



Sierrita Operations  
Environment, Land & Water Department  
6200 W Duval Mine Road  
PO Box 527  
Green Valley, AZ 85622-0527

October 16, 2019

**Via Certified Mail # 7017 0530 0000 7752 5746**  
**Return Receipt Requested**

Mr. Oliver Navo  
Arizona Department of Environmental Quality  
Water Quality Compliance Section  
1110 West Washington Street  
Phoenix, Arizona 85007-2935

**Re:**  
**Mitigation Order on Consent Docket No. P-50-06 Semi-annual**  
**Groundwater Monitoring Report Second and Third Quarter**

Dear Mr. Navo:

In accordance with Section 5.1.2 of the Mitigation Plan<sup>1</sup>, Freeport-McMoRan Sierrita Inc. (Sierrita) submits the enclosed *Semi-annual Groundwater Monitoring Report for Samples Collected during the Second Quarter and Third Quarter 2019*, prepared by Clear Creek Associates for Sierrita.

This document provides results of groundwater monitoring conducted during the above mentioned time frame, which Sierrita agreed to submit semiannually in accordance with the letter from ADEQ dated April 17, 2009<sup>2</sup>.

Please do not hesitate to contact me at (520) 393-2014 if you have any questions regarding this submittal.

Sincerely,

William S Hart  
Sr. Environmental Specialist  
Freeport-McMoRan Sierrita Inc.

WH/dmc  
Attachment(s)  
DTN: 20191016\_001

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<sup>1</sup> Clear Creek Associates. 2013. Mitigation Plan for Sulfate with Respect to Drinking Water Supplies in the Vicinity of the Freeport-McMoRan Sierrita Inc. Tailing Impoundment, Mitigation Order on Consent Docket No. P-50-06. December 18, 2013.

<sup>2</sup> Correspondence from Ned Hall, Sierrita, to Cynthia S. Campbell, ADEQ Water Quality Compliance Section, Re: Mitigation Order on Consent Docket No. P-50-06 – Response to ADEQ Comments on Recommended Groundwater Monitoring for Sulfate – May 15, 2009.

**SEMIANNUAL GROUNDWATER MONITORING REPORT  
FOR SAMPLES COLLECTED DURING THE SECOND AND  
THIRD QUARTERS 2019**

**MITIGATION ORDER ON CONSENT DOCKET NO. P-50-06  
PIMA COUNTY, ARIZONA**



*Prepared for:*

**FREEPORT-MCMORAN SIERRITA INC.**  
6200 West Duval Mine Road  
Green Valley, Arizona 85614

*Prepared by:*

**CLEAR CREEK ASSOCIATES, L.L.C.**  
221 North Court Avenue, Suite 101  
Tucson, Arizona 85701

October 7, 2019

**SEMIANNUAL GROUNDWATER MONITORING REPORT  
FOR SAMPLES COLLECTED DURING THE SECOND AND THIRD QUARTERS 2019**

**MITIGATION ORDER ON CONSENT DOCKET NO. P-50-06  
PIMA COUNTY, ARIZONA**

*Prepared for:*

**FREEPORT-MCMORAN SIERRITA INC.**

6200 West Duval Mine Road  
Green Valley, Arizona 85614

Prepared by:



Ben Daigneau  
Arizona Registered Geologist No. 57975

Reviewed and Approved by:



James R. Norris  
Arizona Registered Geologist No. 30842

October 7, 2019

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## 1. INTRODUCTION

This report provides the results of groundwater monitoring conducted in the second and third quarters 2019 in the vicinity of the Freeport-McMoRan Sierrita Inc. (Sierrita) Tailing Impoundment (STI). Groundwater monitoring is conducted by Sierrita to characterize groundwater sulfate concentrations and groundwater elevations in the vicinity of the STI pursuant to the Mitigation Order on Consent Docket No. P-50-06 between Arizona Department of Environmental Quality (ADEQ) and Sierrita. This semiannual groundwater monitoring report was prepared by Clear Creek Associates on behalf of Sierrita.

### 1.1 Scope of Groundwater Monitoring

Sierrita is conducting a mitigation action consisting of operation of a groundwater pumping and water reuse system to control the migration of a groundwater plume of sulfate and prevent sulfate concentrations in drinking water supplies in the vicinity of the plume from exceeding 250 milligrams per liter (mg/L) at the point of use, due to the STI. The mitigation action is described in the Mitigation Plan (Clear Creek Associates, 2013) approved by ADEQ (ADEQ, 2015). Groundwater pumping under the Mitigation Plan commenced in January 2014.

Groundwater monitoring for the mitigation action is conducted to track the plume location, monitor for sulfate in drinking water supplies, and document groundwater levels in the vicinity of the plume. The Mitigation Plan contains a “Post-Implementation Groundwater Monitoring Plan” which identifies the wells and schedule for monitoring after startup of the mitigation wellfield. The Post-Implementation Groundwater Monitoring Plan is reviewed periodically and updated as needed for the mitigation performance review. The schedule used for monitoring in the second and third quarters 2019 was updated for and reported in the performance review for 2018 (Clear Creek Associates, 2019).

Pursuant to the Mitigation Plan, groundwater monitoring reports are submitted to ADEQ semiannually. As described in the Mitigation Plan, the groundwater monitoring reports are primarily meant to transmit monitoring data to ADEQ with little interpretation. Analysis and interpretation of the monitoring data are conducted for the mitigation performance review reports submitted to ADEQ (e.g. Clear Creek Associates, 2019).

Table 1 lists the wells identified for monitoring for the Post-Implementation Groundwater Monitoring Plan. Figure 1 shows the well locations and sampling frequency. In the third quarter 2019 additional groundwater samples were collected to evaluate conditions at and around

sentinel well MO-2009-1 as described in Section 3. Dissolved sulfate is the only constituent analyzed. The groundwater sampling and analysis methods followed by Sierrita are described in the Quality Assurance Project Plan (QAPP) contained in Appendix E of the Work Plan developed for the Mitigation Order (Hydro Geo Chem, Inc, 2006). The results of groundwater monitoring for the second and third quarters 2019 are presented in Section 2.1.

## **2. GROUNDWATER MONITORING**

### **2.1 Monitoring Results**

Table 2 summarizes the monitoring conducted in second and third quarters 2019. Analytical results and groundwater elevation data for second and third quarters 2019 are tabulated in Tables 3 and 4, respectively.

Figures 2 and 3 show the concentrations of dissolved sulfate in the wells sampled in second and third quarters 2019, respectively. The highest sulfate concentration measured at co-located wells was used for concentration contouring. The figures show the most recent sample result for wells with multiple samples during the quarter. Sulfate concentrations are reported as received from the laboratory with no modifications to the number of significant figures.

Groundwater elevations in second and third quarters 2019 are presented on Figures 4 and 5, respectively. These figures show the most recent measurement for wells with multiple water level measurements during the quarter. The highest contemporaneous water level measured at co-located wells was used for groundwater elevation contouring.

Groundwater elevations were calculated using depth to water measurements taken under non-pumping (static) conditions at most wells. Depth to water may also have been measured under pumping (dynamic) conditions at Mitigation Plan extraction wells, public drinking water supply wells, and agricultural irrigation wells. Table 4 and Figures 4 and 5 note which water level data are static and which are dynamic. The dynamic water levels can be lower than nearby static water levels because pumping lowers the water table in the vicinity of the extraction wells. Wells with a history of regular operation may have residual drawdown even if measured under non-pumping conditions. Areas of depressed water table conditions around pumping wells are depicted on Figure 4.

### **2.2 Quality Assurance/Quality Control Review**

Pursuant to Section 6.4 of the QAPP, a data verification report was prepared for quality assurance and quality control purposes. The data verification report reviews the groundwater data collected by Sierrita during the second and third quarters 2019 with respect to data quality objectives in the QAPP, and is included as Appendix A. Analytical laboratory reports for samples collected in second and third quarters 2019 are provided in portable document format on the compact diskette in Appendix B. As described in the data verification report, all data are of acceptable quality for use in the groundwater monitoring program conducted pursuant to the Mitigation Order.

### 3. FINDINGS

This semiannual data report provides the results of groundwater monitoring conducted in the vicinity of the STI for the second and third quarters 2019. Groundwater samples were collected from 70 plume area wells and depth to water measurements were collected from 111 wells during the second quarter of 2019. In the third quarter of 2019, groundwater samples were collected from 12 plume area wells and depth to water measurements were collected from 13 plume area wells.

Well sampling for the second quarter 2019 was conducted according to the Post-Implementation Groundwater Monitoring Plan except at 23 wells. Samples could not be collected at CW-6, CW-9, FFS-6, IW-4, IW-6A, IW-8, IW-14, IW-15, IW-19, IW-21, IW-22, IW-23, IW-24, or MH-13A because the wells were not operational. A sample was not collected at MH-25A because there was not enough water above the pump for sampling. Water levels could not be measured at FFS-2, FFS-4, FFS-6, FICO E-6, IW-9, and IW-11 because there were obstructions in the sounding tubes. A water level was not measured at MH-9 because the well was inaccessible. Water levels were not measured at IW-18 and MH-16E because the wells were dry.

Well sampling for the third quarter 2019 was conducted according to the Post-Implementation Groundwater Monitoring Plan except at CW-6 and CW-10. Samples were not collected at either well because they were not operational. CW-6 was also inaccessible for a water level. Additional samples were collected in the third quarter 2019 to evaluate conditions at MO-2009-1 as described later in this section.

Comparison of the sulfate concentration data for the second and third quarters 2019 with data collected in previous quarters indicates that there has not been any significant change to the overall plume geometry since the Mitigation Order activities began in 2006 except in the vicinity of the MO-2007-1 wells, where migration of the plume has occurred. Northward migration near MO-2007-1 occurred prior to the implementation of the Mitigation Plan in 2014.

The northern edge of the plume remains bounded by M-8, MW-2016-5A, MW-2016-5B, and MW-2016-6. The implementation of groundwater pumping for the Mitigation Plan is controlling the hydraulic gradient in the vicinity of the plume and limiting its migration, as discussed in the mitigation performance review for 2018 (Clear Creek Associates, 2019).

In 2014, the start of pumping at the FFS, PS, and MC wells caused water elevation depressions and convergent groundwater flow patterns to develop in the vicinity of these extraction wells. Similar water elevation depressions also occur around many of the IW wells, as shown in

Figure 4. The water table depressions constitute hydraulic sinks that are due to the constructive interference of overlapping drawdown cones associated with operation of the extraction well system. The hydraulic sinks around the IW, FFS, PS, and MC wells operate to capture the sulfate plume. The mitigation performance review (Clear Creek Associates, 2019) provides an analysis of the plume capture attained by groundwater pumping in 2018.

Appendix C presents time series graphs of sulfate concentrations at drinking water supply wells, sentinel wells, and select monitoring wells. Appendix D includes graphs of water level data over time for sentinel wells and water supply wells. Sulfate concentration data indicate that concentrations at drinking water supply wells are less than the mitigation action objective of 250 mg/L and less than the interim action trigger level of 135 mg/L established in the Mitigation Plan (Clear Creek Associates, 2013). Sulfate concentrations at sentinel wells are less than the 135 mg/L interim action trigger level except at MO-2009-1.

Sierrita is conducting additional sampling to verify whether the sulfate concentration at sentinel well MO-2009-1 exceeds 135 mg/L. Quarterly monitoring showed the sulfate concentration at MO-2009-1 was 138 mg/L in April 2019 and 136 mg/L in July 2019, for an average concentration of 137 mg/L for the April and July samples. The Mitigation Plan does not define how verification is to be made, but based upon the April and July sampling that slightly exceeded the 135 mg/L level, Sierrita initiated monthly water quality sampling for sulfate at MO-2009-1 (Sierrita, 2019). The first monthly sample at MO-2009-1 was collected on September 5 and had a sulfate concentration of 118 mg/L, for an average sulfate concentration of 130.7 mg/L for the April, July, and September samplings. The sulfate data from monthly samplings will be used to verify whether the sulfate concentration at MO-2009-1 exceeds the 135 mg/L level and to conduct a trend analysis for determination of the subsequent sampling frequency per the Mitigation Plan.

Sentinel well MO-2009-1 is not a drinking water supply well, but is monitored as a sentinel well for drinking water supply well CW-10. The sulfate concentration at CW-10 has been less than 50 mg/L in samples collected since July 2017. Sierrita elected to also collect additional samples from plume edge wells ESP-2, ESP-3, ESP-4, MO-2007-4A, MO-2007-4B, MO-2007-4C, MO-2007-5B, MO-2007-5C, MO-2007-6A, and MO-2007-6B in September. The results for the additional September samples were within the typical concentration ranges of each well (Table 3 and Appendix C).

#### 4. REFERENCES

- Arizona Department of Environmental Quality (ADEQ), 2015. Correspondence from Madeline Keller, ADEQ, to Deborah L. Chismar, Sierrita, Re: Review of the Response to ADEQ's Review of the Mitigation Plan for Sulfate with Respect to the Drinking Water Supplies in the Vicinity of the Freeport-McMoRan Sierrita Inc. Tailing Impoundment, November 20, 2015.
- Clear Creek Associates. 2013. Mitigation Plan for Sulfate with Respect to Drinking Water Supplies in the Vicinity of Freeport-McMoRan Sierrita Inc. Tailing Impoundment, Mitigation Order on Consent Docket No. P-50-06. December 18, 2013.
- Clear Creek Associates. 2019. Mitigation Performance Review for 2018, Mitigation Order on Consent Docket No, P-50-06. April 19, 2019.
- Hydro Geo Chem, Inc. (HGC). 2006. Work Plan to Characterize and Mitigate Sulfate with Respect to Drinking Water Supplies in the Vicinity of the Phelps Dodge Sierrita Tailing Impoundment, Pima County, Arizona. August 11, 2006, revised October 31, 2006.
- Sierrita. 2019. Correspondence from William S. Hart, Freeport-McMoRan Sierrita, Inc. to Oliver Navo, Arizona Department of Environmental Quality, and Arturo Gabaldon, Community Water Company of Green Valley, RE: Sulfate Concentration at MO-2009-01. September 16, 2019.

## TABLES



**TABLE 1**  
**Sampling Schedule for Post-Implementation Groundwater Monitoring**

| Well Name    | ADWR 55<br>Well Registry<br>No. | Well<br>Use   | Owner       | First<br>Quarter | Second<br>Quarter | Third<br>Quarter | Fourth<br>Quarter |
|--------------|---------------------------------|---------------|-------------|------------------|-------------------|------------------|-------------------|
| CC of GV     | 501760                          | Monitor       | Sierrita    |                  | SO4               |                  |                   |
| CCGV2        | 627484                          | Monitor       | CWC         |                  | WLO               |                  | WLO               |
| CW-3         | 627483                          | Monitor       | CWC         |                  | SO4+WL            |                  | SO4+WL            |
| CW-6         | 627485                          | DWS           | CWC         | SO4+WL           | SO4+WL            | SO4+WL           | SO4+WL            |
| CW-7         | 502546                          | Monitor       | CWC         |                  | WLO               |                  | WLO               |
| CW-8         | 543600                          | Monitor       | CWC         |                  | WLO               |                  | WLO               |
| CW-9         | 588121                          | DWS           | CWC         | SO4+WL           | SO4+WL            | SO4+WL           | SO4+WL            |
| CW-10        | 207982                          | DWS           | CWC         | SO4+WL           | SO4+WL            | SO4+WL           | SO4+WL            |
| CW-11        | 608518                          | DWS           | CWC         |                  | WLO               |                  | WLO               |
| ESP-2        | 623103                          | Monitor       | Sierrita    |                  | SO4+WL            |                  | SO4+WL            |
| ESP-3        | 623104                          | Monitor       | Sierrita    |                  | SO4+WL            |                  | SO4+WL            |
| ESP-4        | 623105                          | Monitor       | Sierrita    |                  | SO4+WL            |                  | SO4+WL            |
| ESP-5        | 623106                          | Monitor       | Sierrita    |                  | WLO               |                  | WLO               |
| FFS-1        | 221662                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| FFS-2        | 221663                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| FFS-3        | 221664                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| FFS-4        | 221665                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| FFS-5        | 221666                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| FFS-6        | 221667                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| FICO C-4     | 624010                          | Ag Extraction | FICO        |                  | WLO               |                  | WLO               |
| FICO E-6     | 624013                          | Ag Extraction | FICO        |                  | WLO               |                  | WLO               |
| GV-01-GVDWID | 603428                          | DWS           | GVDWID      | SO4+WL           | SO4+WL            | SO4+WL           | SO4+WL            |
| GV-01-PCWW   | 509603                          | Monitor       | Pima County |                  | WLO               |                  | WLO               |
| GV-02-GVDWID | 603429                          | DWS           | GVDWID      | SO4+WL           | SO4+WL            | SO4+WL           | SO4+WL            |
| GV-02-PCWW   | 509604                          | Monitor       | Pima County |                  | WLO               |                  | WLO               |
| GV-SI-GVDWID | 208825                          | DWS           | GVDWID      |                  | SO4+WL            |                  | WLO               |
| HAVEN GOLF   | 515867                          | Monitor       | Haven Golf  |                  | SO4               |                  |                   |
| I-12         | 608523                          | Monitor       | Sierrita    |                  | WLO               |                  | WLO               |
| IW-1         | 623129                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-2A        | 216464                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-3A        | 201732                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-4         | 623132                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-5A        | 219131                          | Monitor       | Sierrita    |                  | WLO               |                  | WLO               |
| IW-6A        | 545565                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-8         | 508236                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-9         | 508238                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-10        | 508237                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-11        | 508235                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-12        | 545555                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-13        | 545556                          | Monitor       | Sierrita    |                  | WLO               |                  | WLO               |
| IW-14        | 545557                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-15        | 545558                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-16        | 545559                          | Monitor       | Sierrita    |                  | WLO               |                  | WLO               |
| IW-17        | 545560                          | Monitor       | Sierrita    |                  | WLO               |                  | WLO               |
| IW-18        | 545561                          | Monitor       | Sierrita    |                  | WLO               |                  | WLO               |
| IW-19        | 545562                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-20        | 545563                          | Monitor       | Sierrita    |                  | WLO               |                  | WLO               |
| IW-21        | 545564                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-22        | 200554                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-23        | 200555                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-24        | 200556                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-25        | 219596                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-26        | 219143                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-27        | 219136                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-28        | 219137                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |
| IW-29        | 222865                          | Extraction    | Sierrita    |                  | SO4+WL            |                  | WLO               |

**TABLE 1**  
**Sampling Schedule for Post-Implementation Groundwater Monitoring**

| Well Name               | ADWR 55<br>Well Registry<br>No. | Well<br>Use | Owner    | First<br>Quarter | Second<br>Quarter | Third<br>Quarter | Fourth<br>Quarter |
|-------------------------|---------------------------------|-------------|----------|------------------|-------------------|------------------|-------------------|
| M-1                     | 85228                           | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| M-5                     | 87387                           | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| M-8                     | 87390                           | Monitor     | Sierrita |                  | SO4+WL            |                  | SO4+WL            |
| M-9                     | 501652                          | Monitor     | Sierrita |                  | SO4+WL            |                  | WLO               |
| M-10                    | 501653                          | Monitor     | Sierrita |                  | SO4+WL            |                  | SO4+WL            |
| M-11                    | 501654                          | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| M-20                    | 906595                          | Monitor     | Sierrita |                  | SO4+WL            |                  | WLO               |
| MC-1                    | 221660                          | Extraction  | Sierrita |                  | SO4+WL            |                  | WLO               |
| MC-2                    | 221761                          | Extraction  | Sierrita |                  | SO4+WL            |                  | WLO               |
| MC-3                    | 221661                          | Extraction  | Sierrita |                  | SO4+WL            |                  | WLO               |
| MC-4                    | 220842                          | Extraction  | Sierrita |                  | SO4+WL            |                  | WLO               |
| MH-1                    | 803629                          | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| MH-3                    | 803630                          | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| MH-5                    | 803632                          | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| MH-6                    | 803633                          | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| MH-7                    | 803634                          | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| MH-9                    | 803635                          | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| MH-10                   | 803636                          | Monitor     | Sierrita |                  | SO4+WL            |                  | WLO               |
| MH-11                   | 803637                          | Monitor     | Sierrita |                  | SO4+WL            |                  | WLO               |
| MH-13A                  | 904071                          | Monitor     | Sierrita |                  | SO4+WL            |                  | WLO               |
| MH-13B                  | 904072                          | Monitor     | Sierrita |                  | SO4+WL            |                  | WLO               |
| MH-13C                  | 904073                          | Monitor     | Sierrita |                  | SO4+WL            |                  | WLO               |
| MH-14                   | 528098                          | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| MH-15E                  | 528094                          | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| MH-16E                  | 528100                          | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| MH-16W                  | 528099                          | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| MH-25A                  | 201528                          | Monitor     | Sierrita |                  | SO4+WL            |                  | WLO               |
| MH-25B                  | 208429                          | Monitor     | Sierrita |                  | SO4+WL            |                  | WLO               |
| MH-25C                  | 208426                          | Monitor     | Sierrita |                  | SO4+WL            |                  | WLO               |
| MH-26B                  | 208427                          | Monitor     | Sierrita |                  | SO4+WL            |                  | WLO               |
| MH-26C                  | 208428                          | Monitor     | Sierrita |                  | SO4+WL            |                  | WLO               |
| MH-28                   | 903648                          | Monitor     | Sierrita |                  | SO4+WL            |                  | SO4+WL            |
| MH-29                   | 903649                          | Monitor     | Sierrita |                  | SO4+WL            |                  | SO4+WL            |
| MH-30                   | 903884                          | Monitor     | Sierrita |                  | SO4+WL            |                  | WLO               |
| MO-2007-1A              | 907342                          | Monitor     | Sierrita |                  | SO4+WL            |                  | SO4+WL            |
| MO-2007-1B              | 907210                          | Monitor     | Sierrita |                  | SO4+WL            |                  | SO4+WL            |
| MO-2007-1C              | 907209                          | Monitor     | Sierrita |                  | SO4+WL            |                  | SO4+WL            |
| MO-2007-2               | 906765                          | Monitor     | Sierrita |                  | SO4+WL            |                  | WLO               |
| MO-2007-3B <sup>1</sup> | 906816                          | Sentinel    | Sierrita | SO4+WL           | SO4+WL            | SO4+WL           | SO4+WL            |
| MO-2007-3C <sup>1</sup> | 906817                          | Sentinel    | Sierrita | SO4+WL           | SO4+WL            | SO4+WL           | SO4+WL            |
| MO-2007-4A <sup>2</sup> | 907213                          | Sentinel    | Sierrita | SO4+WL           | SO4+WL            | SO4+WL           | SO4+WL            |
| MO-2007-4B <sup>2</sup> | 907212                          | Sentinel    | Sierrita | SO4+WL           | SO4+WL            | SO4+WL           | SO4+WL            |
| MO-2007-4C <sup>2</sup> | 907211                          | Sentinel    | Sierrita | SO4+WL           | SO4+WL            | SO4+WL           | SO4+WL            |
| MO-2007-5B              | 907456                          | Monitor     | Sierrita |                  | SO4+WL            |                  | SO4+WL            |
| MO-2007-5C              | 907457                          | Monitor     | Sierrita |                  | SO4+WL            |                  | SO4+WL            |
| MO-2007-6A <sup>3</sup> | 907607                          | Sentinel    | Sierrita | SO4+WL           | SO4+WL            | SO4+WL           | SO4+WL            |
| MO-2007-6B <sup>3</sup> | 907606                          | Sentinel    | Sierrita | SO4+WL           | SO4+WL            | SO4+WL           | SO4+WL            |
| MO-2009-1 <sup>5</sup>  | 910458                          | Sentinel    | Sierrita | SO4+WL           | SO4+WL            | SO4+WL           | SO4+WL            |
| MW-2016-5A              | 919635                          | Monitor     | Sierrita |                  | SO4+WL            |                  | SO4+WL            |
| MW-2016-5B              | 919472                          | Monitor     | Sierrita |                  | SO4+WL            |                  | SO4+WL            |
| MW-2016-6               | 919676                          | Monitor     | Sierrita |                  | SO4+WL            |                  | SO4+WL            |
| NP-2 <sup>1</sup>       | 605898                          | Sentinel    | CWC      | SO4+WL           | SO4+WL            | SO4+WL           | SO4+WL            |
| PS-1                    | 220861                          | Extraction  | Sierrita |                  | SO4+WL            |                  | WLO               |
| PS-2                    | 220862                          | Extraction  | Sierrita |                  | SO4+WL            |                  | WLO               |
| PS-3                    | 220863                          | Extraction  | Sierrita |                  | SO4+WL            |                  | WLO               |

**TABLE 1**  
**Sampling Schedule for Post-Implementation Groundwater Monitoring**

| Well Name | ADWR 55<br>Well Registry<br>No. | Well<br>Use | Owner    | First<br>Quarter | Second<br>Quarter | Third<br>Quarter | Fourth<br>Quarter |
|-----------|---------------------------------|-------------|----------|------------------|-------------------|------------------|-------------------|
| PS-4      | 220864                          | Extraction  | Sierrita |                  | SO4+WL            |                  | WLO               |
| PZ-7      | 561870                          | Monitor     | Sierrita |                  | SO4+WL            |                  | WLO               |
| PZ-8      | 561866                          | Monitor     | Sierrita |                  | SO4+WL            |                  | WLO               |
| S-1       | 623111                          | Extraction  | Sierrita |                  | WLO               |                  | WLO               |
| ST-6      | 608530                          | DWS         | LQSWC    |                  | WLO               |                  | WLO               |
| 1225      | 634394                          | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| 1350      | ND                              | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| 1758      | 634392                          | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| 1759      | 634393                          | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| 2123      | 511895                          | Monitor     | Sierrita |                  | WLO               |                  | WLO               |
| 2125      | 514015                          | Monitor     | Sierrita |                  | WLO               |                  | WLO               |

*Notes:*

ADWR = Arizona Department of Water Resources

Ag = agricultural

CC OF GV = Country Club of Green Valley

CWC = Community Water Company of Green Valley

DWS = Drinking Water Supply

FICO - Farmers Investment Company

GVDWID = Green Valley Domestic Water Improvement District

GVPCWW = Green Valley Pima County Wastewater Reclamation Facility

LQSWC = Las Quintas Serenas Water Company

ND = No Data

Sierrita = Freeport-McMoRan Sierrita Inc.

SO4 = Water Sample for Sulfate Analysis, WL = Water Level Measurement, WLO = Water Level Measurement Only

<sup>1</sup> Sentinel Well for CW-9

<sup>2</sup> Sentinel Well for CW-6

<sup>3</sup> Sentinel Well for GV-01-GVDWID and GV-02-GVDWID

<sup>4</sup> Sentinel Well for CW-10

**TABLE 2**  
**Monitoring Summary - Second and Third Quarters 2019**

| Well Name    | ADWR 55<br>Well Registry<br>No. | Second Quarter 2019 |                     |                          |                                                                                         | Third Quarter 2019 |                     |                          |                                                                |
|--------------|---------------------------------|---------------------|---------------------|--------------------------|-----------------------------------------------------------------------------------------|--------------------|---------------------|--------------------------|----------------------------------------------------------------|
|              |                                 | Requirement         | Sample<br>Collected | Water Level<br>Collected | Comment                                                                                 | Requirement        | Sample<br>Collected | Water Level<br>Collected | Comment                                                        |
| CC of GV     | 501760                          | SO4                 | Y                   | N                        | Water sample collected in May 2019.                                                     |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| CCGV2        | 627484                          | WLO                 | N                   | Y                        | Water level measured in April 2019.                                                     |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| CW-3         | 627483                          | SO4+WL              | Y                   | Y                        | Water sample collected in May 2019.                                                     |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| CW-6         | 627485                          | SO4+WL              | N                   | Y                        | Well was not operational. Water level measured in April 2019.                           | SO4+WL             | N                   | N                        | Well was not operational.                                      |
| CW-7         | 502546                          | WLO                 | N                   | Y                        | Water level measured in April 2019.                                                     |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| CW-8         | 543600                          | WLO                 | N                   | Y                        | Water level measured in April 2019.                                                     |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| CW-9         | 588121                          | SO4+WL              | N                   | Y                        | Well was not operational. Water level measured in April 2019.                           | SO4+WL             | Y                   | Y                        | Water sample collected in August 2019.                         |
| CW-10        | 207982                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                   | SO4+WL             | N                   | Y                        | Well was not operational. Water level measured in August 2019. |
| CW-11        | 608518                          | WLO                 | N                   | Y                        | Water level measured in April 2019.                                                     |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| ESP-2        | 623103                          | SO4+WL              | Y                   | Y                        | Water sample collected in June 2019.                                                    |                    | Y                   | Y                        | Water sample collected in September 2019.                      |
| ESP-3        | 623104                          | SO4+WL              | Y                   | Y                        | Water sample collected in June 2019.                                                    |                    | Y                   | Y                        | Water sample collected in September 2019.                      |
| ESP-4        | 623105                          | SO4+WL              | Y                   | Y                        | Water sample collected in June 2019.                                                    |                    | Y                   | Y                        | Water sample collected in September 2019.                      |
| ESP-5        | 623106                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                                       |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| FFS-1        | 221662                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019.                 |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| FFS-2        | 221663                          | SO4+WL              | Y                   | N                        | Water sample collected in April 2019. Unable to measure water level due to obstruction. |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| FFS-3        | 221664                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019.                 |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| FFS-4        | 221665                          | SO4+WL              | Y                   | N                        | Water sample collected in April 2019. Unable to measure water level due to obstruction. |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| FFS-5        | 221666                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019.                 |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| FFS-6        | 221667                          | SO4+WL              | N                   | N                        | Well was not operational. Unable to measure water level due to obstruction.             |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| FICO C-4     | 624010                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                                       |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| FICO E-6     | 624013                          | WLO                 | N                   | N                        | Unable to measure water level due to obstruction.                                       |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| GV-01-GVDWID | 603428                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                   | SO4+WL             | Y                   | Y                        | Water sample collected in July 2019.                           |
| GV-01-PCWW   | 509603                          | WLO                 | N                   | Y                        | Water level measured in April 2019.                                                     |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| GV-02-GVDWID | 603429                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                   | SO4+WL             | Y                   | Y                        | Water sample collected in July 2019.                           |
| GV-02-PCWW   | 509604                          | WLO                 | N                   | Y                        | Water level measured in April 2019.                                                     |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| GV-SI-GVDWID | 208825                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| HAVEN GOLF   | 515867                          | SO4                 | Y                   | N                        | Water sample collected in April 2019.                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| I-12         | 608523                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                                       |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| IW-1         | 623129                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019.                 |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| IW-2A        | 216464                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019.                 |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| IW-3A        | 201732                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019.                 |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |
| IW-4         | 623132                          | SO4+WL              | N                   | Y                        | Well was not operational. Water level measured in May 2019.                             |                    | N                   | N                        | Not scheduled for third quarter 2019.                          |

**TABLE 2**  
**Monitoring Summary - Second and Third Quarters 2019**

| Well Name | ADWR 55<br>Well Registry<br>No. | Second Quarter 2019 |                     |                          |                                                                                         | Third Quarter 2019 |                     |                          |                                       |
|-----------|---------------------------------|---------------------|---------------------|--------------------------|-----------------------------------------------------------------------------------------|--------------------|---------------------|--------------------------|---------------------------------------|
|           |                                 | Requirement         | Sample<br>Collected | Water Level<br>Collected | Comment                                                                                 | Requirement        | Sample<br>Collected | Water Level<br>Collected | Comment                               |
| IW-5A     | 219131                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-6A     | 545565                          | SO4+WL              | N                   | Y                        | Well was not operational. Water level measured in May 2019.                             |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-8      | 508236                          | SO4+WL              | N                   | Y                        | Well was not operational. Water level measured in May 2019.                             |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-9      | 508238                          | SO4+WL              | Y                   | N                        | Water sample collected in April 2019. Unable to measure water level due to obstruction. |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-10     | 508237                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019.                 |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-11     | 508235                          | SO4+WL              | Y                   | N                        | Water sample collected in April 2019. Unable to measure water level due to obstruction. |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-12     | 545555                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019.                 |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-13     | 545556                          | WLO                 | N                   | Y                        | Well was not operational. Water level measured in May 2019.                             |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-14     | 545557                          | SO4+WL              | N                   | Y                        | Well was not operational. Water level measured in May 2019.                             |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-15     | 545558                          | SO4+WL              | N                   | Y                        | Well was not operational. Water level measured in May 2019.                             |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-16     | 545559                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-17     | 545560                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-18     | 545561                          | WLO                 | N                   | N                        | Well is dry.                                                                            |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-19     | 545562                          | SO4+WL              | N                   | Y                        | Well was not operational. Water level measured in May 2019.                             |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-20     | 545563                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-21     | 545564                          | SO4+WL              | N                   | Y                        | Well was not operational. Water level measured in May 2019.                             |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-22     | 200554                          | SO4+WL              | N                   | Y                        | Well was not operational. Water level measured in May 2019.                             |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-23     | 200555                          | SO4+WL              | N                   | Y                        | Well was not operational. Water level measured in May 2019.                             |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-24     | 200556                          | SO4+WL              | N                   | Y                        | Well was not operational. Water level measured in May 2019.                             |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-25     | 219596                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019.                 |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-26     | 219143                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019.                 |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-27     | 219136                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019.                 |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-28     | 219137                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019.                 |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| IW-29     | 222865                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019.                 |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| M-1       | 85228                           | WLO                 | N                   | Y                        | Water level measured in May 2019.                                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |

**TABLE 2**  
**Monitoring Summary - Second and Third Quarters 2019**

| Well Name  | ADWR 55<br>Well Registry<br>No. | Second Quarter 2019 |                     |                          |                                                                                                         | Third Quarter 2019 |                     |                          |                                       |
|------------|---------------------------------|---------------------|---------------------|--------------------------|---------------------------------------------------------------------------------------------------------|--------------------|---------------------|--------------------------|---------------------------------------|
|            |                                 | Requirement         | Sample<br>Collected | Water Level<br>Collected | Comment                                                                                                 | Requirement        | Sample<br>Collected | Water Level<br>Collected | Comment                               |
| M-5        | 87387                           | WLO                 | N                   | Y                        | Water level measured in May 2019.                                                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| M-8        | 87390                           | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| M-9        | 501652                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| M-10       | 501653                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| M-11       | 501654                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| M-20       | 906595                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MC-1       | 221660                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019.                                 |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MC-2       | 221761                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019.                                 |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MC-3       | 221661                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019.                                 |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MC-4       | 220842                          | SO4+WL              | Y                   | Y                        | Water sample collected in May 2019.                                                                     |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-1       | 803629                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-3       | 803630                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-5       | 803632                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-6       | 803633                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-7       | 803634                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-9       | 803635                          | WLO                 | N                   | N                        | Well is inaccessible.                                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-10      | 803636                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-11      | 803637                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-13A     | 904071                          | SO4+WL              | N                   | Y                        | Pump was not operational. Water level measured in April 2019.                                           |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-13B     | 904072                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-13C     | 904073                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-14      | 528098                          | WLO                 | N                   | Y                        | Well not sampled for second quarter 2019 mitigation order sampling. Water level measured in April 2019. |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-15E     | 528094                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-16E     | 528100                          | WLO                 | N                   | N                        | Well is dry.                                                                                            |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-16W     | 528099                          | WLO                 | N                   | Y                        | Well not sampled for second quarter 2019 mitigation order sampling. Water level measured in April 2019. |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-25A     | 201528                          | SO4+WL              | N                   | Y                        | Water level measured in April 2019. Not enough water above the pump for sampling.                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-25B     | 208429                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-25C     | 208426                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-26B     | 208427                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-26C     | 208428                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-28      | 903648                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-29      | 903649                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MH-30      | 903884                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MO-2007-1A | 907342                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| MO-2007-1B | 907210                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |



**TABLE 2**  
**Monitoring Summary - Second and Third Quarters 2019**

| Well Name               | ADWR 55<br>Well Registry<br>No. | Second Quarter 2019 |                     |                          |                                                                         | Third Quarter 2019 |                     |                          |                                                    |
|-------------------------|---------------------------------|---------------------|---------------------|--------------------------|-------------------------------------------------------------------------|--------------------|---------------------|--------------------------|----------------------------------------------------|
|                         |                                 | Requirement         | Sample<br>Collected | Water Level<br>Collected | Comment                                                                 | Requirement        | Sample<br>Collected | Water Level<br>Collected | Comment                                            |
| MO-2007-1C              | 907209                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   |                    | N                   | N                        | Not scheduled for third quarter 2019.              |
| MO-2007-2               | 906765                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   |                    | N                   | N                        | Not scheduled for third quarter 2019.              |
| MO-2007-3B <sup>1</sup> | 906816                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   | SO4+WL             | Y                   | Y                        | Water sample collected in July 2019.               |
| MO-2007-3C <sup>1</sup> | 906817                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   | SO4+WL             | Y                   | Y                        | Water sample collected in July 2019.               |
| MO-2007-4A <sup>2</sup> | 907213                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   | SO4+WL             | Y                   | Y                        | Water sample collected in July and September 2019. |
| MO-2007-4B <sup>2</sup> | 907212                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   | SO4+WL             | Y                   | Y                        | Water sample collected in July and September 2019. |
| MO-2007-4C <sup>2</sup> | 907211                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   | SO4+WL             | Y                   | Y                        | Water sample collected in July and September 2019. |
| MO-2007-5B              | 907456                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   |                    | Y                   | Y                        | Water sample collected in September 2019.          |
| MO-2007-5C              | 907457                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   |                    | Y                   | Y                        | Water sample collected in September 2019.          |
| MO-2007-6A <sup>3</sup> | 907607                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   | SO4+WL             | Y                   | Y                        | Water sample collected in July and September 2019. |
| MO-2007-6B <sup>3</sup> | 907606                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   | SO4+WL             | Y                   | Y                        | Water sample collected in July and September 2019. |
| MO-2009-1 <sup>5</sup>  | 910458                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   | SO4+WL             | Y                   | Y                        | Water sample collected in July and September 2019. |
| MW-2016-5A              | 919635                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   |                    | N                   | N                        | Not scheduled for third quarter 2019.              |
| MW-2016-5B              | 919472                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   |                    | N                   | N                        | Not scheduled for third quarter 2019.              |
| MW-2016-6               | 919676                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   |                    | N                   | N                        | Not scheduled for third quarter 2019.              |
| NP-2 <sup>1</sup>       | 605898                          | SO4+WL              | Y                   | Y                        | Water sample collected in May 2019.                                     | SO4+WL             | Y                   | Y                        | Water sample collected in August 2019.             |
| PS-1                    | 220861                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019. |                    | N                   | N                        | Not scheduled for third quarter 2019.              |
| PS-2                    | 220862                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019. |                    | N                   | N                        | Not scheduled for third quarter 2019.              |
| PS-3                    | 220863                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019. |                    | N                   | N                        | Not scheduled for third quarter 2019.              |

**TABLE 2**  
**Monitoring Summary - Second and Third Quarters 2019**

| Well Name | ADWR 55<br>Well Registry<br>No. | Second Quarter 2019 |                     |                          |                                                                         | Third Quarter 2019 |                     |                          |                                       |
|-----------|---------------------------------|---------------------|---------------------|--------------------------|-------------------------------------------------------------------------|--------------------|---------------------|--------------------------|---------------------------------------|
|           |                                 | Requirement         | Sample<br>Collected | Water Level<br>Collected | Comment                                                                 | Requirement        | Sample<br>Collected | Water Level<br>Collected | Comment                               |
| PS-4      | 220864                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019. Water level measured in May 2019. |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| PZ-7      | 561870                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| PZ-8      | 561866                          | SO4+WL              | Y                   | Y                        | Water sample collected in April 2019.                                   |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| S-1       | 623111                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| ST-6      | 608530                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| 1225      | 634394                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| 1350      | ND                              | WLO                 | N                   | Y                        | Water level measured in May 2019.                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| 1758      | 634392                          | WLO                 | N                   | Y                        | Water level measured in April 2019.                                     |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| 1759      | 634393                          | WLO                 | N                   | Y                        | Water level measured in April 2019.                                     |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| 2123      | 511895                          | WLO                 | N                   | Y                        | Water level measured in April 2019.                                     |                    | N                   | N                        | Not scheduled for third quarter 2019. |
| 2125      | 514015                          | WLO                 | N                   | Y                        | Water level measured in May 2019.                                       |                    | N                   | N                        | Not scheduled for third quarter 2019. |

**Notes:**

ADWR = Arizona Department of Water Resources

CC OF GV = Country Club of Green Valley

CWC = Community Water Company of Green Valley

FICO - Farmers Investment Company

GVDWID = Green Valley Domestic Water Improvement District

GVPCCWW = Green Valley Pima County Wastewater Reclamation Facility

Sierrita = Freeport-McMoRan Sierrita Inc.

SO4 = Water Sample for Sulfate Analysis, WL = Water Level Measurement, WLO = Water Level Measurement Only

N= No

Y = Yes

<sup>1</sup> First and third quarter sampling pursuant to Contingency Plan

<sup>2</sup> Sentinel Well for CW-9

<sup>3</sup> Sentinel Well for CW-6

<sup>4</sup> Sentinel Well for GV-01-GVDWID and GV-02-GVDWID

<sup>5</sup> Sentinel Well for CW-10



**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| CC OF GV  | 501760                  | 1/15/07      | 7.31       | 23.0                   | 767                                | 133                             |
|           |                         | 4/16/07      | 7.44       | 22.6                   | 767                                | 133                             |
|           |                         | 7/9/07       | 7.58       | 24.5                   | 658                                | 104                             |
|           |                         | 1/10/08      | 7.27       | 22.5                   | 689                                | 143                             |
|           |                         | 4/16/08      | 7.37       | 25.2                   | 426                                | 69.4                            |
|           |                         | 7/7/08       | 6.97       | 23.7                   | 736                                | 119                             |
|           |                         | 10/9/08      | 7.26       | 24.8                   | 476                                | 72.4                            |
|           |                         | 2/4/09       | 8.08       | 13.8                   | 399                                | 107                             |
|           |                         | 4/21/09      | 6.92       | 19.8                   | 526                                | 90.1                            |
|           |                         | 4/22/10      | 6.99       | 21.26                  | 929                                | 95                              |
|           |                         | 4/21/11      | 6.95       | 17.6                   | 494                                | 82                              |
|           |                         | 6/26/12      | 7.13       | 27.7                   | 565                                | 88.69                           |
|           |                         | 5/14/13      | 7.46       | 23.3                   | 706                                | 147.80                          |
|           |                         | 4/23/14      | 6.94       | 22.3                   | 744                                | 156.00                          |
|           |                         | 5/13/15      | 6.97       | 23.2                   | 547                                | 102.00                          |
|           |                         | 5/11/17      | 7.88       | 24.0                   | 597                                | 95.7                            |
| CW-3      | 627483                  | 5/14/18      | 7.79       | 26.2                   | 497                                | 89.7                            |
|           |                         | 5/7/19       | 8.19       | 29.0                   | 291                                | 97.1                            |
|           |                         | 6/6/07       | 7.74       | 25.3                   | 449                                | 57.9                            |
|           |                         | 8/10/07      | 7.40       | 25.9                   | 444                                | 59.5                            |
|           |                         | 1/11/08      | 7.55       | 25.1                   | 432                                | 55.7                            |
|           |                         | 4/17/08      | 7.32       | 25.6                   | 398                                | 54.1                            |
|           |                         | 7/11/08      | 7.53       | 25.7                   | 484                                | 56.7                            |
|           |                         | 10/6/08      | 7.50       | 25.3                   | 430                                | 56.2                            |
|           |                         | 2/9/09       | 7.68       | 24.3                   | 347                                | 54.3                            |
|           |                         | 4/24/09      | 6.75       | 25.4                   | 520                                | 56.2                            |
|           |                         | 12/31/09     | 7.57       | 23.8                   | 419                                | 56.2                            |
|           |                         | 4/22/10      | 7.32       | 23.03                  | 475                                | 57.7                            |
|           |                         | 10/25/10     | 7.60       | 25.5                   | 460                                | 57.6                            |
|           |                         | 5/2/11       | 7.55       | 26.4                   | 390                                | 56.8                            |
|           |                         | 12/5/11      | 7.79       | 22.7                   | 437                                | 55.18                           |
|           |                         | 6/18/12      | 7.57       | 28.4                   | 517                                | 61.70                           |
|           |                         | 12/13/12     | 7.64       | 24.1                   | 473                                | 63.84                           |
|           |                         | 12/13/12 DUP | 7.64       | 24.1                   | 473                                | 64.04                           |
|           |                         | 6/13/13      | 7.63       | 24.4                   | 444                                | 70.8                            |
|           |                         | 11/12/13     | 7.24       | 23.8                   | 417                                | 67.2                            |
|           |                         | 11/12/13 DUP | 7.24       | 23.8                   | 417                                | 67.2                            |
|           |                         | 5/6/14       | 7.81       | 24.3                   | 393                                | 70.7                            |
|           |                         | 5/6/14 DUP   | 7.81       | 24.3                   | 393                                | 70.6                            |
|           |                         | 10/15/14     | 7.78       | 24.8                   | 424                                | 67.5                            |
|           |                         | 5/11/15      | 7.63       | 25.2                   | 364                                | 71.4                            |
|           |                         | 5/11/15 DUP  | 7.63       | 25.2                   | 364                                | 70.0                            |
|           |                         | 10/28/15     | 7.51       | 24.9                   | 558                                | 67.1                            |
|           |                         | 6/9/16       | 7.63       | 24.9                   | 367                                | 81.1                            |
|           |                         | 12/6/16      | 7.82       | 24.8                   | 498                                | 75.2                            |
|           |                         | 5/23/17      | 8.08       | 24.7                   | 542                                | 66.3                            |
|           |                         | 11/30/17     | 7.92       | 24.7                   | 522                                | 23.6                            |
|           |                         | 6/26/18      | 7.95       | 26.1                   | 488                                | 69.8                            |
|           |                         | 6/26/18 DUP  | 7.95       | 26.1                   | 488                                | 69.7                            |
|           |                         | 12/5/18      | 7.98       | 24.8                   | 340                                | 69.0                            |
|           |                         | 5/7/19       | 8.27       | 24.7                   | 416                                | 76.4                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| CW-6      | 627485                  | 12/4/06      | NM         | NM                     | NM                                 | 46.2                            |
|           |                         | 1/3/07       | 7.73       | 26.8                   | 418                                | 49.2                            |
|           |                         | 1/3/07       | 7.73       | 26.8                   | 418                                | 49.5                            |
|           |                         | 5/14/07      | 7.58       | 26.1                   | 507                                | 68.7                            |
|           |                         | 7/10/07      | 7.60       | 26.9                   | 475                                | 57.6                            |
|           |                         | 7/10/07      | 7.60       | 26.9                   | 475                                | 58                              |
|           |                         | 1/8/08       | 7.64       | 27.1                   | 368                                | 48.9                            |
|           |                         | 4/15/08      | 7.25       | 26.9                   | 382                                | 51.2                            |
|           |                         | 7/8/08       | 7.43       | 27.2                   | 416                                | 47.9                            |
|           |                         | 10/7/08      | 7.52       | 26.6                   | 431                                | 51.5                            |
|           |                         | 10/7/08 DUP  | 7.52       | 26.6                   | 431                                | 51.5                            |
|           |                         | 2/6/09       | 7.87       | 26.6                   | 317                                | 48.2                            |
|           |                         | 4/22/09      | 7.62       | 25.3                   | 377                                | 47.9                            |
|           |                         | 4/22/09 DUP  | 7.62       | 25.3                   | 377                                | 47.3                            |
|           |                         | 9/17/09      | 7.18       | 24.8                   | 478                                | 70                              |
|           |                         | 11/5/09      | 7.52       | 25.1                   | 434                                | 59.7                            |
|           |                         | 2/10/10      | 7.68       | 24.4                   | 369                                | 46.6                            |
|           |                         | 5/14/10      | 7.70       | 26.50                  | 380                                | 52.1                            |
|           |                         | 7/27/10      | 7.50       | 27.5                   | 444                                | 55.2                            |
|           |                         | 10/14/10     | 7.67       | 26.2                   | 429                                | 52.5                            |
|           |                         | 2/24/11      | 7.57       | 23.4                   | 455                                | 70.3                            |
|           |                         | 4/28/11      | 7.66       | 25.2                   | 453                                | 58.1                            |
|           |                         | 7/20/11      | 7.52       | 25.5                   | 417                                | 81                              |
|           |                         | 12/14/11     | 7.76       | 23.7                   | 429                                | 54.50                           |
|           |                         | 12/14/11 DUP | 7.76       | 23.7                   | 429                                | 54.42                           |
|           |                         | 1/24/12      | 7.49       | 25.2                   | 303                                | 60.17                           |
|           |                         | 5/9/12       | 7.70       | 26.5                   | 489                                | 80.99                           |
|           |                         | 8/29/12      | 7.44       | 25.2                   | 537                                | 82.24                           |
|           |                         | 12/12/12     | 7.47       | 23.6                   | 541                                | 82.98                           |
|           |                         | 2/6/13       | 7.32       | 24.0                   | 457                                | 76.54                           |
|           |                         | 5/15/13      | 7.63       | 24.7                   | 513                                | 91.94                           |
|           |                         | 7/17/13      | 7.47       | 25.3                   | 500                                | 91.60                           |
|           |                         | 10/23/13     | 7.50       | 25.1                   | 365                                | 85.1                            |
|           |                         | 1/14/14      | 7.49       | 22.4                   | 395                                | 87.2                            |
|           |                         | 4/16/14      | 7.65       | 24.4                   | 434                                | 85.6                            |
|           |                         | 7/22/14      | 7.21       | 25.5                   | 614                                | 78.0                            |
|           |                         | 10/13/14     | 7.71       | 23.9                   | 464                                | 79.5                            |
|           |                         | 1/13/15      | 7.82       | 23.6                   | 433                                | 80.5                            |
|           |                         | 4/14/15      | 7.31       | 24.4                   | 430                                | 91.1                            |
|           |                         | 7/27/15      | 7.76       | 25.9                   | 572                                | 94.8                            |
|           |                         | 7/27/15 DUP  | 7.76       | 25.9                   | 572                                | 94.3                            |
|           |                         | 10/20/15     | 7.65       | 24.6                   | 563                                | 85.9                            |
|           |                         | 1/20/16      | 8.06       | 22.8                   | 499                                | 69.3                            |
|           |                         | 4/19/16      | 8.03       | 26.8                   | 409                                | 92.6                            |
|           |                         | 8/22/16      | 7.71       | 25.8                   | 601                                | 91.7                            |
|           |                         | 10/31/16     | 8.06       | 24.4                   | 606                                | 85.6                            |
|           |                         | 1/17/17      | 7.72       | 22.4                   | 551                                | 75.2                            |
|           |                         | 5/16/17      | 7.66       | 24.5                   | 582                                | 85.7                            |
|           |                         | 7/20/17      | 7.96       | 24.8                   | 496                                | 78.9                            |
|           |                         | 10/24/17     | 7.91       | 24.1                   | 602                                | 79.1                            |
|           |                         | 2/12/18      | 7.94       | 23.2                   | 478                                | 71.0                            |
|           |                         | 5/15/18      | 7.90       | 24.2                   | 439                                | 77.5                            |
|           |                         | 8/7/18       | 7.87       | 25.1                   | 450                                | 77.3                            |
|           |                         | 11/28/18     | 8.00       | 24.3                   | 353                                | 65.3                            |
| CW-7      | 502546                  | 1/3/07       | 7.38       | 27.4                   | 1799                               | 807                             |
|           |                         | 5/14/07      | 7.40       | 27.4                   | 1860                               | 874                             |
|           |                         | 7/10/07      | 7.32       | 27.4                   | 1945                               | 860                             |
|           |                         | 1/8/08       | 7.26       | 27.3                   | 1860                               | 1080                            |
|           |                         | 4/15/08      | 7.31       | 27.6                   | 1758                               | 900                             |
|           |                         | 7/8/08       | 7.11       | 27.9                   | 2037                               | 890                             |
|           |                         | 7/8/08 DUP   | 7.11       | 27.9                   | 2037                               | 910                             |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|-------------|------------|------------------------|------------------------------------|---------------------------------|
| CW-8      | 543600                  | 1/24/07     | 7.67       | 29.7                   | 1232                               | 449                             |
|           |                         | 5/14/07     | 7.69       | 29.4                   | 1379                               | 529                             |
|           |                         | 7/10/07     | 7.63       | 29.8                   | 1401                               | 500                             |
|           |                         | 1/8/08      | 7.59       | 7.6                    | 1160                               | 466                             |
|           |                         | 4/15/08     | 7.54       | 29.5                   | 1135                               | 441                             |
|           |                         | 7/8/08      | 7.40       | 29.8                   | 1373                               | 504                             |
| CW-9      | 588121                  | 12/4/06     | NM         | NM                     | NM                                 | 44.5                            |
|           |                         | 1/3/07      | 7.74       | 27.0                   | 387                                | 44.9                            |
|           |                         | 5/14/07     | 7.74       | 27.5                   | 414                                | 47.8                            |
|           |                         | 7/10/07     | 7.68       | 22.6                   | 414                                | 46.7                            |
|           |                         | 1/8/08      | 7.55       | 27.3                   | 356                                | 47.3                            |
|           |                         | 4/15/08     | 7.39       | 27.4                   | 347                                | 43.7                            |
|           |                         | 7/8/08      | 7.26       | 27.9                   | 396                                | 44.1                            |
|           |                         | 10/7/08     | 7.50       | 27.7                   | 395                                | 43.5                            |
|           |                         | 2/6/09      | 7.79       | 26.8                   | 300                                | 45.1                            |
|           |                         | 4/22/09     | 7.81       | 26.3                   | 361                                | 44.3                            |
|           |                         | 7/30/09     | 7.57       | 28.3                   | 379                                | 43.8                            |
|           |                         | 11/5/09     | 6.82       | 27.4                   | 376                                | 44.7                            |
|           |                         | 2/10/10     | 7.55       | 26.0                   | 351                                | 43.4                            |
|           |                         | 5/14/10     | 7.62       | 28.1                   | 345                                | 44.2                            |
|           |                         | 7/27/10     | 7.58       | 28.4                   | 390                                | 44.1                            |
|           |                         | 10/14/10    | 7.72       | 27.5                   | 389                                | 44.2                            |
|           |                         | 2/24/11     | 7.75       | 26.3                   | 347                                | 42.7                            |
|           |                         | 4/28/11     | 7.68       | 28.8                   | 377                                | 44.4                            |
|           |                         | 7/20/11     | 7.71       | 27.8                   | 379                                | 43.9                            |
|           |                         | 12/14/11    | 7.69       | 26.5                   | 373                                | 43.80                           |
|           |                         | 1/24/12     | 7.70       | 25.1                   | 262                                | 45.60                           |
|           |                         | 5/9/12      | 7.67       | 28.3                   | 356                                | 44.39                           |
|           |                         | 8/29/12     | 7.62       | 27.9                   | 372                                | 43.94                           |
|           |                         | 12/12/12    | 7.75       | 26.6                   | 382                                | 42.14                           |
|           |                         | 2/6/13      | 7.43       | 26.7                   | 325                                | 39.87                           |
|           |                         | 5/15/13     | 7.70       | 27.0                   | 367                                | 45.78                           |
|           |                         | 7/17/13     | 7.66       | 28.1                   | 374                                | 43.70                           |
|           |                         | 10/23/13    | 7.66       | 26.9                   | 260                                | 44.4                            |
|           |                         | 1/14/14     | 7.60       | 26.1                   | 275                                | 44.3                            |
|           |                         | 1/14/14 DUP | 7.60       | 26.1                   | 275                                | 44.1                            |
|           |                         | 4/16/14     | 7.84       | 26.7                   | 304                                | 44.2                            |
|           |                         | 7/22/14     | 7.47       | 27.6                   | 446                                | 41.8                            |
|           |                         | 7/22/14 DUP | 7.47       | 27.6                   | 446                                | 42.0                            |
|           |                         | 10/13/14    | 7.97       | 27.0                   | 329                                | 42.0                            |
|           |                         | 1/13/15     | 8.05       | 26.3                   | 309                                | 44.7                            |
|           |                         | 4/14/15     | 7.52       | 27.0                   | 311                                | 47.0                            |
|           |                         | 7/27/15     | 7.82       | 27.4                   | 412                                | 49.0                            |
|           |                         | 10/20/15    | 7.87       | 26.5                   | 432                                | 45.9                            |
|           |                         | 1/20/16     | 7.94       | 25.5                   | 413                                | 46.5                            |
|           |                         | 4/19/16     | 7.89       | 25.3                   | 419                                | 48.6                            |
|           |                         | 8/22/16     | 7.87       | 27.2                   | 439.4                              | 47.5                            |
|           |                         | 10/31/16    | 8.08       | 26.9                   | 425.8                              | 47.3                            |
|           |                         | 1/17/17     | 7.74       | 25.6                   | 429.8                              | 45.6                            |
|           |                         | 5/16/17     | 7.47       | 26.3                   | 445.5                              | 50.3                            |
|           |                         | 7/20/17     | 7.98       | 27.4                   | 412                                | 48.3                            |
|           |                         | 10/24/17    | 8.05       | 27.1                   | 421                                | 48.4                            |
|           |                         | 2/12/18     | 7.94       | 26.1                   | 372                                | 45.4                            |
|           |                         | 5/15/18     | 8.05       | 27.2                   | 358                                | 49.8                            |
|           |                         | 8/7/18      | 7.93       | 27.5                   | 367                                | 50.5                            |
|           |                         | 8/7/18 DUP  | 7.93       | 27.5                   | 367                                | 50.1                            |
|           |                         | 11/28/18    | 7.93       | 26.9                   | 335                                | 52.7                            |
|           |                         | 3/6/19      | 7.98       | 26.4                   | 330                                | 53.1                            |
|           |                         | 8/14/19     | 7.93       | 26.9                   | 336                                | 50.4                            |
|           |                         | 8/14/19 DUP | 7.93       | 26.9                   | 336                                | 50.1                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| CW-10     | 207982                  | 12/4/06      | NM         | NM                     | NM                                 | 37.2                            |
|           |                         | 1/24/07      | 7.90       | 30.2                   | 385                                | 48.6                            |
|           |                         | 5/14/07      | 7.81       | 31.3                   | 392                                | 52.8                            |
|           |                         | 7/10/07      | 7.82       | 31.3                   | 403                                | 51.7                            |
|           |                         | 1/8/08       | 7.79       | 28.2                   | 334                                | 45.3                            |
|           |                         | 4/15/08      | 7.51       | 30.6                   | 339                                | 50.8                            |
|           |                         | 7/8/08       | 7.34       | 31.2                   | 385                                | 50.5                            |
|           |                         | 10/7/08      | 7.59       | 30.5                   | 380                                | 48.3                            |
|           |                         | 2/6/09       | 7.91       | 29.8                   | 295                                | 51.3                            |
|           |                         | 4/22/09      | 7.71       | 29.2                   | 349                                | 47.9                            |
|           |                         | 7/30/09      | 7.60       | 31.5                   | 375                                | 49.2                            |
|           |                         | 7/30/09 DUP  | 7.60       | 31.5                   | 375                                | 49.4                            |
|           |                         | 11/5/09      | 7.60       | 29.7                   | 364                                | 49.9                            |
|           |                         | 2/10/10      | 7.69       | 28.4                   | 346                                | 44.9                            |
|           |                         | 5/14/10      | 7.79       | 30.7                   | 349                                | 49.1                            |
|           |                         | 7/27/10      | 7.69       | 31.4                   | 380                                | 48.9                            |
|           |                         | 10/14/10     | 7.74       | 30.2                   | 377                                | 48.5                            |
|           |                         | 2/24/11      | 7.83       | 29.3                   | 346                                | 50.2                            |
|           |                         | 2/24/11 DUP  | 7.83       | 29.3                   | 346                                | 50.2                            |
|           |                         | 4/28/11      | 7.54       | 27.9                   | 372                                | 49.6                            |
|           |                         | 7/20/11      | 7.72       | 31.4                   | 383                                | 50.7                            |
|           |                         | 12/14/11     | 7.81       | 29.8                   | 370                                | 49.24                           |
|           |                         | 1/24/12      | 7.77       | 28.7                   | 265                                | 52.32                           |
|           |                         | 5/9/12       | 7.85       | 30.9                   | 354                                | 52.51                           |
|           |                         | 8/29/12      | 7.74       | 31.4                   | 369                                | 50.95                           |
|           |                         | 12/12/12     | 7.77       | 29.3                   | 392                                | 52.33                           |
|           |                         | 2/6/13       | 7.52       | 29.3                   | 332                                | 47.91                           |
|           |                         | 5/15/13      | 7.85       | 30.6                   | 365                                | 52.35                           |
|           |                         | 5/15/13 DUP  | 7.85       | 30.6                   | 365                                | 52.77                           |
|           |                         | 7/17/13      | 8.12       | 31.5                   | 353                                | 54.80                           |
|           |                         | 10/25/13     | 7.70       | 29.8                   | 260                                | 51.7                            |
|           |                         | 1/14/14      | 7.45       | 29.2                   | 266                                | 50.8                            |
|           |                         | 4/16/14      | 7.93       | 30.0                   | 298                                | 50.2                            |
|           |                         | 7/22/14      | 7.93       | 31.0                   | 427                                | 47.9                            |
|           |                         | 10/13/14     | 7.98       | 30.7                   | 322                                | 48.2                            |
|           |                         | 1/13/15      | 8.05       | 29.9                   | 296                                | 48.5                            |
|           |                         | 4/14/15      | 7.60       | 29.9                   | 315                                | 56.7                            |
|           |                         | 4/14/15 DUP  | 7.60       | 29.9                   | 315                                | 57.5                            |
|           |                         | 7/27/15      | 7.83       | 31.2                   | 399                                | 55.1                            |
|           |                         | 10/20/15     | 7.90       | 30.2                   | 415                                | 46.6                            |
|           |                         | 1/20/16      | 8.05       | 27.4                   | 403                                | 49.9                            |
|           |                         | 4/19/16      | 7.99       | 27.0                   | 426                                | 50.8                            |
|           |                         | 8/22/16      | 7.97       | 32.1                   | 423.5                              | 54.4                            |
|           |                         | 10/31/16     | 8.27       | 29.5                   | 444.6                              | 54.7                            |
|           |                         | 1/17/17      | 7.79       | 29.0                   | 408.4                              | 46.1                            |
|           |                         | 5/16/17      | 7.63       | 30.5                   | 470                                | 53.0                            |
|           |                         | 7/20/17      | 8.03       | 30.6                   | 394                                | 47.1                            |
|           |                         | 10/24/17     | 8.23       | 30.3                   | 400                                | 46.4                            |
|           |                         | 5/15/18      | 7.77       | 30.8                   | 325                                | 44.4                            |
|           |                         | 8/7/18       | 8.79       | 31.0                   | 328                                | 44.4                            |
|           |                         | 11/28/18     | 8.03       | 29.7                   | 311                                | 46.2                            |
|           |                         | 11/28/18 DUP | 8.03       | 29.7                   | 311                                | 47.5                            |
|           |                         | 3/6/19       | 8.10       | 29.1                   | 320                                | 46.0                            |
|           |                         | 3/6/19 DUP   | 8.10       | 29.1                   | 320                                | 46.2                            |
|           |                         | 4/24/19      | 7.93       | 29.6                   | 304                                | 45.3                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| ESP-1     | 623102                  | 12/4/06      | NM         | NM                     | NM                                 | 262                             |
|           |                         | 1/3/07       | 7.65       | 28.0                   | 869                                | 242                             |
|           |                         | 5/14/07      | 7.70       | 28.7                   | 592                                | 113                             |
|           |                         | 7/10/07      | 7.66       | 28.8                   | 584                                | 94                              |
|           |                         | 1/23/08      | 7.73       | 27.6                   | 492                                | 100                             |
|           |                         | 4/18/08      | 7.61       | 29.6                   | 474                                | 102                             |
|           |                         | 7/25/08      | 7.52       | 28.4                   | 561                                | 104                             |
|           |                         | 10/30/08     | 7.55       | 26.9                   | 576                                | 121                             |
|           |                         | 1/29/09      | 7.44       | 25.2                   | 491                                | 113                             |
|           |                         | 4/16/09      | 7.72       | 25.4                   | 541                                | 130                             |
|           |                         | 11/10/09     | 7.45       | 26.8                   | 649                                | 173                             |
|           |                         | 4/28/10      | 7.49       | 28.7                   | 639                                | 204                             |
|           |                         | 10/15/10     | 7.49       | 27.7                   | 953                                | 291                             |
|           |                         | 5/3/11       | 7.51       | 28.1                   | 1060                               | 359                             |
|           |                         | 12/13/11     | 7.49       | 26.1                   | 1046                               | 387.52                          |
|           |                         | 6/19/12      | 7.43       | 30.4                   | 1221                               | 395.72                          |
| ESP-2     | 623103                  | 12/4/06      | NM         | NM                     | NM                                 | 29.6                            |
|           |                         | 1/3/07       | 7.82       | 28.4                   | 377                                | 31.3                            |
|           |                         | 5/14/07      | 7.86       | 27.8                   | 368                                | 28.4                            |
|           |                         | 7/10/07      | 7.73       | 28.9                   | 380                                | 28.6                            |
|           |                         | 1/23/08      | 7.85       | 25.8                   | 366                                | 30                              |
|           |                         | 4/18/08      | 7.80       | 27.3                   | 325                                | 27.6                            |
|           |                         | 7/25/08      | 7.65       | 28.6                   | 361                                | 26.8                            |
|           |                         | 10/30/08     | 7.22       | 27.5                   | 374                                | 30.1                            |
|           |                         | 10/30/08 DUP | 7.22       | 27.5                   | 374                                | 30                              |
|           |                         | 1/29/09      | 6.38       | 25.4                   | 317                                | 27.8                            |
|           |                         | 4/16/09      | 7.55       | 24.0                   | 307                                | 28.2                            |
|           |                         | 11/10/09     | 7.58       | 27.0                   | 343                                | 28.9                            |
|           |                         | 4/28/10      | 7.67       | 27.9                   | 324                                | 28.7                            |
|           |                         | 10/15/10     | 7.78       | 27.6                   | 355                                | 27.9                            |
|           |                         | 10/15/10 DUP | 7.78       | 27.6                   | 355                                | 27.8                            |
|           |                         | 5/3/11       | 7.72       | 27.8                   | 361                                | 28.1                            |
|           |                         | 5/3/11 DUP   | 7.72       | 27.8                   | 361                                | 28.1                            |
|           |                         | 11/22/11     | 7.84       | 26.0                   | 350                                | 26.65                           |
|           |                         | 6/19/12      | 7.65       | 31.7                   | 387                                | 27.75                           |
|           |                         | 11/21/12     | 7.55       | 28.8                   | 333                                | 26.79                           |
|           |                         | 5/20/13      | 7.70       | 28.2                   | 350                                | 27.86                           |
|           |                         | 11/5/13      | 7.72       | 27.9                   | 245                                | 26.9                            |
|           |                         | 4/28/14      | 7.91       | 27.5                   | 291                                | 28.3                            |
|           |                         | 10/1/14      | 7.96       | 28.3                   | 327                                | 26.8                            |
|           |                         | 5/12/15      | 7.89       | 27.5                   | 274                                | 29.1                            |
|           |                         | 10/21/15     | 7.84       | 27.4                   | 321                                | 30.2                            |
|           |                         | 2/9/16       | 7.84       | 26.7                   | 427                                | 30.9                            |
|           |                         | 6/7/16       | 7.84       | 27.7                   | 282                                | 32.7                            |
|           |                         | 9/7/16       | 8.03       | 26.8                   | 402.3                              | 31.9                            |
|           |                         | 10/4/16      | 7.99       | 29.1                   | 406.3                              | 30.4                            |
|           |                         | 1/18/17      | 7.93       | 27.4                   | 397.6                              | 31.0                            |
|           |                         | 5/22/17      | 7.98       | 29.2                   | 408.5                              | 32.6                            |
|           |                         | 8/7/17       | 7.98       | 28.6                   | 374                                | 30.5                            |
|           |                         | 10/17/17     | 8.08       | 29.3                   | 404                                | 30.6                            |
|           |                         | 1/16/18      | 8.08       | 27.8                   | 312                                | 29.2                            |
|           |                         | 4/5/18       | 7.70       | 29.0                   | 325                                | 30.4                            |
|           |                         | 12/10/18     | 8.00       | 28.1                   | 293                                | 32.5                            |
|           |                         | 6/12/19      | 8.04       | 29.3                   | 234                                | 32.7                            |
|           |                         | 9/12/19      | 7.88       | 28.7                   | 404                                | 31.4                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| ESP-3     | 623104                  | 12/4/06      | NM         | NM                     | NM                                 | 36.2                            |
|           |                         | 1/3/07       | 7.83       | 27.8                   | 393                                | 37.5                            |
|           |                         | 5/14/07      | 7.78       | 28.8                   | 374                                | 36.6                            |
|           |                         | 5/14/07      | 7.78       | 28.8                   | 374                                | 36.6                            |
|           |                         | 7/10/07      | 7.84       | 29.2                   | 378                                | 36.6                            |
|           |                         | 1/23/08      | 7.99       | 26.1                   | 373                                | 30                              |
|           |                         | 4/18/08      | 7.82       | 27.8                   | 322                                | 35.7                            |
|           |                         | 7/25/08      | 7.70       | 28.2                   | 358                                | 34                              |
|           |                         | 10/30/08     | 7.58       | 27.8                   | 375                                | 36.8                            |
|           |                         | 1/29/09      | 7.73       | 23.9                   | 327                                | 35.2                            |
|           |                         | 4/16/09      | 7.62       | 26.1                   | 327                                | 35.3                            |
|           |                         | 11/12/09     | 7.71       | 27.0                   | 354                                | 39.5                            |
|           |                         | 4/28/10      | 7.77       | 25.8                   | 326                                | 35.8                            |
|           |                         | 10/15/10     | 7.76       | 27.5                   | 356                                | 35.2                            |
|           |                         | 5/3/11       | 7.82       | 27.2                   | 362                                | 35.1                            |
|           |                         | 11/22/11     | 7.95       | 27.6                   | 337                                | 34.18                           |
|           |                         | 6/19/12      | 7.87       | 30.6                   | 390                                | 34.98                           |
|           |                         | 11/21/12     | 7.59       | 28.4                   | 327                                | 35.4                            |
|           |                         | 5/22/13      | 7.71       | 26.7                   | 368                                | 35.87                           |
|           |                         | 11/5/13      | 7.76       | 27.2                   | 242                                | 35.6                            |
|           |                         | 4/28/14      | 7.90       | 27.7                   | 287                                | 35.9                            |
|           |                         | 10/1/14      | 7.99       | 28.2                   | 324                                | 33.6                            |
|           |                         | 5/12/15      | 7.90       | 27.8                   | 269                                | 36.4                            |
|           |                         | 10/21/15     | 7.94       | 28.4                   | 312                                | 36.9                            |
|           |                         | 2/9/16       | 7.84       | 27.8                   | 396                                | 38.2                            |
|           |                         | 6/7/16       | 7.85       | 27.9                   | 270                                | 38.3                            |
|           |                         | 9/7/16       | 8.08       | 27.5                   | 393.1                              | 38.0                            |
|           |                         | 9/7/16 DUP   | 8.08       | 27.5                   | 393.1                              | 37.8                            |
|           |                         | 10/4/16      | 7.99       | 28.7                   | 395.7                              | 36.7                            |
|           |                         | 1/18/17      | 7.79       | 27.8                   | 406.1                              | 35.3                            |
|           |                         | 1/18/17 DUP  | 7.79       | 27.8                   | 406.1                              | 36.0                            |
|           |                         | 5/22/17      | 7.90       | 28.4                   | 398.5                              | 37.4                            |
|           |                         | 8/7/17       | 7.84       | 28.4                   | 365                                | 36.4                            |
|           |                         | 10/17/17     | 8.08       | 28.9                   | 392                                | 36.7                            |
|           |                         | 1/16/18      | 7.88       | 27.8                   | 303                                | 34.5                            |
|           |                         | 4/5/18       | 7.96       | 29.0                   | 320                                | 35.7                            |
|           |                         | 12/10/18     | 8.12       | 28.2                   | 292                                | 39.4                            |
|           |                         | 12/10/18 DUP | 8.12       | 28.2                   | 292                                | 39.5                            |
|           |                         | 6/12/19      | 8.06       | 28.9                   | 227                                | 38.4                            |
|           |                         | 6/12/19 DUP  | 8.06       | 28.9                   | 227                                | 38.4                            |
|           |                         | 9/12/19      | 7.98       | 28.6                   | 391                                | 37.7                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(μS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| ESP-4     | 623105                  | 3/20/07      | 7.67       | 26.7                   | 1187                               | 393                             |
|           |                         | 6/4/07       | 7.45       | 28.4                   | 733                                | 385                             |
|           |                         | 7/24/07      | 7.34       | 28.4                   | 918                                | 410                             |
|           |                         | 7/24/07      | 7.34       | 28.4                   | 918                                | 420                             |
|           |                         | 1/23/08      | 7.83       | 24.4                   | 787                                | 520                             |
|           |                         | 4/18/08      | 7.71       | 27.2                   | 821                                | 462                             |
|           |                         | 7/25/08      | 7.52       | 28.6                   | 1096                               | 420                             |
|           |                         | 10/30/08     | 7.23       | 25.9                   | 962                                | 489                             |
|           |                         | 1/29/09      | 7.52       | 24.7                   | 950                                | 522                             |
|           |                         | 4/16/09      | 7.30       | 25.4                   | 873                                | 521                             |
|           |                         | 10/23/09     | 7.41       | 27.8                   | 954                                | 485                             |
|           |                         | 4/28/10      | 7.37       | 26.7                   | 936                                | 558                             |
|           |                         | 4/28/10 DUP  | 7.37       | 26.7                   | 936                                | 520                             |
|           |                         | 10/15/10     | 7.41       | 27.9                   | 1356                               | 539                             |
|           |                         | 5/3/11       | 7.54       | 27.1                   | 1465                               | 595                             |
|           |                         | 11/12/12     | 7.60       | 26.3                   | 1337                               | 618.5                           |
|           |                         | 5/20/13      | 7.46       | 28.5                   | 1173                               | 581.6                           |
|           |                         | 11/5/13      | 7.47       | 26.8                   | 843                                | 585                             |
|           |                         | 4/28/14      | 7.70       | 25.8                   | 814                                | 352                             |
|           |                         | 10/1/14      | 7.69       | 26.5                   | 993                                | 397                             |
|           |                         | 5/12/15      | 7.69       | 26.8                   | 766                                | 423                             |
|           |                         | 10/19/15     | 7.63       | 27.3                   | 972                                | 420                             |
|           |                         | 10/19/15 DUP | 7.63       | 27.3                   | 972                                | 420                             |
|           |                         | 6/7/16       | 7.55       | 26.9                   | 757                                | 385                             |
|           |                         | 10/4/16      | 7.86       | 27.0                   | 1205                               | 368                             |
|           |                         | 10/4/16 DUP  | 7.86       | 27.0                   | 1205                               | 362                             |
|           |                         | 5/22/17      | 7.56       | 27.7                   | 1190                               | 342                             |
|           |                         | 10/17/17     | 7.82       | 28.8                   | 1124                               | 341                             |
|           |                         | 4/5/18       | 7.89       | 27.7                   | 920                                | 302                             |
|           |                         | 4/5/18 DUP   | 7.89       | 27.7                   | 920                                | 301                             |
|           |                         | 12/10/18     | 7.85       | 27.3                   | 683                                | 332                             |
|           |                         | 6/12/19      | 7.86       | 28.5                   | 297                                | 222                             |
|           |                         | 9/12/19      | 7.85       | 27.5                   | 812                                | 200                             |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55 Registry No. | Sample Date | pH (SU) | Temperature (deg C) | Specific Conductance (µS/cm) | Sulfate, Dissolved (mg/L) |
|-----------|----------------------|-------------|---------|---------------------|------------------------------|---------------------------|
| FFS-1     | 221662               | 2/4/14      | 7.63    | 23.2                | 3230                         | 1780                      |
|           |                      | 2/4/14 DUP  | 7.63    | 23.2                | 3230                         | 1750                      |
|           |                      | 4/15/14     | 7.61    | 25.6                | 1871                         | 1760                      |
|           |                      | 7/9/14      | 7.08    | 26.4                | 3080                         | 1850                      |
|           |                      | 11/11/14    | 7.44    | 25.5                | 3170                         | 1790                      |
|           |                      | 1/12/15     | 7.57    | 24.6                | 3150                         | 1770                      |
|           |                      | 1/12/15 DUP | 7.57    | 24.6                | 3150                         | 1760                      |
|           |                      | 7/15/15     | 7.64    | 27.2                | 2980                         | 1770                      |
|           |                      | 11/3/15     | 7.41    | 24.6                | 1560                         | 1750                      |
|           |                      | 11/3/15 DUP | 7.41    | 24.6                | 1560                         | 1690                      |
|           |                      | 1/5/16      | 6.73    | 23.5                | 1854                         | 1850                      |
|           |                      | 5/9/16      | 7.43    | 25.7                | 1310                         | 1860                      |
|           |                      | 5/9/16 DUP  | 7.43    | 25.7                | 1310                         | 1880                      |
|           |                      | 8/18/16     | 6.91    | 25.6                | 3641                         | 1820                      |
| FFS-2     | 221663               | 4/17/17     | 7.76    | 25.4                | 3339                         | 1790                      |
|           |                      | 5/10/18     | 7.71    | 27.6                | 2446                         | 1820                      |
|           |                      | 4/22/19     | 7.68    | 25.2                | 752                          | 1880                      |
|           |                      | 2/4/14      | 7.61    | 24.4                | 3120                         | 1730                      |
|           |                      | 4/15/14     | 7.46    | 27.0                | 1788                         | 1710                      |
|           |                      | 4/15/14 DUP | 7.46    | 27.0                | 1788                         | 1730                      |
|           |                      | 7/9/14      | 6.97    | 27.4                | 2920                         | 1840                      |
|           |                      | 7/9/14 DUP  | 6.97    | 27.4                | 2920                         | 1820                      |
|           |                      | 11/11/14    | 7.22    | 26.4                | 3100                         | 1800                      |
|           |                      | 1/12/15     | 7.48    | 26.3                | 3050                         | 1760                      |
|           |                      | 4/2/15      | 7.49    | 26.5                | 1570                         | 1800                      |
|           |                      | 4/2/15 DUP  | 7.49    | 26.5                | 1570                         | 1800                      |
|           |                      | 7/15/15     | 6.45    | 28.2                | 2900                         | 1850                      |
|           |                      | 11/3/15     | 7.35    | 25.4                | 1526                         | 1760                      |
| FFS-3     | 221664               | 1/5/16      | 6.88    | 24.0                | 1729                         | 1900                      |
|           |                      | 5/16/16     | 7.36    | 27.5                | 1490                         | 1920                      |
|           |                      | 8/18/16     | 7.23    | 27.1                | 3583                         | 1940                      |
|           |                      | 4/17/17     | 7.61    | 26.8                | 3349                         | 1820                      |
|           |                      | 4/25/18     | 7.65    | 28.4                | 2608                         | 1920                      |
|           |                      | 4/22/19     | 7.74    | 27.3                | 1223                         | 1960                      |
|           |                      | 2/4/14      | 7.37    | 29.5                | 2630                         | 1450                      |
|           |                      | 4/15/14     | 7.41    | 31.1                | 1559                         | 1440                      |
|           |                      | 7/9/14      | 6.98    | 32.0                | 2580                         | 1560                      |
|           |                      | 11/11/14    | 7.16    | 30.3                | 2670                         | 1570                      |
|           |                      | 1/12/15     | 7.43    | 29.6                | 1840                         | 1500                      |
|           |                      | 4/2/15      | 7.38    | 29.3                | 1433                         | 1490                      |
|           |                      | 7/15/15     | 6.93    | 31.6                | 2550                         | 1560                      |
|           |                      | 11/3/15     | 7.49    | 29.1                | 1511                         | 1480                      |
| FFS-4     | 221665               | 1/5/16      | 7.03    | 28.6                | 1604                         | 1590                      |
|           |                      | 5/16/16     | 7.43    | 31.4                | 1461                         | 1580                      |
|           |                      | 8/22/16     | 7.40    | 31.9                | 3027                         | 1580                      |
|           |                      | 4/17/17     | 7.64    | 32.4                | 2831                         | 1490                      |
|           |                      | 4/26/18     | 7.72    | 31.9                | 2293                         | 1530                      |
|           |                      | 4/26/18 DUP | 7.72    | 31.9                | 2293                         | 1570                      |
|           |                      | 4/22/19     | 7.79    | 31.3                | 1308                         | 1580                      |
|           |                      | 2/4/14      | 7.59    | 29.1                | 1857                         | 1100                      |
|           |                      | 4/15/14     | 7.64    | 31.4                | 1347                         | 1140                      |
|           |                      | 7/9/14      | 7.09    | 32.6                | 2190                         | 1260                      |
|           |                      | 11/11/14    | 7.21    | 30.6                | 1821                         | 1310                      |
|           |                      | 1/12/15     | 7.52    | 30.3                | 1603                         | 1230                      |
|           |                      | 4/2/15      | 7.58    | 30.0                | 1317                         | 1230                      |
|           |                      | 11/3/15     | 7.57    | 30.1                | 1439                         | 1240                      |
|           |                      | 1/5/16      | 7.13    | 30.0                | 1499                         | 1320                      |
|           |                      | 1/5/16 DUP  | 7.13    | 30.0                | 1499                         | 1330                      |
|           |                      | 5/16/16     | 7.50    | 31.9                | 1360                         | 1380                      |
|           |                      | 8/22/16     | 7.49    | 32.9                | 2666                         | 1380                      |
|           |                      | 4/17/17     | 7.70    | 32.9                | 2570                         | 1310                      |
|           |                      | 5/1/18      | 7.62    | 32.4                | 2011                         | 1350                      |
|           |                      | 4/22/19     | 7.83    | 32.7                | 1203                         | 1320                      |



**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55 Registry No. | Sample Date  | pH (SU) | Temperature (deg C) | Specific Conductance (μS/cm) | Sulfate, Dissolved (mg/L) |
|-----------|----------------------|--------------|---------|---------------------|------------------------------|---------------------------|
| FFS-5     | 221666               | 2/4/14       | 7.36    | 27.5                | 2580                         | 1360                      |
|           |                      | 4/15/14      | 7.56    | 28.8                | 1528                         | 1360                      |
|           |                      | 7/9/14       | 6.93    | 30.0                | 2460                         | 1400                      |
|           |                      | 11/11/14     | 7.13    | 29.0                | 2570                         | 1410                      |
|           |                      | 11/11/14 DUP | 7.13    | 29.0                | 2570                         | 1320                      |
|           |                      | 1/12/15      | 7.48    | 28.5                | 1776                         | 1360                      |
|           |                      | 4/2/15       | 7.40    | 28.0                | 1410                         | 1390                      |
|           |                      | 7/15/15      | 6.47    | 30.5                | 2460                         | 1430                      |
|           |                      | 11/3/15      | 7.41    | 28.2                | 1541                         | 1400                      |
|           |                      | 1/6/16       | 7.12    | 25.6                | 1555                         | 1550                      |
|           |                      | 5/16/16      | 7.46    | 29.3                | 1380                         | 1470                      |
|           |                      | 8/22/16      | 7.36    | 30.5                | 3052                         | 1440                      |
|           |                      | 8/22/16 DUP  | 7.36    | 30.5                | 3052                         | 1520                      |
| FFS-6     | 221667               | 4/17/17      | 7.57    | 30.3                | 2900                         | 1500                      |
|           |                      | 4/22/19      | 7.98    | 29.2                | 1268                         | 1620                      |
|           |                      | 2/4/14       | 7.41    | 27.4                | 2250                         | 1260                      |
|           |                      | 4/15/14      | 7.53    | 29.2                | 1378                         | 1130                      |
|           |                      | 7/9/14       | 6.94    | 29.9                | 2220                         | 1210                      |
|           |                      | 11/11/14     | 7.10    | 28.4                | 1833                         | 1170                      |
|           |                      | 1/12/15      | 7.52    | 29.2                | 1609                         | 1180                      |
|           |                      | 1/12/15 DUP  | 7.52    | 29.2                | 1609                         | 1190                      |
|           |                      | 4/2/15       | 7.47    | 27.2                | 1323                         | 1210                      |
|           |                      | 7/15/15      | 7.11    | 31.5                | 2190                         | 1220                      |
|           |                      | 7/15/15 DUP  | 7.11    | 31.5                | 2190                         | 1260                      |
|           |                      | 11/4/15      | 7.16    | 26.6                | 1407                         | 1200                      |
|           |                      | 1/6/16       | 7.18    | 26.8                | 1540                         | 1270                      |
|           |                      | 5/16/16      | 7.53    | 29.4                | 1367                         | 1270                      |
|           |                      | 8/22/16      | 7.36    | 30.2                | 2655                         | 1250                      |
|           |                      | 4/17/17      | 7.44    | 27.1                | 1367                         | 1590                      |
|           |                      | 6/29/18      | 7.71    | 29.9                | 2065                         | 1310                      |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name    | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|--------------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| GV-01-GVDWID | 603428                  | 8/6/06       | NM         | NM                     | NM                                 | 41.2                            |
|              |                         | 1/9/07       | 8.00       | 25.8                   | 424                                | 40.9                            |
|              |                         | 4/10/07      | 7.69       | 27.2                   | 421                                | 43.2                            |
|              |                         | 7/11/07      | 7.64       | 26.8                   | 447                                | 41.5                            |
|              |                         | 1/7/08       | 7.49       | 25.7                   | 422                                | 45.7                            |
|              |                         | 4/16/08      | 7.29       | 25.8                   | 399                                | 44.1                            |
|              |                         | 7/7/08       | 7.14       | 26.1                   | 466                                | 45.2                            |
|              |                         | 10/9/08      | 7.25       | 26.6                   | 414                                | 39                              |
|              |                         | 2/4/09       | 7.50       | 26.4                   | 338                                | 42.3                            |
|              |                         | 4/22/09      | 7.05       | 27.8                   | 380                                | 40.6                            |
|              |                         | 7/29/09      | 7.17       | 24.6                   | 606                                | 44.3                            |
|              |                         | 11/4/09      | 7.45       | 25.1                   | 415                                | 45.1                            |
|              |                         | 1/27/10      | 7.54       | 24.5                   | 411                                | 47.0                            |
|              |                         | 4/1/10       | 7.49       | 24.6                   | 420                                | 48.5                            |
|              |                         | 7/28/10      | 7.20       | 28.1                   | 348                                | 39.4                            |
|              |                         | 10/14/10     | 7.29       | 26.4                   | 411                                | 38.4                            |
|              |                         | 1/20/11      | 7.04       | 23.0                   | 408                                | 40.0                            |
|              |                         | 4/28/11      | 7.30       | 27.5                   | 421                                | 42.9                            |
|              |                         | 7/20/11      | 6.88       | 27.1                   | 429                                | 39.6                            |
|              |                         | 12/7/11      | 7.68       | 25.4                   | 416                                | 39.31                           |
|              |                         | 3/14/12      | 7.61       | 26.0                   | 406                                | 35.56                           |
|              |                         | 6/7/12       | 7.21       | 26.9                   | 420                                | 37.87                           |
|              |                         | 8/29/12      | 7.38       | 27.6                   | 409                                | 36.15                           |
|              |                         | 11/15/12     | 7.27       | 23.9                   | 450                                | 33.95                           |
|              |                         | 1/29/13      | 7.34       | 24.9                   | 373                                | 38.61                           |
|              |                         | 5/16/13      | 7.64       | 26.8                   | 398                                | 38.80                           |
|              |                         | 7/11/13      | 7.79       | 26.4                   | 367                                | 42.60                           |
|              |                         | 7/11/13 DUP  | 7.79       | 26.4                   | 367                                | 42.50                           |
|              |                         | 10/16/13     | 6.72       | 26.0                   | 388                                | 33.0                            |
|              |                         | 1/10/14      | 7.31       | 24.2                   | 486                                | 34.2                            |
|              |                         | 1/10/14 DUP  | 7.31       | 24.2                   | 486                                | 34.2                            |
|              |                         | 4/15/14      | 7.95       | 25.2                   | 325                                | 35.5                            |
|              |                         | 7/21/14      | 7.42       | 27.3                   | 498                                | 31.9                            |
|              |                         | 1/12/15      | 7.74       | 25.1                   | 325                                | 33.7                            |
|              |                         | 4/15/15      | 7.56       | 27.2                   | 347                                | 37.6                            |
|              |                         | 7/22/15      | 7.65       | 26.5                   | 446                                | 41.8                            |
|              |                         | 10/21/15     | 7.22       | 25.8                   | 345                                | 34.5                            |
|              |                         | 10/21/15 DUP | 7.22       | 25.8                   | 345                                | 33.7                            |
|              |                         | 1/19/16      | 7.98       | 24.8                   | 435                                | 33.7                            |
|              |                         | 4/20/16      | 7.45       | 26.7                   | 368                                | 40.9                            |
|              |                         | 8/24/16      | 7.94       | 27.6                   | 515                                | 34.1                            |
|              |                         | 11/3/16      | 7.98       | 25.3                   | 456                                | 36.8                            |
|              |                         | 1/19/17      | 7.87       | 24.4                   | 444.4                              | 33.3                            |
|              |                         | 5/31/17      | 7.79       | 26.5                   | 482                                | 30.1                            |
|              |                         | 7/13/17      | 7.93       | 26.0                   | 427                                | 27.0                            |
|              |                         | 10/25/17     | 8.02       | 26.2                   | 401                                | 27.2                            |
|              |                         | 2/13/18      | 8.07       | 25.0                   | 359                                | 25.4                            |
|              |                         | 5/16/18      | 7.86       | 27.0                   | 379                                | 26.4                            |
|              |                         | 8/15/18      | 7.93       | 25.8                   | 292                                | 25.3                            |
|              |                         | 11/28/18     | 8.08       | 24.8                   | 312                                | 27.3                            |
|              |                         | 3/7/19       | 7.41       | 24.7                   | 312                                | 26.0                            |
|              |                         | 4/25/19      | 8.06       | 26.0                   | 281                                | 25.2                            |
|              |                         | 7/30/19      | 7.37       | 25.8                   | 314                                | 22.5                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name    | ADWR 55<br>Registry No. | Sample Date | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|--------------|-------------------------|-------------|------------|------------------------|------------------------------------|---------------------------------|
| GV-02-GVDWID | 603429                  | 8/6/06      | NM         | NM                     | NM                                 | 48.6                            |
|              |                         | 10/4/06     | NM         | NM                     | NM                                 | 95.3                            |
|              |                         | 1/9/07      | 7.68       | 23.6                   | 626                                | 103                             |
|              |                         | 4/10/07     | 7.60       | 24.1                   | 479                                | 106                             |
|              |                         | 7/11/07     | 7.50       | 24.0                   | 649                                | 98                              |
|              |                         | 1/7/08      | 7.32       | 23.3                   | 611                                | 98                              |
|              |                         | 4/16/08     | 7.28       | 23.7                   | 553                                | 97                              |
|              |                         | 7/7/08      | 7.12       | 23.8                   | 642                                | 93.2                            |
|              |                         | 10/9/08     | 7.18       | 24.2                   | 599                                | 93.5                            |
|              |                         | 2/4/09      | 7.36       | 23.9                   | 489                                | 98.8                            |
|              |                         | 4/22/09     | 6.67       | 26.5                   | 485                                | 79.5                            |
|              |                         | 7/29/09     | 7.02       | 26.4                   | 427                                | 91.6                            |
|              |                         | 11/4/09     | 7.25       | 24.3                   | 547                                | 93.2                            |
|              |                         | 1/27/10     | 7.47       | 22.0                   | 547                                | 94.9                            |
|              |                         | 1/27/10 DUP | 7.47       | 22.0                   | 547                                | 94.5                            |
|              |                         | 4/1/10      | 7.33       | 22.9                   | 555                                | 99.5                            |
|              |                         | 7/28/10     | 7.23       | 24.6                   | 650                                | 83                              |
|              |                         | 10/14/10    | 7.36       | 24.5                   | 629                                | 90.7                            |
|              |                         | 1/20/11     | 7.37       | 23.1                   | 611                                | 92.7                            |
|              |                         | 4/28/11     | 7.43       | 24.5                   | 612                                | 87.3                            |
|              |                         | 7/20/11     | 7.35       | 24.0                   | 624                                | 87.2                            |
|              |                         | 12/7/11     | 7.53       | 21.8                   | 578                                | 77.88                           |
|              |                         | 3/14/12     | 7.37       | 23.8                   | 566                                | 77.35                           |
|              |                         | 6/7/12      | 7.14       | 24.0                   | 559                                | 71.78                           |
|              |                         | 8/29/12     | 7.49       | 26.3                   | 495                                | 62.98                           |
|              |                         | 8/29/12 DUP | 7.49       | 26.3                   | 495                                | 63.26                           |
|              |                         | 11/15/12    | 7.55       | 23.4                   | 543                                | 63.97                           |
|              |                         | 1/29/13     | 7.35       | 22.7                   | 457                                | 61.02                           |
|              |                         | 1/29/13 DUP | 7.35       | 22.7                   | 457                                | 61.23                           |
|              |                         | 5/16/13     | 7.54       | 24.4                   | 482                                | 63.14                           |
|              |                         | 7/11/13     | 7.72       | 24.4                   | 423                                | 64.20                           |
|              |                         | 10/16/13    | 6.67       | 23.5                   | 469                                | 53.3                            |
|              |                         | 1/10/14     | 7.37       | 22.1                   | 553                                | 55.3                            |
|              |                         | 4/15/14     | 7.92       | 23.5                   | 343                                | 45.7                            |
|              |                         | 7/21/14     | 7.31       | 24.8                   | 544                                | 42.1                            |
|              |                         | 10/14/14    | 7.73       | 23.5                   | 449                                | 48.5                            |
|              |                         | 1/12/15     | 7.56       | 22.7                   | 387                                | 46.4                            |
|              |                         | 4/15/15     | 7.18       | 23.9                   | 419                                | 58.7                            |
|              |                         | 7/22/15     | 7.86       | 24.9                   | 484                                | 49.8                            |
|              |                         | 10/21/15    | 7.70       | 24.0                   | 406                                | 52.4                            |
|              |                         | 4/20/16     | 7.10       | 24.3                   | 428                                | 52.8                            |
|              |                         | 11/3/16     | 8.00       | 24.2                   | 503                                | 44.3                            |
|              |                         | 11/3/16 DUP | 8.00       | 24.2                   | 503                                | 44.3                            |
|              |                         | 1/19/17     | 7.90       | 22.7                   | 496                                | 43.6                            |
|              |                         | 5/15/17     | 7.64       | 24.3                   | 462                                | 37.6                            |
|              |                         | 7/13/17     | 8.00       | 24.1                   | 480                                | 37.7                            |
|              |                         | 10/25/17    | 8.00       | 24.4                   | 455                                | 37.7                            |
|              |                         | 2/13/18     | 7.90       | 23.5                   | 426                                | 36.2                            |
|              |                         | 5/16/18     | 7.93       | 23.8                   | 413                                | 41.8                            |
|              |                         | 11/28/18    | 7.96       | 23.7                   | 358                                | 47.6                            |
|              |                         | 3/7/19      | 7.67       | 23.2                   | 345                                | 49.3                            |
|              |                         | 4/25/19     | 7.96       | 23.8                   | 344                                | 51.5                            |
|              |                         | 7/30/19     | 7.63       | 24.3                   | 310                                | 45.0                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name    | ADWR 55<br>Registry No. | Sample Date | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|--------------|-------------------------|-------------|------------|------------------------|------------------------------------|---------------------------------|
| GV-SI-GVDWID | 208825                  | 10/4/06     | NM         | NM                     | NM                                 | 5.9                             |
|              |                         | 1/9/07      | 7.90       | 26.7                   | 358                                | 5.7                             |
|              |                         | 4/10/07     | 7.48       | 26.8                   | 367                                | 6.6                             |
|              |                         | 7/11/07     | 7.59       | 27.1                   | 389                                | 6.9                             |
|              |                         | 1/7/08      | 7.00       | 26.6                   | 342                                | 8                               |
|              |                         | 4/16/08     | 7.27       | 26.4                   | 331                                | 2                               |
|              |                         | 7/7/08      | 7.18       | 27.2                   | 382                                | <0.5                            |
|              |                         | 10/9/08     | 7.44       | 26.7                   | 352                                | 5.4                             |
|              |                         | 2/4/09      | 7.56       | 27.3                   | 290                                | 6.2                             |
|              |                         | 4/22/09     | 6.95       | 28.0                   | 330                                | 5.6                             |
|              |                         | 4/1/10      | 7.55       | 26.1                   | 339                                | 6.9                             |
|              |                         | 4/28/11     | 7.57       | 27.1                   | 364                                | 6.0                             |
|              |                         | 6/20/12     | 7.33       | 28.5                   | 367                                | 8.46                            |
|              |                         | 5/16/13     | 7.55       | 26.6                   | 359                                | 6.10                            |
|              |                         | 4/14/14     | 7.92       | 25.8                   | 290                                | 5.89                            |
|              |                         | 4/15/15     | 7.18       | 27.0                   | 321                                | 8.35                            |
|              |                         | 4/20/16     | 7.02       | 26.4                   | 374                                | 8.40                            |
|              |                         | 4/20/16 DUP | 7.02       | 26.4                   | 374                                | 8.31                            |
|              |                         | 5/15/17     | 7.76       | 27.6                   | 418.1                              | 7.52                            |
|              |                         | 5/16/18     | 8.06       | 27.3                   | 343                                | 6.60                            |
|              |                         | 5/16/18 DUP | 8.06       | 27.3                   | 343                                | 6.56                            |
| HAVEN GOLF   | 515867                  | 4/25/19     | 7.91       | 27.1                   | 301                                | 6.06                            |
|              |                         | 4/25/19 DUP | 7.91       | 27.1                   | 301                                | 6.12                            |
|              |                         | 2/6/07      | 7.28       | 23.0                   | 683                                | 107                             |
|              |                         | 4/16/07     | 7.26       | 23.3                   | 655                                | 105                             |
|              |                         | 7/9/07      | 7.57       | 32.8                   | 622                                | 80.1                            |
|              |                         | 1/7/08      | 7.18       | 21.0                   | 610                                | 99                              |
|              |                         | 4/15/08     | 7.34       | 24.8                   | 629                                | 106                             |
|              |                         | 7/7/08      | 6.93       | 23.9                   | 727                                | 112                             |
|              |                         | 10/7/08     | 7.31       | 27.8                   | 588                                | 92.3                            |
|              |                         | 2/4/09      | 7.33       | 23.7                   | 554                                | 120                             |
|              |                         | 2/4/09 DUP  | 7.33       | 23.7                   | 554                                | 119                             |
|              |                         | 4/21/09     | 7.40       | 23.6                   | 306                                | 109                             |
|              |                         | 4/22/10     | 6.85       | 20.8                   | 726                                | 109                             |
|              |                         | 4/21/11     | 7.10       | 20.4                   | 588                                | 95                              |
|              |                         | 5/29/12     | 6.41       | 279.0                  | 633                                | 88.05                           |
|              |                         | 5/7/13      | 7.46       | 23.5                   | 537                                | 105.13                          |
|              |                         | 4/22/14     | 6.99       | 24.5                   | 571                                | 97.40                           |
|              |                         | 5/13/15     | 7.25       | 23.9                   | 429                                | 112                             |
|              |                         | 6/8/16      | 7.31       | 24.2                   | 456                                | 99.5                            |
|              |                         | 6/8/16 DUP  | 7.31       | 24.2                   | 456                                | 101.0                           |
| I-10         | 608525                  | 5/11/17     | 7.73       | 23.7                   | 583                                | 91.6                            |
|              |                         | 5/11/17 DUP | 7.73       | 23.7                   | 583                                | 87.7                            |
|              |                         | 5/14/18     | 7.72       | 25.4                   | 501                                | 91.0                            |
|              |                         | 4/24/19     | 8.06       | 24.3                   | 558                                | 102                             |
|              |                         | 4/16/07     | 7.17       | 28.8                   | 878                                | 533                             |
|              |                         | 7/11/07     | 7.13       | 31.3                   | 1013                               | 550                             |
|              |                         | 1/8/08      | 7.46       | 24.6                   | 1164                               | 520                             |
|              |                         | 4/14/08     | 7.29       | 29.5                   | 836                                | 490                             |
|              |                         | 7/21/08     | 7.19       | 30.9                   | 1036                               | 480                             |
|              |                         | 10/28/08    | 7.18       | 29.7                   | 1034                               | 526                             |
|              |                         | 1/20/09     | 7.13       | 27.6                   | 1040                               | 544                             |
|              |                         | 5/12/09     | 7.15       | 28.0                   | 997                                | 495                             |
|              |                         | 4/30/14     | 7.52       | 27.0                   | 1072                               | 629                             |
|              |                         |             |            |                        |                                    |                                 |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55 Registry No. | Sample Date | pH (SU) | Temperature (deg C) | Specific Conductance (µS/cm) | Sulfate, Dissolved (mg/L) |
|-----------|----------------------|-------------|---------|---------------------|------------------------------|---------------------------|
| IW-1      | 623129               | 11/15/06    | NM      | NM                  | NM                           | 490                       |
|           |                      | 1/10/07     | 6.97    | 25.1                | 1033                         | 520                       |
|           |                      | 4/9/07      | 7.24    | 26                  | 918                          | 480                       |
|           |                      | 7/16/07     | 6.86    | 32.7                | 884                          | 510                       |
|           |                      | 1/16/08     | 7.38    | 28.5                | 959                          | 610                       |
|           |                      | 5/7/08      | 6.87    | 29.8                | 847                          | 610                       |
|           |                      | 7/23/08     | 6.57    | 29.5                | 1228                         | 670                       |
|           |                      | 10/24/08    | 7.01    | 30.9                | 1201                         | 700                       |
|           |                      | 1/27/09     | 6.61    | 23.6                | 1134                         | 660                       |
|           |                      | 4/20/09     | 7.01    | 29.0                | 1092                         | 670                       |
|           |                      | 4/12/10     | 6.79    | 29.6                | 1148                         | 940                       |
|           |                      | 5/11/11     | 7.02    | 27.1                | 2110                         | 1050                      |
|           |                      | 5/21/12     | 6.71    | 32.0                | 1689                         | 900                       |
|           |                      | 4/15/13     | 7.25    | 27.4                | 1676                         | 980                       |
|           |                      | 4/14/14     | 7.44    | 28.2                | 1120                         | 896                       |
|           |                      | 4/1/15      | 7.55    | 28.7                | 1302                         | 1140                      |
|           |                      | 5/17/16     | 7.46    | 28.2                | 1330                         | 1430                      |
|           |                      | 8/23/16     | 7.54    | 29.2                | 2735                         | 1290                      |
|           |                      | 10/4/16     | 7.64    | 28.6                | 2805                         | 1270                      |
|           |                      | 4/19/17     | 7.77    | 29.4                | 2821                         | 1450                      |
| IW-2      | 623130               | 4/19/17 DUP | 7.77    | 29.4                | 2821                         | 1440                      |
|           |                      | 4/23/19     | 7.67    | 28.6                | 1521                         | 1510                      |
|           |                      | 11/15/06    | NM      | NM                  | NM                           | 100                       |
|           |                      | 1/10/07     | 6.91    | 23.8                | 528                          | 110                       |
|           |                      | 4/3/07      | 7.08    | 25.3                | 492                          | 90                        |
| IW-2A     | 216464               | 7/16/07     | 7.18    | 32.2                | 506                          | 90                        |
|           |                      | 1/16/08     | 7.76    | 28.1                | 470                          | 70                        |
|           |                      | 4/22/08     | 6.99    | 30.5                | 382                          | 80                        |
|           |                      | 7/23/08     | 6.88    | 30.3                | 474                          | 60                        |
|           |                      | 10/24/08    | 7.43    | 30.3                | 473                          | 60                        |
|           |                      | 1/27/09     | 7.02    | 25                  | 420                          | 53                        |
|           |                      | 4/20/09     | 6.85    | 28.0                | 405                          | 54                        |
|           |                      | 4/12/10     | 7.04    | NM                  | 28.9                         | 77                        |
|           |                      | 5/11/11     | 7.12    | 26.7                | 541                          | 87                        |
|           |                      | 5/11/11 DUP | 7.12    | 26.7                | 541                          | 88                        |
|           |                      | 5/21/12     | 6.89    | 31.1                | 638                          | 121                       |
|           |                      | 4/15/13     | 7.01    | 27.0                | 550                          | 123                       |
|           |                      | 4/14/14     | 7.64    | 27.7                | 430                          | 116                       |
|           |                      | 4/1/15      | 7.94    | 27.8                | 536                          | 150                       |
|           |                      | 5/17/16     | 7.67    | 28.1                | 574                          | 257                       |
|           |                      | 8/23/16     | 7.92    | 29.6                | 994                          | 270                       |
| IW-3A     | 201732               | 10/4/16     | 7.87    | 28.3                | 1016                         | 269                       |
|           |                      | 4/23/19     | 7.88    | 29.2                | 858                          | 413                       |
|           |                      | 11/15/06    | NM      | NM                  | NM                           | 1590                      |
|           |                      | 4/3/07      | 7.29    | 25.1                | 1374                         | 1540                      |
|           |                      | 7/16/07     | 6.85    | 29.8                | 1184                         | 1500                      |
|           |                      | 1/16/08     | 7.20    | 27.4                | 1280                         | 1490                      |
|           |                      | 4/22/08     | 7.03    | 29.3                | 1224                         | 1420                      |
|           |                      | 7/23/08     | 6.62    | 29.3                | 1789                         | 1460                      |
|           |                      | 10/27/08    | 6.97    | 28.7                | 1679                         | 1450                      |
|           |                      | 1/27/09     | 6.82    | 23.1                | 1520                         | 1550                      |
|           |                      | 1/27/09 DUP | 6.82    | 23.1                | 1520                         | 1310                      |
|           |                      | 4/20/09     | 6.69    | 27.2                | 1448                         | 1400                      |
|           |                      | 4/12/10     | 6.55    | 27.5                | 1380                         | 1500                      |
|           |                      | 5/11/11     | 6.75    | 25.6                | 2260                         | 1650                      |
|           |                      | 6/20/12     | 6.51    | 275.0               | 3170                         | 1700                      |
|           |                      | 5/14/13     | 7.01    | 27.7                | 2660                         | 1600                      |
|           |                      | 4/14/14     | 7.34    | 25.9                | 1757                         | 1720                      |
|           |                      | 4/1/15      | 7.55    | 26.2                | 1619                         | 1820                      |
|           |                      | 4/19/17     | 7.79    | 27.2                | 3450                         | 1900                      |
|           |                      | 4/23/19     | 7.67    | 25.0                | 1769                         | 1910                      |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|-------------|------------|------------------------|------------------------------------|---------------------------------|
| IW-4      | 623132                  | 1/18/07     | 6.81       | 22.4                   | 2210                               | 1610                            |
|           |                         | 1/18/07     | 6.81       | 22.4                   | 2210                               | 1590                            |
|           |                         | 4/11/07     | 6.6        | 28.2                   | 1252                               | 1600                            |
|           |                         | 7/18/07     | 6.61       | 29.1                   | 1462                               | 1450                            |
|           |                         | 1/16/08     | 7.00       | 25.2                   | 1326                               | 1590                            |
|           |                         | 4/22/08     | 6.59       | 28.6                   | 1264                               | 1540                            |
|           |                         | 7/23/08     | 6.70       | 31.0                   | 1899                               | 1640                            |
|           |                         | 10/24/08    | 6.92       | 27.9                   | 1924                               | 1630                            |
|           |                         | 1/27/09     | 6.58       | 23.9                   | 1718                               | 1460                            |
|           |                         | 4/20/09     | 6.79       | 25.6                   | 1604                               | 1400                            |
|           |                         | 4/12/10     | 6.49       | 26.8                   | 1483                               | 1600                            |
|           |                         | 5/11/11     | 6.57       | 25.8                   | 3070                               | 1700                            |
|           |                         | 5/21/12     | 6.57       | 27.5                   | 2650                               | 1500                            |
|           |                         | 4/15/13     | 6.93       | 24.2                   | 2750                               | 1800                            |
|           |                         | 4/14/14     | 7.01       | 24.3                   | 1903                               | 1690                            |
|           |                         | 5/17/16     | 7.40       | 25.1                   | 1744                               | 1750                            |
|           |                         | 8/22/16     | 7.29       | 27.7                   | 3593                               | 1830                            |
|           |                         | 10/4/16     | 7.69       | 26.3                   | 3542                               | 1770                            |
| IW-5      | 623133                  | 4/24/18     | 7.67       | 26.1                   | 2686                               | 1870                            |
|           |                         | 4/24/18 DUP | 7.67       | 26.1                   | 2686                               | 1750                            |
|           |                         | 1/16/07     | 7.34       | 23.1                   | 1511                               | 1710                            |
|           |                         | 7/18/07     | 6.82       | 27.0                   | 1716                               | 1610                            |
|           |                         | 1/16/08     | 7.11       | 24.1                   | 1380                               | 1690                            |
|           |                         | 4/21/08     | 6.64       | 27.5                   | 1326                               | 1550                            |
|           |                         | 7/23/08     | 6.76       | 30.1                   | 1370                               | 1730                            |
|           |                         | 10/27/08    | 6.57       | 26.8                   | 1886                               | 1720                            |
|           |                         | 1/27/09     | 6.44       | 19.5                   | 1560                               | 1630                            |
| IW-5A     | 219131                  | 4/20/09     | 6.73       | 24.7                   | 1635                               | 1600                            |
|           |                         | 4/12/10     | 6.59       | 25.7                   | 1476                               | 1800                            |
|           |                         | 4/12/10 DUP | 6.59       | 25.7                   | 1476                               | 1700                            |
|           |                         | 4/20/11     | 6.78       | 22.2                   | 3210                               | 1740                            |
|           |                         | 5/22/12     | 6.68       | 26.6                   | 2880                               | 1600                            |
| IW-6A     | 545565                  | 4/15/13     | 6.84       | 24.2                   | 2910                               | 1760                            |
|           |                         | 4/15/13 DUP | 6.84       | 24.2                   | 2910                               | 1740                            |
|           |                         | 4/14/14     | 6.96       | 24.5                   | 3120                               | 1750                            |
|           |                         | 11/15/06    | NM         | NM                     | NM                                 | 1760                            |
|           |                         | 1/16/07     | 7.25       | 22.5                   | 1562                               | 1800                            |
|           |                         | 4/9/07      | 6.69       | 26                     | 1627                               | 1830                            |
|           |                         | 7/25/07     | 6.67       | 24.5                   | 1609                               | 1930                            |
|           |                         | 1/16/08     | 7.21       | 23.1                   | 1489                               | 1910                            |
|           |                         | 1/16/08 DUP | 7.21       | 23.1                   | 1489                               | 1800                            |
|           |                         | 4/21/08     | 7.30       | 25.4                   | 1309                               | 1920                            |
|           |                         | 7/17/08     | 6.84       | 27.1                   | 1510                               | 1850                            |
|           |                         | 10/24/08    | 6.61       | 25.5                   | 1999                               | 1930                            |
|           |                         | 1/26/09     | 6.58       | 21.9                   | 1959                               | 1600                            |
|           |                         | 4/20/09     | 6.78       | 25.6                   | 1710                               | 1700                            |
|           |                         | 4/12/10     | 6.99       | 34.2                   | 1437                               | 1800                            |
|           |                         | 5/11/11     | 6.82       | 23.4                   | 3390                               | 1900                            |
|           |                         | 5/22/12     | 6.61       | 27.3                   | 2950                               | 1800                            |
|           |                         | 4/15/13     | 6.86       | 23.9                   | 3030                               | 1840                            |
|           |                         | 4/14/14     | 6.99       | 23.4                   | 3270                               | 1890                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| IW-8      | 508236                  | 4/3/07       | 7.11       | 24.1                   | 1523                               | 1760                            |
|           |                         | 7/18/07      | 6.82       | 29.5                   | 1328                               | 1870                            |
|           |                         | 1/16/08      | 7.30       | 24.3                   | 1386                               | 1900                            |
|           |                         | 4/22/08      | 6.86       | 27.5                   | 1301                               | 1700                            |
|           |                         | 7/23/08      | 6.78       | 27.5                   | 1440                               | 1870                            |
|           |                         | 10/24/08     | 6.85       | 27.4                   | 1976                               | 1890                            |
|           |                         | 1/27/09      | 6.38       | 20.4                   | 1816                               | 1630                            |
|           |                         | 4/20/09      | 6.75       | 25.4                   | 1620                               | 1700                            |
|           |                         | 4/12/10      | 6.52       | 25.6                   | 1547                               | 1900                            |
|           |                         | 5/11/11      | 6.67       | 23.9                   | 1965                               | 1900                            |
|           |                         | 5/21/12      | 6.62       | 28.7                   | 2670                               | 1700                            |
|           |                         | 5/14/13      | 6.96       | 26.9                   | 2800                               | 1700                            |
|           |                         | 4/1/15       | 7.47       | 24.8                   | 1687                               | 1800                            |
|           |                         | 5/17/16      | 7.53       | 24.3                   | 1719                               | 1940                            |
|           |                         | 8/23/16      | 7.61       | 26.0                   | 3666                               | 1880                            |
|           |                         | 10/4/16      | 7.75       | 24.5                   | 3722                               | 1830                            |
| IW-9      | 508238                  | 4/19/17      | 7.88       | 24.7                   | 3538                               | 1970                            |
|           |                         | 4/24/18      | 7.81       | 24.4                   | 2812                               | 1950                            |
|           |                         | 11/15/06     | NM         | NM                     | NM                                 | 1760                            |
|           |                         | 1/18/07      | 7.40       | 22.6                   | 1690                               | 1670                            |
|           |                         | 4/11/07      | 6.73       | 25.1                   | 1424                               | 1750                            |
|           |                         | 7/18/07      | 6.78       | 29.4                   | 1547                               | 1810                            |
|           |                         | 1/16/08      | 7.01       | 26.1                   | 1359                               | 1700                            |
|           |                         | 4/22/08      | 6.86       | 28.5                   | 1328                               | 1670                            |
|           |                         | 7/23/08      | 6.88       | 28.8                   | 1420                               | 1730                            |
|           |                         | 10/24/08     | 6.88       | 28.6                   | 1981                               | 1720                            |
|           |                         | 10/24/08 DUP | 6.88       | 28.6                   | 1981                               | 1720                            |
|           |                         | 1/27/09      | 6.69       | 21.7                   | 1774                               | 1500                            |
|           |                         | 4/20/09      | 6.79       | 26.9                   | 1585                               | 1600                            |
|           |                         | 4/12/10      | 6.95       | 29.2                   | 1579                               | 1800                            |
|           |                         | 4/12/10 DUP  | 6.95       | 29.2                   | 1579                               | 1800                            |
|           |                         | 5/26/11      | 6.95       | 26.2                   | 3850                               | 1810                            |
| IW-10     | 508237                  | 5/21/12      | 6.58       | 29.2                   | 2680                               | 1700                            |
|           |                         | 4/15/13      | 6.90       | 25.6                   | 2880                               | 1730                            |
|           |                         | 4/14/14      | 7.20       | 25.3                   | 1882                               | 1780                            |
|           |                         | 4/24/18      | 7.78       | 25.9                   | 2754                               | 1810                            |
|           |                         | 4/23/19      | 7.72       | 29.0                   | 1608                               | 1690                            |
|           |                         | 11/15/06     | NM         | NM                     | NM                                 | 1650                            |
|           |                         | 1/16/07      | 7.38       | 23.7                   | 1303                               | 1670                            |
|           |                         | 4/3/07       | 7.11       | 26.7                   | 1520                               | 1750                            |
|           |                         | 7/18/07      | 6.78       | 28.3                   | 1734                               | 1770                            |
|           |                         | 1/16/08      | 7.91       | 24.0                   | 537                                | 1800                            |
|           |                         | 4/21/08      | 6.68       | 27.2                   | 1338                               | 1470                            |
|           |                         | 7/23/08      | 6.90       | 28.4                   | 1460                               | 1740                            |
|           |                         | 10/24/08     | 6.77       | 27.0                   | 1969                               | 1730                            |
|           |                         | 1/27/09      | 6.64       | 20.7                   | 1560                               | 1490                            |
|           |                         | 4/20/09      | 6.80       | 24.8                   | 1607                               | 1600                            |
|           |                         | 4/12/10      | 6.61       | 26.5                   | 1431                               | 1700                            |
|           |                         | 5/11/11      | 6.67       | 24.3                   | 3310                               | 1800                            |
|           |                         | 5/22/12      | 6.78       | 26.9                   | 2890                               | 1700                            |
|           |                         | 4/15/13      | 6.85       | 23.6                   | 2980                               | 1740                            |
|           |                         | 4/14/14      | 6.94       | 23.4                   | 3320                               | 1820                            |
|           |                         | 4/1/15       | 7.33       | 23.1                   | 1894                               | 1870                            |
|           |                         | 8/22/16      | 7.18       | 24.8                   | 3769                               | 2010                            |
|           |                         | 8/22/16 DUP  | 7.18       | 24.8                   | 3769                               | 1970                            |
|           |                         | 10/3/16      | 7.42       | 23.3                   | 3805                               | 1930                            |
|           |                         | 4/19/17      | 7.83       | 23.3                   | 3532                               | 1970                            |
|           |                         | 4/24/18      | 7.67       | 23.9                   | 2810                               | 1960                            |
|           |                         | 4/22/19      | 7.74       | 23.2                   | 1205                               | 1240                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|-------------|------------|------------------------|------------------------------------|---------------------------------|
| IW-11     | 508235                  | 11/21/06    | NM         | NM                     | NM                                 | 1600                            |
|           |                         | 1/16/07     | 7.10       | 21.7                   | 1516                               | 1700                            |
|           |                         | 4/9/07      | 6.76       | 26.2                   | 1342                               | 1760                            |
|           |                         | 7/18/07     | 6.84       | 26.8                   | 1788                               | 1770                            |
|           |                         | 1/16/08     | 7.15       | 22.3                   | 1370                               | 1800                            |
|           |                         | 4/21/08     | 6.53       | 26                     | 1303                               | 1770                            |
|           |                         | 4/21/08 DUP | 6.53       | 26                     | 1303                               | 1850                            |
|           |                         | 7/29/08     | 6.58       | 24.4                   | 1830                               | 1720                            |
|           |                         | 10/24/08    | 6.89       | 26.3                   | 1958                               | 2260                            |
|           |                         | 1/27/09     | 6.56       | 19.1                   | 1540                               | 1600                            |
|           |                         | 4/20/09     | 6.64       | 25.1                   | 1632                               | 1600                            |
|           |                         | 4/12/10     | 6.63       | 24.6                   | 1492                               | 1700                            |
|           |                         | 5/11/11     | 6.51       | 25.0                   | 3250                               | 1700                            |
|           |                         | 5/22/12     | 6.76       | 25.5                   | 2810                               | 1600                            |
|           |                         | 4/15/13     | 6.82       | 23.7                   | 2890                               | 1730                            |
|           |                         | 4/14/14     | 7.00       | 22.3                   | 3210                               | 1710                            |
|           |                         | 4/1/15      | 7.31       | 23.2                   | 1915                               | 1790                            |
|           |                         | 8/22/16     | 7.32       | 25.0                   | 3660                               | 1820                            |
|           |                         | 10/3/16     | 7.55       | 24.6                   | 3654                               | 1780                            |
|           |                         | 4/18/17     | 7.61       | 25.1                   | 3462                               | 1830                            |
|           |                         | 4/18/17 DUP | 7.61       | 25.1                   | 3462                               | 1860                            |
| IW-12     | 545555                  | 4/24/18     | 7.69       | 23.2                   | 2642                               | 1810                            |
|           |                         | 4/22/19     | 7.82       | 23.3                   | 1352                               | 1970                            |
|           |                         | 1/16/07     | 6.93       | 22.3                   | 1444                               | 1620                            |
|           |                         | 4/17/07     | 6.56       | 25.9                   | 1345                               | 1630                            |
|           |                         | 7/25/07     | 6.55       | 25.2                   | 1483                               | 1700                            |
|           |                         | 1/16/08     | 6.87       | 23.4                   | 1428                               | 1700                            |
|           |                         | 1/16/08 DUP | 6.87       | 23.4                   | 1428                               | 1700                            |
|           |                         | 4/11/08     | 6.51       | 27.4                   | 1426                               | 1580                            |
|           |                         | 7/17/08     | 6.76       | 28.4                   | 1917                               | 1630                            |
|           |                         | 10/24/08    | 6.81       | 26.5                   | 1879                               | 1520                            |
|           |                         | 1/26/09     | 6.70       | 23.7                   | 1792                               | 1440                            |
|           |                         | 4/20/09     | 6.63       | 26.5                   | 1576                               | 1500                            |
|           |                         | 4/12/10     | 6.70       | 22.8                   | 1579                               | 1500                            |
|           |                         | 5/11/11     | 6.74       | 25.8                   | 3120                               | 1700                            |
|           |                         | 5/22/12     | 6.66       | 27.7                   | 2640                               | 1600                            |
|           |                         | 5/14/13     | 6.92       | 27.2                   | 2540                               | 1500                            |
|           |                         | 4/14/14     | 7.02       | 24.4                   | 2980                               | 1430                            |
|           |                         | 4/1/15      | 7.39       | 24.2                   | 1851                               | 1600                            |
|           |                         | 5/17/16     | 7.43       | 24.7                   | 1920                               | 1930                            |
|           |                         | 8/22/16     | 7.51       | 27.0                   | 3331                               | 1640                            |
| IW-13     | 545556                  | 10/3/16     | 7.67       | 26.7                   | 3372                               | 1650                            |
|           |                         | 4/18/17     | 7.73       | 26.7                   | 3205                               | 1680                            |
|           |                         | 4/22/19     | 7.93       | 27.7                   | 1002                               | 1190                            |
|           |                         | 4/17/07     | 6.81       | 25.8                   | 1430                               | 1690                            |
|           |                         | 7/25/07     | 6.61       | 25.1                   | 1560                               | 1940                            |
|           |                         | 7/25/07     | 6.61       | 25.1                   | 1560                               | 1780                            |
|           |                         | 1/16/08     | 6.64       | 24.0                   | 1599                               | 1800                            |
|           |                         | 4/11/08     | 6.61       | 26.8                   | 1502                               | 1800                            |
|           |                         | 7/17/08     | 6.6        | 30                     | 1898                               | 1850                            |
|           |                         | 10/24/08    | 6.70       | 26.1                   | 1999                               | 1930                            |
|           |                         | 1/26/09     | 6.49       | 23.6                   | 1951                               | 1600                            |
|           |                         | 4/20/09     | 6.73       | 27.2                   | 1697                               | 1700                            |
|           |                         | 4/12/10     | 6.64       | 24.1                   | 1669                               | 1900                            |
|           |                         | 5/11/11     | 6.70       | 25.3                   | 3360                               | 1900                            |
|           |                         | 6/20/12     | 6.67       | 25.9                   | 3450                               | 1900                            |
|           |                         | 4/15/13     | 6.73       | 24.9                   | 3030                               | 1760                            |
|           |                         | 4/14/14     | 6.99       | 23.6                   | 3440                               | 1900                            |
|           |                         | 4/14/14 DUP | 6.99       | 23.6                   | 3440                               | 1730                            |
|           |                         | 4/1/15      | 7.25       | 24.3                   | 2910                               | 1860                            |
|           |                         | 4/1/15 DUP  | 7.25       | 24.3                   | 2910                               | 1930                            |



**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55 Registry No. | Sample Date | pH (SU) | Temperature (deg C) | Specific Conductance (µS/cm) | Sulfate, Dissolved (mg/L) |
|-----------|----------------------|-------------|---------|---------------------|------------------------------|---------------------------|
| IW-14     | 545557               | 11/15/06    | NM      | NM                  | NM                           | 1820                      |
|           |                      | 1/16/07     | 6.72    | 22.4                | 1484                         | 1790                      |
|           |                      | 1/16/07     | 6.72    | 22.4                | 1484                         | 1810                      |
|           |                      | 4/16/07     | 6.63    | 24.4                | 1383                         | 1790                      |
|           |                      | 7/25/07     | 6.51    | 24.7                | 1462                         | 1910                      |
|           |                      | 1/16/08     | 7.03    | 23.2                | 1646                         | 1800                      |
|           |                      | 4/11/08     | 6.49    | 26.8                | 1460                         | 1810                      |
|           |                      | 7/16/08     | 6.59    | 29.9                | 1901                         | 1870                      |
|           |                      | 10/24/08    | 6.51    | 26.4                | 1929                         | 1840                      |
|           |                      | 1/26/09     | 6.52    | 23                  | 1869                         | 1600                      |
|           |                      | 4/20/09     | 6.66    | 27.1                | 1612                         | 1700                      |
|           |                      | 4/21/10     | 6.89    | 24.8                | 1428                         | 1900                      |
|           |                      | 5/11/11     | 7.54    | 25.7                | 3460                         | 1900                      |
|           |                      | 5/22/12     | 6.48    | 31.8                | 2620                         | 1800                      |
|           |                      | 4/15/13     | 6.91    | 24.4                | 3020                         | 1870                      |
|           |                      | 4/14/14     | 7.01    | 23.1                | 3490                         | 1730                      |
|           |                      | 4/1/15      | 7.24    | 23.7                | 1947                         | 1930                      |
| IW-15     | 545558               | 5/17/16     | 7.21    | 24.4                | 1922                         | 2040                      |
|           |                      | 4/18/17     | 7.74    | 26.2                | 3587                         | 1980                      |
|           |                      | 11/15/06    | NM      | NM                  | NM                           | 1710                      |
|           |                      | 1/16/07     | 7.04    | 23.9                | 1420                         | 1730                      |
|           |                      | 4/16/07     | 6.82    | 27.4                | 1314                         | 1740                      |
|           |                      | 7/25/07     | 6.32    | 26.6                | 1388                         | 1760                      |
|           |                      | 1/16/08     | 7.07    | 22.3                | 1561                         | 1740                      |
|           |                      | 4/11/08     | 6.42    | 28.3                | 1395                         | 1670                      |
|           |                      | 7/15/08     | 6.75    | 31.3                | 1790                         | 1730                      |
|           |                      | 10/24/08    | 6.6     | 26.0                | 1892                         | 1850                      |
|           |                      | 1/27/09     | 6.86    | 21.8                | 1935                         | 1630                      |
|           |                      | 4/20/09     | 7.71    | 28.5                | 1302                         | 1600                      |
|           |                      | 4/20/09 DUP | 7.71    | 28.5                | 1302                         | 1700                      |
|           |                      | 4/12/10     | 6.69    | 25.0                | 1669                         | 1700                      |
|           |                      | 5/11/11     | 7.54    | 26.2                | 3270                         | 1800                      |
|           |                      | 5/11/11 DUP | 7.54    | 26.2                | 3270                         | 1800                      |
|           |                      | 5/22/12     | 6.74    | 29.4                | 2850                         | 1800                      |
|           |                      | 5/14/13     | 7.03    | 27.1                | 2770                         | 1700                      |
|           |                      | 4/14/14     | 6.98    | 23.9                | 3240                         | 1800                      |
| IW-16     | 545559               | 4/1/15      | 6.89    | 24.7                | 1927                         | 1860                      |
|           |                      | 5/17/16     | 7.09    | 25.3                | 1830                         | 2010                      |
|           |                      | 8/22/16     | 7.47    | 27.7                | 3735                         | 1950                      |
|           |                      | 10/3/16     | 7.73    | 26.1                | 3781                         | 1880                      |
|           |                      | 4/18/17     | 7.66    | 27.5                | 3429                         | 1940                      |
|           |                      | 11/15/06    | NM      | NM                  | NM                           | 1730                      |
|           |                      | 1/16/07     | 7.18    | 23.8                | 1415                         | 1730                      |
|           |                      | 4/17/07     | 6.86    | 26.8                | 1320                         | 1770                      |
|           |                      | 4/17/07     | 6.86    | 26.8                | 1320                         | 1790                      |
|           |                      | 7/25/07     | 6.63    | 26.5                | 1368                         | 1800                      |
|           |                      | 1/16/08     | 7.07    | 23.3                | 1561                         | 1740                      |
| IW-17     | 545560               | 4/11/08     | 6.64    | 26.4                | 1404                         | 1770                      |
|           |                      | 7/15/08     | 6.52    | 31.2                | 1778                         | 1840                      |
|           |                      | 10/24/08    | 6.35    | 25.7                | 1879                         | 1850                      |
|           |                      | 1/26/09     | 6.44    | 23.9                | 1773                         | 1620                      |
|           |                      | 4/20/09     | 6.69    | 27.1                | 1347                         | 1700                      |
|           |                      | 4/12/10     | 6.79    | 25.6                | 1652                         | 1800                      |
|           |                      | 11/15/06    | NM      | NM                  | NM                           | 1570                      |
|           |                      | 1/16/07     | 6.79    | 21.8                | 1402                         | 1600                      |
|           |                      | 4/16/07     | 6.90    | 26.3                | 1303                         | 1670                      |
|           |                      | 7/25/07     | 6.61    | 27.2                | 1348                         | 1730                      |
|           |                      | 1/16/08     | 6.74    | 16.5                | 1485                         | 1720                      |
|           |                      | 4/11/08     | 6.49    | 28.5                | 1398                         | 1730                      |
|           |                      | 7/15/08     | 6.63    | 31.7                | 1853                         | 1770                      |
|           |                      | 10/24/08    | 6.70    | 27.0                | 1864                         | 1720                      |
|           |                      | 1/26/09     | 6.41    | 24.1                | 1828                         | 1480                      |
|           |                      | 4/20/09     | 6.77    | 30.1                | 1332                         | 1600                      |
|           |                      | 4/12/10     | 6.63    | 26.5                | 1604                         | 1700                      |
|           |                      |             |         |                     |                              |                           |
|           |                      |             |         |                     |                              |                           |
|           |                      |             |         |                     |                              |                           |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|-------------|------------|------------------------|------------------------------------|---------------------------------|
| IW-18     | 545561                  | 11/21/06    | NM         | NM                     | NM                                 | 1610                            |
|           |                         | 1/18/07     | 7.26       | 15.4                   | 1460                               | 1660                            |
|           |                         | 4/16/07     | 6.80       | 24.9                   | 1161                               | 1610                            |
|           |                         | 7/25/07     | 6.45       | 28.1                   | 1293                               | 1760                            |
|           |                         | 1/14/08     | 6.39       | 21.9                   | 1899                               | 1700                            |
|           |                         | 4/11/08     | 6.61       | 27.5                   | 1388                               | 1540                            |
|           |                         | 7/15/08     | 6.71       | 30.2                   | 1847                               | 1710                            |
|           |                         | 10/24/08    | 6.34       | 27.1                   | 1883                               | 1680                            |
|           |                         | 1/26/09     | 6.39       | 24.7                   | 1779                               | 1460                            |
|           |                         | 4/20/09     | 6.77       | 29.9                   | 1337                               | 1700                            |
| IW-19     | 545562                  | 4/29/10     | 6.63       | 23.7                   | 1455                               | 1600                            |
|           |                         | 11/21/06    | NM         | NM                     | NM                                 | 1570                            |
|           |                         | 1/11/07     | 7.19       | 25.1                   | 1802                               | 1630                            |
|           |                         | 4/16/07     | 6.69       | 26.7                   | 1296                               | 1630                            |
|           |                         | 7/25/07     | 6.91       | 26.3                   | 1310                               | 1650                            |
|           |                         | 1/10/08     | 6.39       | 22.4                   | 1881                               | 1800                            |
|           |                         | 1/10/08 DUP | 6.39       | 22.4                   | 1881                               | 1800                            |
|           |                         | 4/11/08     | 6.62       | 26.3                   | 1409                               | 1680                            |
|           |                         | 7/15/08     | 6.78       | 29.4                   | 1807                               | 1670                            |
|           |                         | 10/24/08    | 6.6        | 28.7                   | 1685                               | 1710                            |
|           |                         | 1/26/09     | 6.47       | 24.3                   | 1852                               | 1370                            |
|           |                         | 4/20/09     | 6.82       | 27.9                   | 1366                               | 1600                            |
|           |                         | 4/12/10     | 6.62       | 26.4                   | 1570                               | 1600                            |
|           |                         | 5/11/11     | 6.68       | 26.6                   | 3200                               | 1700                            |
|           |                         | 5/22/12     | 6.56       | 30.7                   | 2730                               | 1300                            |
|           |                         | 5/14/13     | 6.85       | 28.7                   | 2690                               | 1600                            |
|           |                         | 4/14/14     | 7.01       | 24.5                   | 3170                               | 1780                            |
|           |                         | 4/1/15      | 7.43       | 23.6                   | 1945                               | 1910                            |
|           |                         | 5/17/16     | 7.29       | 25.6                   | 1866                               | 1980                            |
|           |                         | 10/3/16     | 7.67       | 26.0                   | 3666                               | 1790                            |
| IW-20     | 545563                  | 10/3/16 DUP | 7.67       | 26.0                   | 3666                               | 1800                            |
|           |                         | 4/18/17     | 7.53       | 26.9                   | 3467                               | 1890                            |
|           |                         | 4/24/18     | 7.61       | 26.2                   | 2667                               | 1870                            |
|           |                         | 11/21/06    | NM         | NM                     | NM                                 | 1550                            |
|           |                         | 1/11/07     | 7.23       | 26.4                   | 2360                               | 1630                            |
|           |                         | 4/9/07      | 7.07       | 27.2                   | 1260                               | 1500                            |
|           |                         | 7/24/07     | 6.69       | 30.8                   | 1822                               | 1580                            |
|           |                         | 1/9/08      | 6.72       | 26.4                   | 1710                               | 1700                            |
|           |                         | 4/11/08     | 6.74       | 27.3                   | 1400                               | 1560                            |
|           |                         | 7/15/08     | 6.6        | 29.4                   | 1650                               | 1640                            |
|           |                         | 10/24/08    | 6.81       | 28.6                   | 1779                               | 1600                            |
|           |                         | 1/26/09     | 6.48       | 24.1                   | 1837                               | 1450                            |
|           |                         | 4/20/09     | 6.76       | 30.0                   | 1375                               | 1500                            |
|           |                         | 4/29/10     | 6.62       | 24.2                   | 1417                               | 1600                            |
|           |                         | 5/11/11     | 7.07       | 26.3                   | 3080                               | 1600                            |
|           |                         | 6/20/12     | 6.67       | 28.2                   | 3080                               | 1600                            |
|           |                         | 6/17/13     | 7.21       | 31.1                   | 1785                               | 1900                            |
|           |                         | 6/17/13 DUP | 7.21       | 31.1                   | 1785                               | 1800                            |
|           |                         | 4/14/14     | 7.04       | 26.2                   | 3220                               | 1690                            |
|           |                         | 4/1/15      | 7.07       | 26.2                   | 1977                               | 1700                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|-------------|------------|------------------------|------------------------------------|---------------------------------|
| IW-21     | 545564                  | 11/21/06    | NM         | NM                     | NM                                 | 1580                            |
|           |                         | 1/11/07     | 7.15       | 27.8                   | 1848                               | 1620                            |
|           |                         | 4/17/07     | 6.85       | 29.4                   | 1424                               | 1650                            |
|           |                         | 7/24/07     | 6.68       | 30.6                   | 1828                               | 1630                            |
|           |                         | 1/9/08      | 6.33       | 25.4                   | 1975                               | 1800                            |
|           |                         | 4/11/08     | 6.85       | 24.6                   | 1375                               | 1610                            |
|           |                         | 4/11/08 DUP | 6.85       | 24.6                   | 1375                               | 1610                            |
|           |                         | 7/29/08     | 6.49       | 29                     | 1780                               | 1670                            |
|           |                         | 10/24/08    | 6.91       | 29.7                   | 1833                               | 1640                            |
|           |                         | 1/26/09     | 6.59       | 25.7                   | 1410                               | 1390                            |
|           |                         | 4/20/09     | 6.83       | 30.7                   | 1422                               | 1600                            |
|           |                         | 4/12/10     | 6.72       | 28.1                   | 1621                               | 1700                            |
|           |                         | 5/11/11     | 6.77       | 29.6                   | 3140                               | 1700                            |
|           |                         | 6/20/12     | 6.65       | 29.2                   | 3130                               | 1700                            |
|           |                         | 4/15/13     | 6.94       | 28.8                   | 2840                               | 1690                            |
|           |                         | 4/14/14     | 7.18       | 28.2                   | 3170                               | 1720                            |
|           |                         | 5/17/16     | 7.11       | 28.2                   | 1887                               | 1990                            |
|           |                         | 5/17/16 DUP | 7.11       | 28.2                   | 1887                               | 1990                            |
| IW-22     | 200554                  | 8/22/16     | 7.26       | 29.6                   | 3520                               | 1790                            |
|           |                         | 10/3/16     | 7.55       | 29.7                   | 3446                               | 1700                            |
|           |                         | 4/24/18     | 7.46       | 29.2                   | 2412                               | 1710                            |
|           |                         | 11/21/06    | NM         | NM                     | NM                                 | 1710                            |
|           |                         | 1/23/07     | 6.90       | 22.1                   | 1253                               | 1660                            |
|           |                         | 4/9/07      | 7.09       | 26                     | 1325                               | 1740                            |
|           |                         | 7/18/07     | 6.99       | 28.1                   | 1683                               | 1790                            |
|           |                         | 1/16/08     | 7.19       | 23.1                   | 1378                               | 1700                            |
|           |                         | 4/21/08     | 6.53       | 28.7                   | 1362                               | 1760                            |
|           |                         | 4/21/08 DUP | 6.53       | 28.7                   | 1362                               | 1410                            |
|           |                         | 7/23/08     | 6.86       | 28.9                   | 1370                               | 1760                            |
|           |                         | 10/24/08    | 6.89       | 26.4                   | 1929                               | 1720                            |
|           |                         | 1/27/09     | 6.58       | 19.9                   | 1570                               | 1610                            |
|           |                         | 4/20/09     | 6.77       | 25.5                   | 1635                               | 1700                            |
|           |                         | 4/12/10     | 6.59       | 25.4                   | 1472                               | 1800                            |
|           |                         | 5/11/11     | 6.75       | 24.5                   | 3290                               | 1800                            |
|           |                         | 5/22/12     | 6.72       | 26.6                   | 2870                               | 1600                            |
|           |                         | 4/15/13     | 7.19       | 22.5                   | 2990                               | 1810                            |
| IW-23     | 200555                  | 4/14/14     | 7.05       | 22.5                   | 3240                               | 1620                            |
|           |                         | 4/1/15      | 7.36       | 23.7                   | 1874                               | 1770                            |
|           |                         | 5/17/16     | 7.41       | 24.3                   | 1915                               | 1930                            |
|           |                         | 9/6/16      | 7.02       | 24.5                   | 3595                               | 1850                            |
|           |                         | 10/3/16     | 7.52       | 24.6                   | 3751                               | 1730                            |
|           |                         | 4/18/17     | 7.64       | 25.6                   | 3534                               | 1890                            |
|           |                         | 11/21/06    | NM         | NM                     | NM                                 | 1540                            |
|           |                         | 1/23/07     | 6.6        | 22.8                   | 1249                               | 1640                            |
|           |                         | 4/11/07     | 6.88       | 26.7                   | 1528                               | 1670                            |
|           |                         | 7/25/07     | 6.49       | 24.7                   | 1541                               | 1670                            |
|           |                         | 1/16/08     | 7.17       | 24.3                   | 1303                               | 1680                            |
|           |                         | 4/21/08     | 6.71       | 28.6                   | 1314                               | 1710                            |
|           |                         | 7/23/08     | 6.84       | 27.5                   | 1420                               | 1730                            |
|           |                         | 10/24/08    | 6.81       | 27.9                   | 1966                               | 1780                            |
|           |                         | 1/27/09     | 6.52       | 19.9                   | 1963                               | 1650                            |
|           |                         | 4/20/09     | 6.82       | 25.4                   | 1607                               | 1700                            |
|           |                         | 4/12/10     | 6.81       | 26.6                   | 1491                               | 1700                            |
|           |                         | 5/11/11     | 6.83       | 24.6                   | 3280                               | 1800                            |
|           |                         | 5/22/12     | 6.72       | 28.9                   | 2700                               | 1600                            |
|           |                         | 4/15/13     | 6.79       | 24.0                   | 2930                               | 1800                            |
|           |                         | 4/14/14     | 6.95       | 23.9                   | 3180                               | 1800                            |
|           |                         | 4/1/15      | 7.35       | 23.7                   | 1838                               | 1890                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55 Registry No. | Sample Date | pH (SU) | Temperature (deg C) | Specific Conductance (µS/cm) | Sulfate, Dissolved (mg/L) |
|-----------|----------------------|-------------|---------|---------------------|------------------------------|---------------------------|
| IW-24     | 200556               | 7/18/07     | 6.78    | 29.0                | 1739                         | 1790                      |
|           |                      | 1/16/08     | 7.06    | 24.2                | 1387                         | 1700                      |
|           |                      | 4/22/08     | 6.68    | 28.7                | 1141                         | 1650                      |
|           |                      | 4/22/08 DUP | 6.68    | 28.7                | 1141                         | 1750                      |
|           |                      | 7/23/08     | 6.68    | 30.7                | 1420                         | 1730                      |
|           |                      | 10/24/08    | 6.71    | 28.1                | 1058                         | 1640                      |
|           |                      | 1/27/09     | 6.43    | 21.3                | 1510                         | 1560                      |
|           |                      | 4/20/09     | 6.79    | 25.6                | 1604                         | 1600                      |
|           |                      | 4/20/09 DUP | 6.79    | 25.6                | 1604                         | 1500                      |
|           |                      | 4/12/10     | 6.70    | 27.1                | 1450                         | 1600                      |
|           |                      | 5/11/11     | 6.76    | 24.6                | 3260                         | 1700                      |
|           |                      | 5/22/12     | 6.47    | 27.3                | 2800                         | 1700                      |
|           |                      | 4/15/13     | 6.83    | 24.4                | 2800                         | 1900                      |
|           |                      | 4/14/14     | 7.06    | 25.0                | 1958                         | 1710                      |
|           |                      | 4/14/14 DUP | 7.06    | 25.0                | 1958                         | 1760                      |
|           |                      | 4/1/15      | 7.50    | 24.1                | 1732                         | 1760                      |
|           |                      | 5/17/16     | 7.44    | 24.1                | 1814                         | 1920                      |
|           |                      | 8/22/16     | 7.40    | 25.9                | 3672                         | 1770                      |
| IW-25     | 219596               | 10/3/16     | 7.63    | 26.1                | 3684                         | 1760                      |
|           |                      | 4/19/17     | 7.85    | 24.7                | 3475                         | 1910                      |
|           |                      | 4/15/13     | 7.01    | 27.6                | 932                          | 390                       |
|           |                      | 4/14/14     | 7.56    | 27.9                | 688                          | 348                       |
|           |                      | 5/17/16     | 7.39    | 28.1                | 1740                         | 1220                      |
|           |                      | 5/17/16 DUP | 7.39    | 28.1                | 1740                         | 1180                      |
|           |                      | 10/4/16     | 7.60    | 27.9                | 2927                         | 1300                      |
| IW-26     | 219143               | 4/19/17     | 7.80    | 29.3                | 2638                         | 1320                      |
|           |                      | 4/24/18     | 7.69    | 29.2                | 2262                         | 1440                      |
|           |                      | 4/23/19     | 7.53    | 28.8                | 1573                         | 1560                      |
|           |                      | 4/15/13     | 7.00    | 25.6                | 2620                         | 1700                      |
|           |                      | 4/1/15      | 7.53    | 27.3                | 1683                         | 1630                      |
|           |                      | 5/17/16     | 7.57    | 26.2                | 1720                         | 1750                      |
|           |                      | 8/22/16     | 7.46    | 27.9                | 3308                         | 1670                      |
| IW-27     | 219136               | 10/4/16     | 7.61    | 29.9                | 3243                         | 1440                      |
|           |                      | 4/19/17     | 7.85    | 22.0                | 3345                         | 1780                      |
|           |                      | 4/24/18     | 7.68    | 26.6                | 2664                         | 1770                      |
|           |                      | 4/23/19     | 7.81    | 31.7                | 1543                         | 1520                      |
|           |                      | 4/14/14     | 7.16    | 22.4                | 3210                         | 1760                      |
|           |                      | 4/1/15      | 7.41    | 25.6                | 1683                         | 1670                      |
|           |                      | 4/1/15 DUP  | 7.41    | 25.6                | 1683                         | 1710                      |
|           |                      | 5/17/16     | 7.46    | 25.3                | 1740                         | 1930                      |
| IW-28     | 219137               | 8/22/16     | 7.33    | 26.2                | 3593                         | 1820                      |
|           |                      | 10/3/16     | 7.45    | 25.6                | 3624                         | 1790                      |
|           |                      | 4/19/17     | 7.75    | 25.4                | 3363                         | 1810                      |
|           |                      | 4/24/18     | 7.60    | 25.7                | 2671                         | 1830                      |
|           |                      | 4/24/19     | 7.74    | 25.3                | 1788                         | 1890                      |
|           |                      | 4/15/13     | 7.03    | 24.2                | 2930                         | 1720                      |
|           |                      | 4/14/14     | 7.08    | 25.0                | 3230                         | 1740                      |
|           |                      | 4/1/15      | 7.48    | 25.8                | 1807                         | 1730                      |
| IW-29     | 222865               | 5/17/16     | 7.33    | 25.3                | 1829                         | 1840                      |
|           |                      | 8/22/16     | 7.43    | 26.9                | 3582                         | 1780                      |
|           |                      | 10/3/16     | 7.53    | 26.0                | 3583                         | 1740                      |
|           |                      | 4/19/17     | 7.73    | 25.9                | 3398                         | 1860                      |
|           |                      | 4/24/18     | 7.72    | 25.5                | 2699                         | 1820                      |
|           |                      | 4/22/19     | 7.63    | 26.0                | 1470                         | 1890                      |
|           |                      | 5/12/14     | NM      | NM                  | NM                           | 1680                      |
| IW-29     | 222865               | 4/1/15      | 7.28    | 26.5                | 1758                         | 1750                      |
|           |                      | 10/3/16     | 7.53    | 26.4                | 3459                         | 1630                      |
|           |                      | 4/19/17     | 7.80    | 26.1                | 3254                         | 1750                      |
|           |                      | 4/24/18     | 7.67    | 25.9                | 2606                         | 1760                      |
|           |                      | 4/22/19     | 7.64    | 26.3                | 1509                         | 1540                      |
|           |                      | 4/22/19 DUP | 7.64    | 26.3                | 1509                         | 1310                      |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU)        | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|--------------|-------------------|------------------------|------------------------------------|---------------------------------|
| M-8       | 087390                  | 12/6/06      | 7.50              | 25.5                   | 380                                | NA                              |
|           |                         | 12/6/06      | 7.60              | NM                     | 380                                | NA                              |
|           |                         | 4/16/07      | 7.87              | 23.1                   | 424                                | <0.5                            |
|           |                         | 7/11/07      | 7.67              | 28.2                   | 415                                | 16.5                            |
|           |                         | 1/9/08       | 7.68              | 23.7                   | 458                                | 50                              |
|           |                         | 4/15/08      | 6.85              | 28                     | 362                                | 28.7                            |
|           |                         | 7/25/08      | 7.62              | 27                     | 398                                | 24.5                            |
|           |                         | 10/28/08     | 7.67              | 27.8                   | 406                                | 26.3                            |
|           |                         | 10/28/08 DUP | 7.67              | 27.8                   | 406                                | 26.2                            |
|           |                         | 1/20/09      | 7.49              | 25.2                   | 397                                | 36.8                            |
|           |                         | 5/12/09      | 7.62              | 26.8                   | 387                                | 29.6                            |
|           |                         | 11/5/09      | 7.61              | 26.6                   | 382                                | 31.4                            |
|           |                         | 5/28/10      | 7.63              | 26.9                   | 448                                | 45.1                            |
|           |                         | 10/21/10     | 7.64              | 25.5                   | 435                                | 46.9                            |
|           |                         | 6/15/11      | 7.57              | 26.1                   | 501                                | 59.3                            |
|           |                         | 11/17/11     | 7.88              | 23.6                   | 522                                | 84.577                          |
|           |                         | 6/29/12      | 7.73              | 27.9                   | 417                                | 24                              |
|           |                         | 10/29/12     | 7.62              | 25.7                   | 419                                | 16.45                           |
|           |                         | 4/17/13      | 7.74              | 27.1                   | 567                                | 140.61                          |
|           |                         | 5/21/13      | 7.78              | 27.0                   | 374                                | 28.85                           |
|           |                         | 10/29/13     | 7.61              | 25.6                   | 258                                | 18.3                            |
|           |                         | 4/22/14      | 7.85              | 23.4                   | 351                                | 20.2                            |
|           |                         | 11/4/14      | 7.85              | 25.4                   | 445                                | 19.6                            |
|           |                         | 4/6/15       | 7.96              | 27.7                   | 293                                | 20.6                            |
|           |                         | 8/25/16      | 7.81              | 26.4                   | 439                                | 36.4                            |
|           |                         | 10/27/16     | 8.12              | 26.8                   | 453                                | 35.0                            |
|           |                         | 1/17/17      | 8.22              | 25.1                   | 417                                | 29.8                            |
|           |                         | 5/8/17       | 8.04              | 26.8                   | 571                                | 32.4                            |
|           |                         | 7/10/17      | 8.02              | 27.4                   | 449                                | 34.0                            |
|           |                         | 10/2/17      | 8.08              | 26.9                   | 537                                | 40.3                            |
|           |                         | 1/9/18       | 8.15              | 26.1                   | 956                                | 267.0                           |
|           |                         | 3/29/18      | 8.08              | 27.4                   | 540                                | 130                             |
|           |                         | 5/9/18       | 7.88              | 27.8                   | 477                                | 102                             |
|           |                         | 11/6/18      | 8.33              | 27.1                   | 311                                | 55.8                            |
|           |                         | 4/16/19      | 8.26              | 28.0                   | 347                                | 54.2                            |
| M-9       | 501652                  | 1/17/07      | 7.50 <sup>2</sup> | 26.0                   | 460                                | NA                              |
|           |                         | 7/11/07      | 7.72              | 27.0                   | 334                                | NA                              |
|           |                         | 1/8/08       | 6.51              | 25.7                   | 533                                | 80                              |
|           |                         | 1/8/08       | 7.67              | 26.7                   | 480.7                              | 65                              |
|           |                         | 4/14/08      | 7.74              | 27.8                   | 422                                | 67.2                            |
|           |                         | 7/21/08      | 7.52              | 29.5                   | 485                                | 68.7                            |
|           |                         | 10/28/08     | 7.66              | 30.3                   | 503                                | 74.8                            |
|           |                         | 1/20/09      | 7.64              | 24.1                   | 470                                | 81.6                            |
|           |                         | 5/13/09      | 7.54              | 27.3                   | 487                                | 80.2                            |
|           |                         | 7/14/09      | 7.60              | 27.0                   | 420                                | 81.7                            |
|           |                         | 6/16/10      | 7.63              | 26.6                   | 511                                | 77                              |
|           |                         | 6/2/11       | 7.59              | 27.1                   | 525                                | 75                              |
|           |                         | 6/27/12      | 7.26              | 27.4                   | 581                                | 81                              |
|           |                         | 5/1/13       | 7.81              | 26.5                   | 461                                | 66.05                           |
|           |                         | 4/22/14      | 7.82              | 26.2                   | 550                                | 106.00                          |
|           |                         | 1/20/15      | 7.92              | 25.8                   | 490                                | 74.00                           |
|           |                         | 4/6/15       | 7.83              | 25.3                   | 346                                | 57.8                            |
|           |                         | 2/9/16       | 7.73              | 25.7                   | 374                                | 39.8                            |
|           |                         | 2/9/16 DUP   | 7.73              | 25.7                   | 374                                | 39.1                            |
|           |                         | 4/25/16      | 7.80              | 25.2                   | 374                                | 49.0                            |
|           |                         | 8/24/16      | 8.64              | 25.3                   | 253                                | 10.6                            |
|           |                         | 1/11/17      | 8.38              | 23.2                   | 234                                | 3.0                             |
|           |                         | 5/8/17       | 8.38              | 24.5                   | 198.3                              | <1                              |
|           |                         | 7/10/17      | 8.30              | 27.9                   | 231                                | <0.5                            |
|           |                         | 10/2/17      | 8.20              | 27.0                   | 279                                | <0.4                            |
|           |                         | 1/9/18       | 8.33              | 25.4                   | 141                                | 1.58                            |
|           |                         | 5/9/18       | 8.17              | 27.4                   | 305                                | 3.10                            |
|           |                         | 4/15/19      | 8.30              | 27.1                   | 260                                | <0.4                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|-------------|------------|------------------------|------------------------------------|---------------------------------|
| M-10      | 501653                  | 7/19/06     | NM         | NM                     | NM                                 | 66                              |
|           |                         | 1/16/07     | 7.90       | 29.0                   | 440                                | NA                              |
|           |                         | 4/16/07     | 7.97       | 28.2                   | 475                                | 72.6                            |
|           |                         | 7/12/07     | 8.05       | 27.0                   | 322                                | NA                              |
|           |                         | 1/8/08      | 7.91       | 24.8                   | 537                                | 73                              |
|           |                         | 4/15/08     | 7.99       | 27.6                   | 428                                | 81                              |
|           |                         | 7/21/08     | 7.69       | 31                     | 489                                | 89.8                            |
|           |                         | 10/28/08    | 8.08       | 28.1                   | 521                                | 97.1                            |
|           |                         | 1/20/09     | 7.91       | 29                     | 467                                | 95                              |
|           |                         | 5/12/09     | 7.77       | 26.9                   | 487                                | 97                              |
|           |                         | 7/14/09     | 7.20       | 25.0                   | 420                                | 96                              |
|           |                         | 11/5/09     | 7.13       | 30.5                   | 479                                | 110                             |
|           |                         | 11/5/09 DUP | 7.13       | 30.5                   | 479                                | 107                             |
|           |                         | 5/28/10     | 7.83       | 30.1                   | 497                                | 121                             |
|           |                         | 10/21/10    | 7.76       | 27.1                   | 585                                | 139                             |
|           |                         | 5/10/11     | 7.86       | 28.9                   | 641                                | 149                             |
|           |                         | 11/16/11    | 8.04       | 27.6                   | 612                                | 162                             |
|           |                         | 6/25/12     | 7.61       | 29.8                   | 162                                | 162                             |
|           |                         | 10/29/12    | 7.88       | 27.0                   | 645                                | 158                             |
|           |                         | 4/17/13     | 7.90       | 28.9                   | 618                                | 170.32                          |
|           |                         | 10/29/13    | 7.94       | 27.3                   | 431                                | 164                             |
|           |                         | 4/22/14     | 8.16       | 25.4                   | 585                                | 165                             |
|           |                         | 11/4/14     | 8.34       | 25.2                   | 472                                | 114                             |
|           |                         | 1/19/15     | 8.48       | 25.9                   | 611                                | 151                             |
|           |                         | 1/19/15 DUP | 8.48       | 25.9                   | 611                                | 157                             |
|           |                         | 4/6/15      | 8.14       | 28.6                   | 560                                | 166                             |
|           |                         | 12/5/16     | 8.57       | 27.9                   | 723                                | 176                             |
|           |                         | 1/17/17     | 8.70       | 27.4                   | 756                                | 202                             |
|           |                         | 5/8/17      | 8.72       | 26.5                   | 712                                | 174                             |
|           |                         | 7/10/17     | 8.73       | 28.3                   | 493                                | 135                             |
|           |                         | 10/2/17     | 8.04       | 26.4                   | 610                                | 154                             |
|           |                         | 10/2/17 DUP | 8.04       | 26.4                   | 610                                | 154                             |
|           |                         | 1/9/18      | 8.83       | 26.1                   | 541                                | 159                             |
|           |                         | 1/9/18 DUP  | 8.83       | 26.1                   | 541                                | 168                             |
|           |                         | 5/9/18      | 8.75       | 27.0                   | 522                                | 154                             |
|           |                         | 11/6/18     | 8.58       | 29.4                   | 673                                | 297                             |
|           |                         | 4/5/19      | 9.02       | 26.8                   | 492                                | 217                             |
| M-20      | 906595                  | 3/22/07     | 7.10       | 27.0                   | 3500                               | NA                              |
|           |                         | 7/12/07     | 7.44       | 27.0                   | 1970                               | NA                              |
|           |                         | 1/9/08      | 7.15       | 25.6                   | 1853                               | 1750                            |
|           |                         | 1/9/08      | 7.29       | 26.3                   | 2878                               | 1500                            |
|           |                         | 4/14/08     | 7.18       | 27                     | 1277                               | 1550                            |
|           |                         | 7/25/08     | 6.99       | 27.6                   | 1857                               | 1550                            |
|           |                         | 10/28/08    | 7.03       | 28.2                   | 1688                               | 1660                            |
|           |                         | 1/20/09     | 6.95       | 27.1                   | 1506                               | 1760                            |
|           |                         | 5/12/09     | 6.88       | 28.0                   | 1501                               | 1580                            |
|           |                         | 5/28/10     | 7.22       | 28.2                   | 3050                               | 1620                            |
|           |                         | 5/9/11      | 7.29       | 27.8                   | 2790                               | 1710                            |
|           |                         | 6/26/12     | 7.15       | 28.3                   | 3050                               | 1722.9                          |
|           |                         | 4/23/13     | 7.50       | 26.6                   | 2720                               | 1801.6                          |
|           |                         | 4/22/14     | 9.25       | 26.2                   | 2590                               | 1460                            |
|           |                         | 4/22/14 DUP | 9.25       | 26.2                   | 2590                               | 1440                            |
|           |                         | 4/27/15     | 7.58       | 27.9                   | 2770                               | 1720                            |
|           |                         | 4/26/16     | 7.67       | 28.0                   | 2600                               | 1750                            |
|           |                         | 5/8/17      | 8.88       | 26.7                   | 2892                               | 1470                            |
|           |                         | 6/21/18     | 7.90       | 28.3                   | 1667                               | 824                             |
|           |                         | 4/16/19     | 8.45       | 25.3                   | 1152                               | 1260                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55 Registry No. | Sample Date | pH (SU) | Temperature (deg C) | Specific Conductance (µS/cm) | Sulfate, Dissolved (mg/L) |
|-----------|----------------------|-------------|---------|---------------------|------------------------------|---------------------------|
| MC-1      | 221660               | 2/4/14      | 7.57    | 25.4                | 3080                         | 1620                      |
|           |                      | 4/15/14     | 7.55    | 27.2                | 1797                         | 1680                      |
|           |                      | 7/9/14      | 6.97    | 28.2                | 2850                         | 1750                      |
|           |                      | 11/11/14    | 7.10    | 26.9                | 2970                         | 1750                      |
|           |                      | 1/12/15     | 7.46    | 26.1                | 2960                         | 1660                      |
|           |                      | 4/2/15      | 7.45    | 26.9                | 1513                         | 1710                      |
|           |                      | 7/15/15     | 6.51    | 29.1                | 2890                         | 1810                      |
|           |                      | 11/3/15     | 7.53    | 25.8                | 1587                         | 1670                      |
|           |                      | 1/5/16      | 7.09    | 25.1                | 1724                         | 1730                      |
|           |                      | 5/16/16     | 7.40    | 27.7                | 1584                         | 1680                      |
|           |                      | 8/22/16     | 7.38    | 27.8                | 3357                         | 1700                      |
|           |                      | 4/17/17     | 7.72    | 27.7                | 3156                         | 1680                      |
| MC-2      | 221761               | 4/26/18     | 7.64    | 27.8                | 2592                         | 1680                      |
|           |                      | 4/22/19     | 7.74    | 26.5                | 1268                         | 1710                      |
|           |                      | 2/4/14      | 7.61    | 25.4                | 2630                         | 1330                      |
|           |                      | 4/15/14     | 7.45    | 27.3                | 1546                         | 1320                      |
|           |                      | 7/9/14      | 6.93    | 28.6                | 2410                         | 1360                      |
|           |                      | 11/11/14    | 7.13    | 27.5                | 1922                         | 1260                      |
|           |                      | 1/12/15     | 7.59    | 26.8                | 1697                         | 1200                      |
|           |                      | 4/2/15      | 7.49    | 26.5                | 1368                         | 1200                      |
|           |                      | 7/15/15     | 7.59    | 29.4                | 2220                         | 1290                      |
|           |                      | 11/3/15     | 7.53    | 26.5                | 1497                         | 1110                      |
|           |                      | 11/3/15 DUP | 7.53    | 26.5                | 1497                         | 1120                      |
|           |                      | 1/5/16      | 7.17    | 25.7                | 1515                         | 1190                      |
|           |                      | 5/16/16     | 7.56    | 28.1                | 1329                         | 1150                      |
|           |                      | 8/22/16     | 7.51    | 28.8                | 2502                         | 1120                      |
|           |                      | 4/18/17     | 7.66    | 29.4                | 2301                         | 1010                      |
| MC-3      | 221661               | 5/2/18      | 7.70    | 28.1                | 1783                         | 1000                      |
|           |                      | 4/18/19     | 7.74    | 27.3                | 1190                         | 989                       |
|           |                      | 4/18/19 DUP | 7.74    | 27.3                | 1190                         | 1060                      |
|           |                      | 2/4/14      | 7.46    | 24.6                | 2690                         | 1380                      |
|           |                      | 4/15/14     | 7.68    | 27.9                | 1555                         | 1350                      |
|           |                      | 7/9/14      | 6.91    | 28.7                | 2480                         | 1510                      |
|           |                      | 11/11/14    | 7.14    | 27.2                | 2610                         | 1440                      |
|           |                      | 1/12/15     | 7.61    | 26.8                | 1794                         | 1350                      |
|           |                      | 4/2/15      | 7.52    | 26.7                | 1338                         | 1390                      |
|           |                      | 7/15/15     | 7.44    | 29.8                | 2400                         | 1410                      |
|           |                      | 11/4/15     | 7.48    | 25.0                | 1507                         | 1370                      |
|           |                      | 1/6/16      | 7.25    | 24.5                | 1590                         | 1420                      |
|           |                      | 5/16/16     | 7.57    | 27.9                | 1353                         | 1410                      |
|           |                      | 8/22/16     | 7.45    | 29.1                | 2831                         | 1410                      |
| MC-4      | 220842               | 4/17/17     | 7.50    | 26.5                | 1461                         | 1370                      |
|           |                      | 4/17/17 DUP | 7.50    | 26.5                | 1461                         | 1370                      |
|           |                      | 6/29/18     | 7.77    | 28.4                | 2194                         | 1340                      |
|           |                      | 4/22/19     | 7.98    | 28.1                | 1163                         | 1310                      |
|           |                      | 2/4/14      | 7.11    | 25.9                | 2440                         | 1210                      |
|           |                      | 4/15/14     | 7.64    | 29.2                | 1437                         | 1160                      |
|           |                      | 7/9/14      | 6.76    | 29.2                | 2320                         | 1300                      |
|           |                      | 7/9/14 DUP  | 6.76    | 29.2                | 2320                         | 1310                      |
|           |                      | 11/11/14    | 7.06    | 27.9                | 1926                         | 1280                      |
|           |                      | 1/12/15     | 7.58    | 27.9                | 1665                         | 1220                      |
|           |                      | 4/2/15      | 7.45    | 27.6                | 1310                         | 1230                      |
|           |                      | 7/15/15     | 7.49    | 31.0                | 2280                         | 1220                      |
|           |                      | 11/4/15     | 7.48    | 26.3                | 1490                         | 1240                      |
|           |                      | 1/6/16      | 7.23    | 26.5                | 1547                         | 1350                      |
|           |                      | 5/16/16     | 7.49    | 28.4                | 1330                         | 1340                      |
|           |                      | 8/22/16     | 7.39    | 29.9                | 2756                         | 1320                      |
|           |                      | 4/17/17     | 7.46    | 27.4                | 1277                         | 1340                      |
|           |                      | 5/1/18      | 7.70    | 29.2                | 2157                         | 1370                      |
|           |                      | 5/23/19     | 7.87    | 28.3                | 738                          | 1340                      |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|-------------|------------|------------------------|------------------------------------|---------------------------------|
| MH-10     | 803636                  | 11/8/06     | NM         | NM                     | NM                                 | 1330                            |
|           |                         | 1/9/07      | 6.70       | 28.5                   | 1717                               | 1310                            |
|           |                         | 4/3/07      | 6.86       | 30.2                   | 1267                               | 1360                            |
|           |                         | 7/16/07     | 6.87       | 31.4                   | 1138                               | 1410                            |
|           |                         | 1/3/08      | 6.41       | 24.8                   | 1626                               | 1430                            |
|           |                         | 4/28/08     | 6.60       | 31                     | 973                                | 1460                            |
|           |                         | 7/31/08     | 7.07       | 32.5                   | 1827                               | 1550                            |
|           |                         | 11/4/08     | 7.02       | 26.0                   | 1856                               | 1450                            |
|           |                         | 1/2/09      | 6.54       | 26.1                   | 1798                               | 1400                            |
|           |                         | 4/14/09     | 6.62       | 28.1                   | 1260                               | 1260                            |
|           |                         | 4/26/10     | 7.05       | 29.9                   | 1365                               | 1500                            |
|           |                         | 4/26/10 DUP | 7.05       | 29.9                   | 1365                               | 1400                            |
|           |                         | 5/18/11     | 7.03       | 27.4                   | 2900                               | 1600                            |
|           |                         | 6/5/12      | 6.88       | 29.3                   | 2910                               | 1500                            |
|           |                         | 6/10/13     | 7.17       | 30.2                   | 1791                               | 1720                            |
|           |                         | 4/23/14     | 7.05       | 26.8                   | 2910                               | 1540                            |
|           |                         | 4/14/15     | 7.10       | 28.5                   | 1389                               | 1560                            |
|           |                         | 6/8/16      | 7.04       | 28.4                   | 1439                               | 1560                            |
| MH-11     | 803637                  | 5/4/17      | 7.72       | 27.4                   | 2722                               | 1580                            |
|           |                         | 4/23/18     | 7.63       | 27.2                   | 2692                               | 1480                            |
|           |                         | 4/17/19     | 8.01       | 27.0                   | 1205                               | 1170                            |
|           |                         | 1/11/07     | 7.33       | 25.0                   | 1778                               | 1590                            |
|           |                         | 4/10/07     | 7.02       | 28.3                   | 1327                               | 1580                            |
|           |                         | 7/17/07     | 6.87       | 28.8                   | 1848                               | 1650                            |
|           |                         | 1/4/08      | 6.44       | 26.3                   | 1690                               | 1560                            |
|           |                         | 4/29/08     | 6.48       | 30.2                   | 959                                | 1700                            |
|           |                         | 7/29/08     | 6.97       | 32.2                   | 1767                               | 1550                            |
|           |                         | 11/7/08     | 7.01       | 27.1                   | 1350                               | 1560                            |
|           |                         | 1/16/09     | 7.04       | 27.5                   | 1454                               | 1400                            |
|           |                         | 5/13/09     | 6.62       | 31.0                   | 1569                               | 1500                            |
|           |                         | 4/27/10     | 6.61       | 29.3                   | 1382                               | 1400                            |
|           |                         | 5/24/11     | 6.77       | 27.4                   | 2650                               | 1500                            |
|           |                         | 5/30/12     | 6.83       | 30.3                   | 2730                               | 1440                            |
|           |                         | 4/23/13     | 7.34       | 27.7                   | 2410                               | 1480                            |
|           |                         | 4/29/14     | 7.12       | 27.6                   | 1946                               | 1590                            |
|           |                         | 4/16/15     | 7.14       | 27.9                   | 2060                               | 1550                            |
| MH-13A    | 904071                  | 5/18/16     | 7.17       | 27.1                   | 2140                               | 1810                            |
|           |                         | 5/10/17     | 7.82       | 27.0                   | 2807                               | 1640                            |
|           |                         | 5/2/18      | 7.58       | 26.8                   | 2670                               | 1290                            |
|           |                         | 4/17/19     | 7.81       | 26.6                   | 1329                               | 1690                            |
|           |                         | 11/10/06    | NM         | NM                     | NM                                 | 1680                            |
|           |                         | 1/24/07     | 7.87       | 25.0                   | 1458                               | 1700                            |
|           |                         | 4/18/07     | 7.1        | 27.4                   | 1609                               | 1720                            |
|           |                         | 7/17/07     | 6.98       | 28.1                   | 1553                               | 1760                            |
|           |                         | 1/4/08      | 6.97       | 26.1                   | 1810                               | 1710                            |
|           |                         | 4/29/08     | 7.09       | 28.8                   | 1174                               | 1800                            |
|           |                         | 7/16/08     | 7.03       | 27.4                   | 1824                               | 1720                            |
|           |                         | 7/16/08 DUP | 7.03       | 27.4                   | 1824                               | 1710                            |
|           |                         | 10/20/08    | 7.07       | 27.7                   | 1984                               | 1800                            |
|           |                         | 1/23/09     | 6.84       | 25.1                   | 1510                               | 1700                            |
|           |                         | 4/15/09     | 7.12       | 25.6                   | 1643                               | 1650                            |
|           |                         | 4/21/10     | 7.24       | 25.3                   | 1384                               | 1700                            |
|           |                         | 5/23/11     | 7.12       | 26.9                   | 3450                               | 1840                            |
|           |                         | 6/11/12     | 7.10       | 27.6                   | 3340                               | 1680                            |
|           |                         | 4/3/13      | 7.20       | 25.9                   | 2870                               | 1760                            |
|           |                         | 4/10/14     | 10.34      | 22.9                   | 1820                               | 1190                            |
|           |                         | 4/22/15     | 9.19       | 24.6                   | 1322                               | 1100                            |
|           |                         | 4/6/16      | 9.25       | 25.4                   | 2567                               | 1050                            |
|           |                         | 6/22/17     | 7.54       | 27.0                   | 3641                               | 1820                            |



**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55 Registry No. | Sample Date | pH (SU) | Temperature (deg C) | Specific Conductance (µS/cm) | Sulfate, Dissolved (mg/L) |
|-----------|----------------------|-------------|---------|---------------------|------------------------------|---------------------------|
| MH-13B    | 904072               | 11/10/06    | NM      | NM                  | NM                           | 1080                      |
|           |                      | 1/24/07     | 8.07    | 25.9                | 1262                         | 1100                      |
|           |                      | 4/18/07     | 7.36    | 30                  | 1396                         | 1120                      |
|           |                      | 7/17/07     | 7.28    | 28.5                | 1786                         | 1150                      |
|           |                      | 1/4/08      | 7.21    | 27.2                | 1576                         | 1110                      |
|           |                      | 4/29/08     | 7.26    | 29.6                | 985                          | 1110                      |
|           |                      | 7/16/08     | 7.42    | 31.5                | 1589                         | 1110                      |
|           |                      | 10/20/08    | 7.34    | 29.6                | 1627                         | 1080                      |
|           |                      | 1/23/09     | 7.13    | 26.6                | 1639                         | 1130                      |
|           |                      | 4/15/09     | 7.50    | 25.4                | 1370                         | 1030                      |
|           |                      | 4/15/09 DUP | 7.50    | 25.4                | 1370                         | 1100                      |
|           |                      | 4/21/10     | 7.57    | 28.8                | 1100                         | 1030                      |
|           |                      | 5/23/11     | 7.28    | 28.3                | 2400                         | 1090                      |
|           |                      | 5/23/11 DUP | 7.28    | 28.3                | 2400                         | 1110                      |
|           |                      | 6/11/12     | 7.24    | 29.1                | 2310                         | 1020                      |
|           |                      | 4/3/13      | 7.42    | 27.5                | 1818                         | 1050                      |
|           |                      | 4/10/14     | 9.56    | 25.7                | 1510                         | 849                       |
|           |                      | 4/22/15     | 9.54    | 26.9                | 1246                         | 903                       |
|           |                      | 4/6/16      | 9.37    | 27.0                | 1924                         | 1220                      |
|           |                      | 5/1/17      | 8.83    | 27.0                | 2410                         | 1050                      |
|           |                      | 5/8/18      | 8.62    | 29.4                | 1732                         | 849                       |
|           |                      | 4/18/19     | 8.83    | 27.2                | 1206                         | 840                       |
| MH-13C    | 904073               | 11/10/06    | NM      | NM                  | NM                           | 90                        |
|           |                      | 1/24/07     | 9.12    | 22.9                | 450                          | 100                       |
|           |                      | 4/18/07     | 9.2     | 29.1                | 379                          | 20                        |
|           |                      | 7/17/07     | 8.78    | 33.8                | 380                          | 20                        |
|           |                      | 1/4/08      | 8.99    | 26.6                | 396                          | 20                        |
|           |                      | 5/7/08      | 8.71    | 30.4                | 363                          | 40                        |
|           |                      | 7/16/08     | 8.69    | 32.01               | 371                          | 70                        |
|           |                      | 10/20/08    | 8.90    | 32.8                | 380                          | 60                        |
|           |                      | 1/27/09     | 7.99    | 27.3                | 323                          | 30                        |
|           |                      | 4/15/09     | 8.79    | 25.9                | 421                          | 42                        |
|           |                      | 4/21/10     | 8.84    | 28.0                | 385                          | 27                        |
|           |                      | 5/23/11     | 8.65    | 30.4                | 364                          | 43                        |
|           |                      | 6/11/12     | 8.61    | 30.7                | 411                          | 50                        |
|           |                      | 4/3/13      | 8.77    | 28.3                | 340                          | 45                        |
|           |                      | 4/10/14     | 9.69    | 25.6                | 275                          | 1.2                       |
|           |                      | 4/22/15     | 9.14    | 26.8                | 211                          | 0.78                      |
|           |                      | 4/6/16      | 9.23    | 27.0                | 241                          | <0.5                      |
|           |                      | 5/1/17      | 8.89    | 26.8                | 286.4                        | 1.18                      |
|           |                      | 5/8/18      | 8.69    | 29.7                | 289                          | 24.4                      |
|           |                      | 4/17/19     | 9.40    | 27.0                | 235                          | <0.4                      |
| MH-14     | 528098               | 4/21/15     | 7.35    | 26.6                | 1459                         | 1650                      |
|           |                      | 3/9/17      | 7.67    | 24.3                | 3276                         | 1840                      |
|           |                      | 4/3/17      | 7.47    | 26.6                | 2207                         | 1360                      |
|           |                      | 7/11/17     | 7.64    | 25.5                | 2890                         | 1830                      |
|           |                      | 10/18/17    | 7.75    | 27.4                | 2993                         | 1770                      |
| MH-15W    | 528093               | 4/10/18     | 7.42    | 28.4                | 2572                         | 1830                      |
|           |                      | 3/9/17      | 7.81    | 22.1                | 3301                         | 1800                      |
|           |                      | 3/9/17 DUP  | 7.81    | 22.1                | 3301                         | 1720                      |
|           |                      | 4/4/17      | 7.39    | 24.1                | 2436                         | 1490                      |
|           |                      | 7/11/17     | 7.63    | 22.9                | 3220                         | 1740                      |
| MH-16W    | 528099               | 10/19/17    | 7.86    | 24.0                | 3040                         | 1830                      |
|           |                      | 4/11/18     | 7.16    | 25.7                | 2765                         | 1830                      |
|           |                      | 11/4/14     | 7.76    | 23.3                | 3220                         | 1880                      |
|           |                      | 11/4/14 DUP | 7.76    | 23.3                | 3220                         | 1800                      |
|           |                      | 4/21/15     | 7.36    | 23.6                | 1372                         | 1830                      |
|           |                      | 3/9/17      | 7.54    | 24.7                | 3350                         | 1900                      |
|           |                      | 4/4/17      | 7.68    | 23.5                | 1184                         | 1770                      |
|           |                      | 4/4/17 DUP  | 7.68    | 23.5                | 1184                         | 1900                      |
|           |                      | 7/11/17     | 7.70    | 25.2                | 3044                         | 1930                      |
|           |                      | 10/19/17    | 8.06    | 26.2                | 2457                         | 1480                      |
|           |                      | 4/11/18     | 7.27    | 26.9                | 2622                         | 1860                      |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|-------------|------------|------------------------|------------------------------------|---------------------------------|
| MH-25A    | 201528                  | 11/13/06    | NM         | NM                     | NM                                 | 190                             |
|           |                         | 1/10/07     | 8.09       | 26.0                   | 344                                | 10                              |
|           |                         | 4/4/07      | 7.82       | 26.6                   | 322                                | <10                             |
|           |                         | 7/20/07     | 7.63       | 28.6                   | 431                                | <10                             |
|           |                         | 1/2/08      | 7.91       | 25.3                   | 401                                | 10                              |
|           |                         | 4/25/08     | 7.54       | 27                     | 311                                | 30                              |
|           |                         | 7/2/08      | 7.66       | 27.6                   | 342                                | <10                             |
|           |                         | 10/17/08    | 7.84       | 27.5                   | 333                                | 50                              |
|           |                         | 1/5/09      | 7.75       | 24.5                   | 336                                | 12                              |
|           |                         | 4/15/09     | 7.81       | 25.1                   | 350                                | 4                               |
|           |                         | 4/13/10     | 7.76       | 25.3                   | 334                                | 9                               |
|           |                         | 4/27/11     | 7.76       | 25.9                   | 358                                | 16                              |
|           |                         | 5/1/12      | 7.83       | 27.8                   | 376                                | 13                              |
|           |                         | 4/3/13      | 7.69       | 26.8                   | 335                                | 9                               |
|           |                         | 4/15/14     | 7.92       | 25.0                   | 265                                | 17                              |
|           |                         | 4/7/15      | 7.82       | 26.1                   | 268                                | 12.3                            |
|           |                         | 4/11/16     | 7.87       | 26.0                   | 350                                | 9.67                            |
| MH-25B    | 208429                  | 4/11/16 DUP | 7.87       | 26.0                   | 350                                | 9.93                            |
|           |                         | 5/2/17      | 8.20       | 25.7                   | 349.1                              | 10.00                           |
|           |                         | 11/13/06    | NM         | NM                     | NM                                 | 1660                            |
|           |                         | 1/10/07     | 7.54       | 26.1                   | 1440                               | 1680                            |
|           |                         | 4/4/07      | 7.32       | 28.7                   | 1333                               | 1550                            |
|           |                         | 7/20/07     | 7.16       | 28.4                   | 1649                               | 1760                            |
|           |                         | 1/2/08      | 7.10       | 26.5                   | 1900                               | 1730                            |
|           |                         | 4/25/08     | 7.05       | 28.6                   | 1138                               | 1750                            |
|           |                         | 7/2/08      | 7.04       | 28.6                   | 1851                               | 1650                            |
|           |                         | 10/17/08    | 7.74       | 28.8                   | 1768                               | 1660                            |
|           |                         | 1/5/09      | 7.22       | 24.9                   | 1581                               | 1590                            |
|           |                         | 4/15/09     | 7.25       | 25.2                   | 1483                               | 1600                            |
|           |                         | 4/13/10     | 7.59       | 28.1                   | 1120                               | 900                             |
|           |                         | 4/27/11     | 7.35       | 27.0                   | 3050                               | 1810                            |
|           |                         | 6/15/11     | 7.31       | 29.3                   | 3690                               | 1700                            |
|           |                         | 5/1/12      | 7.31       | 29.3                   | 1864                               | 1690                            |
|           |                         | 4/3/13      | 7.46       | 27.9                   | 2620                               | 1700                            |
| MH-25C    | 208426                  | 4/15/14     | 7.82       | 26.6                   | 1714                               | 1740                            |
|           |                         | 4/7/15      | 8.00       | 27.4                   | 1430                               | 1580                            |
|           |                         | 9/21/16     | 8.18       | 27.5                   | 2688                               | 1190                            |
|           |                         | 5/2/17      | 8.32       | 27.1                   | 2258                               | 1040                            |
|           |                         | 5/2/18      | 8.61       | 26.4                   | 1787                               | 916                             |
|           |                         | 4/18/19     | 9.18       | 26.2                   | 1536                               | 1080                            |
|           |                         | 11/13/06    | NM         | NM                     | NM                                 | 1290                            |
|           |                         | 1/10/07     | 7.46       | 26.3                   | 1361                               | 1250                            |
|           |                         | 4/13/07     | 7.24       | 26                     | 1357                               | 1260                            |
|           |                         | 7/20/07     | 7.13       | 30.2                   | 1599                               | 1240                            |
|           |                         | 1/2/08      | 7.25       | 28.2                   | 1608                               | 1250                            |
|           |                         | 4/25/08     | 7.20       | 30                     | 1031                               | 1240                            |
|           |                         | 7/2/08      | 7.13       | 28.4                   | 1736                               | 1330                            |
|           |                         | 10/17/08    | 7.17       | 30.4                   | 1624                               | 1270                            |
|           |                         | 1/5/09      | 7.15       | 27                     | 1466                               | 1250                            |
|           |                         | 4/15/09     | 7.28       | 26.6                   | 1368                               | 1270                            |
|           |                         | 4/13/10     | 7.24       | 27.6                   | 1292                               | 1600                            |
|           |                         | 4/27/11     | 8.41       | 25.1                   | 1874                               | 1290                            |
|           |                         | 5/1/12      | 7.39       | 29.5                   | 1667                               | 1290                            |
|           |                         | 4/3/13      | 7.44       | 28.0                   | 1838                               | 1270                            |
|           |                         | 4/3/13 DUP  | 7.44       | 28.0                   | 1838                               | 1290                            |
|           |                         | 4/15/14     | 7.87       | 27.6                   | 1411                               | 1090                            |
|           |                         | 9/21/16     | 8.02       | 29.1                   | 2577                               | 1160                            |
|           |                         | 5/2/17      | 8.27       | 29.4                   | 2460                               | 1210                            |
|           |                         | 5/2/18      | 8.37       | 27.4                   | 2196                               | 1060                            |
|           |                         | 4/18/19     | 9.12       | 27.4                   | 1498                               | 1150                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55 Registry No. | Sample Date | pH (SU) | Temperature (deg C) | Specific Conductance (µS/cm) | Sulfate, Dissolved (mg/L) |
|-----------|----------------------|-------------|---------|---------------------|------------------------------|---------------------------|
| MH-26A    | 201527               | 11/13/06    | NM      | NM                  | NM                           | 10                        |
|           |                      | 1/15/07     | 7.89    | 26.2                | 316                          | <10                       |
|           |                      | 4/4/07      | 7.83    | 27                  | 325                          | 10                        |
|           |                      | 7/19/07     | 7.80    | 26.9                | 428                          | 20                        |
|           |                      | 1/2/08      | 7.72    | 25.3                | 395                          | <10                       |
|           |                      | 4/25/08     | 7.62    | 25.3                | 317                          | 100                       |
|           |                      | 7/2/08      | 7.57    | 27.8                | 337                          | 20                        |
|           |                      | 10/17/08    | 7.70    | 27.4                | 327                          | 20                        |
|           |                      | 1/5/09      | 7.65    | 26.4                | 343                          | 13                        |
|           |                      | 4/21/09     | 7.57    | 26.3                | 322                          | 10                        |
|           |                      | 4/13/10     | 7.60    | 26.7                | 332                          | 8                         |
|           |                      | 4/27/11     | 7.78    | 25.7                | 357                          | 8                         |
|           |                      | 4/27/11 DUP | 7.78    | 25.7                | 357                          | 9                         |
|           |                      | 5/2/12      | 7.59    | 27.5                | 386                          | 9                         |
|           |                      | 4/4/13      | 7.72    | 27.0                | 350                          | 8                         |
|           |                      | 4/15/14     | 7.78    | 24.3                | 210                          | 11.6                      |
| MH-26B    | 208427               | 11/13/06    | NM      | NM                  | NM                           | 1560                      |
|           |                      | 1/15/07     | 7.53    | 26.4                | 1310                         | 1590                      |
|           |                      | 4/4/07      | 7.31    | 30.5                | 1448                         | 1620                      |
|           |                      | 7/19/07     | 7.10    | 29.0                | 1652                         | 1590                      |
|           |                      | 7/19/07     | 7.10    | 29.0                | 1652                         | 1570                      |
|           |                      | 1/2/08      | 7.09    | 26.5                | 1849                         | 1670                      |
|           |                      | 4/25/08     | 6.95    | 28.8                | 1095                         | 1630                      |
|           |                      | 7/2/08      | 6.98    | 29.1                | 1835                         | 1660                      |
|           |                      | 10/20/08    | 7.16    | 29.2                | 1760                         | 1650                      |
|           |                      | 1/5/09      | 7.07    | 26.4                | 1661                         | 1540                      |
|           |                      | 1/5/09 DUP  | 7.07    | 26.4                | 1661                         | 1500                      |
|           |                      | 4/21/09     | 6.85    | 28.8                | 1238                         | 1520                      |
|           |                      | 4/13/10     | 7.27    | 27.3                | 1290                         | 1600                      |
|           |                      | 5/5/11      | 7.17    | 27.2                | 2910                         | 1710                      |
|           |                      | 5/1/12      | 7.26    | 29.7                | 1912                         | 1680                      |
|           |                      | 5/1/12 DUP  | 7.26    | 29.7                | 1912                         | 1750                      |
|           |                      | 4/4/13      | 7.26    | 28.4                | 2550                         | 1690                      |
|           |                      | 4/15/14     | 7.89    | 27.2                | 1661                         | 1570                      |
|           |                      | 4/7/15      | 8.05    | 27.6                | 1433                         | 1650                      |
|           |                      | 9/21/16     | 8.14    | 28.1                | 3510                         | 1720                      |
|           |                      | 5/2/17      | 9.86    | 25.8                | 2810                         | 1420                      |
|           |                      | 5/3/18      | 9.52    | 26.3                | 2120                         | 1180                      |
|           |                      | 4/18/19     | 9.27    | 26.2                | 1507                         | 1330                      |
|           |                      | 4/18/19 DUP | 9.27    | 26.2                | 1507                         | 1370                      |
| MH-26C    | 208428               | 11/13/06    | NM      | NM                  | NM                           | 730                       |
|           |                      | 1/15/07     | 7.89    | 24.6                | 1059                         | 740                       |
|           |                      | 4/4/07      | 7.58    | 29.5                | 1128                         | 720                       |
|           |                      | 7/19/07     | 7.55    | 30.5                | 1267                         | 730                       |
|           |                      | 7/19/07     | 7.55    | 30.5                | 1267                         | 740                       |
|           |                      | 1/2/08      | 7.68    | 28.2                | 1411                         | 740                       |
|           |                      | 4/25/08     | 8.58    | 27.8                | 872                          | 580                       |
|           |                      | 7/2/08      | 7.90    | 30.8                | 1251                         | 720                       |
|           |                      | 7/2/08 DUP  | 7.90    | 30.8                | 1251                         | 720                       |
|           |                      | 1/5/09      | 7.36    | 25.7                | 1270                         | 680                       |
|           |                      | 4/21/09     | 7.49    | 29.6                | 1034                         | 660                       |
|           |                      | 4/13/10     | 7.57    | 28.4                | 1078                         | 770                       |
|           |                      | 4/13/10 DUP | 7.57    | 28.4                | 1078                         | 780                       |
|           |                      | 4/27/11     | 7.59    | 29.1                | 1755                         | 810                       |
|           |                      | 5/1/12      | 7.56    | 30.6                | 1428                         | 820                       |
|           |                      | 4/4/13      | 7.58    | 29.3                | 1533                         | 880                       |
|           |                      | 4/15/14     | 8.08    | 28.1                | 1203                         | 909                       |
|           |                      | 4/15/14 DUP | 8.08    | 28.1                | 1203                         | 908                       |
|           |                      | 4/7/15      | 8.06    | 28.1                | 1190                         | 970                       |
|           |                      | 9/21/16     | 8.06    | 29.6                | 2674                         | 1160                      |
|           |                      | 5/2/17      | 8.82    | 28.7                | 2480                         | 1130                      |
|           |                      | 5/3/18      | 8.29    | 28.7                | 1959                         | 1080                      |
|           |                      | 5/3/18 DUP  | 8.29    | 28.7                | 1959                         | 1130                      |
|           |                      | 4/18/19     | 8.60    | 28.7                | 1498                         | 1290                      |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| MH-28     | 903648                  | 11/14/06     | NM         | NM                     | NM                                 | 1860                            |
|           |                         | 1/9/07       | 7.22       | 25.8                   | 2690                               | 1920                            |
|           |                         | 4/17/07      | 6.98       | 26.1                   | 1359                               | 1920                            |
|           |                         | 7/16/07      | 6.89       | 27.1                   | 1206                               | 1880                            |
|           |                         | 1/21/08      | 7.39       | 23.9                   | 903                                | 1940                            |
|           |                         | 4/8/08       | 6.99       | 25.5                   | 1852                               | 1900                            |
|           |                         | 7/1/08       | 6.95       | 26.62                  | 3322                               | 1680                            |
|           |                         | 10/6/08      | 6.97       | 26.7                   | 3500                               | 1910                            |
|           |                         | 1/8/09       | 7.05       | 25.7                   | 3600                               | 1910                            |
|           |                         | 4/7/09       | 6.84       | 26.4                   | 6300                               | 1860                            |
|           |                         | 10/13/09     | 6.88       | 25.7                   | 1589                               | 1800                            |
|           |                         | 4/15/10      | 7.11       | 25.1                   | 1399                               | 1900                            |
|           |                         | 10/12/10     | 6.99       | 25.3                   | 3460                               | 1820                            |
|           |                         | 5/17/11      | 6.94       | 25.6                   | 3380                               | 2000                            |
|           |                         | 10/4/11      | 7.12       | 25.8                   | 1390                               | 1800                            |
|           |                         | 5/21/12      | 6.64       | 28.8                   | 3360                               | 1600                            |
|           |                         | 10/9/12      | 6.97       | 26.8                   | 2980                               | 1900                            |
|           |                         | 4/2/13       | 6.95       | 26.9                   | 2930                               | 1867.1                          |
|           |                         | 10/21/13     | 7.78       | 25.3                   | 2916                               | 2020                            |
|           |                         | 4/9/14       | 7.81       | 24.4                   | 3365                               | 2020                            |
|           |                         | 11/4/14      | 7.63       | 24.3                   | 3270                               | 1940                            |
|           |                         | 1/7/15       | 7.54       | 24.9                   | 3385                               | 2020                            |
|           |                         | 4/21/15      | 7.36       | 25.2                   | 1571                               | 1820                            |
|           |                         | 10/8/15      | 7.52       | 25.3                   | 1610                               | 1900                            |
|           |                         | 1/13/16      | 7.72       | 24.2                   | 1491                               | 2130                            |
|           |                         | 4/5/16       | 7.32       | 28.1                   | 1660                               | 1760                            |
|           |                         | 8/16/16      | 7.55       | 26.3                   | 3742                               | 1920                            |
|           |                         | 8/16/16 DUP  | 7.55       | 26.3                   | 3742                               | 1960                            |
|           |                         | 10/26/16     | 7.60       | 27.0                   | 3710                               | 1950                            |
|           |                         | 1/10/17      | 7.64       | 25.3                   | 3483                               | 1890                            |
|           |                         | 4/5/17       | 7.70       | 25.6                   | 3591                               | 1800                            |
|           |                         | 7/6/17       | 7.70       | 25.1                   | 3679                               | 1940                            |
|           |                         | 10/11/17     | 7.70       | 25.7                   | 2920                               | 1960                            |
|           |                         | 4/10/18      | 7.76       | 25.8                   | 2735                               | 1970                            |
|           |                         | 8/7/18       | 7.56       | 26.8                   | 1844                               | 1970                            |
|           |                         | 10/16/18     | 7.53       | 25.1                   | 2213                               | 1680                            |
|           |                         | 10/16/18 DUP | 7.53       | 25.1                   | 2213                               | 1670                            |
|           |                         | 4/2/19       | 7.53       | 25.2                   | 1490                               | 1870                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| MH-29     | 903649                  | 11/14/06     | NM         | NM                     | NM                                 | 1640                            |
|           |                         | 1/9/07       | 7.47       | 25.8                   | 2600                               | 1660                            |
|           |                         | 1/9/07       | 7.47       | 25.8                   | 2600                               | 1650                            |
|           |                         | 4/17/07      | 7.01       | 25.1                   | 1345                               | 1690                            |
|           |                         | 7/16/07      | 6.95       | 27.4                   | 1177                               | 1650                            |
|           |                         | 1/18/08      | 7.17       | 23.5                   | 1045                               | 1710                            |
|           |                         | 4/8/08       | 6.98       | 24.1                   | 1580                               | 1700                            |
|           |                         | 7/1/08       | 6.99       | 25.95                  | 3361                               | 1730                            |
|           |                         | 10/6/08      | 6.95       | 26.9                   | 3300                               | 1740                            |
|           |                         | 1/9/09       | 7.03       | 25.7                   | 9200                               | 1730                            |
|           |                         | 4/7/09       | 6.80       | 26.4                   | 7700                               | 1720                            |
|           |                         | 4/7/09 DUP   | 6.80       | 26.4                   | 7700                               | 1700                            |
|           |                         | 10/13/09     | 6.95       | 25.0                   | 1421                               | 1600                            |
|           |                         | 10/13/09 DUP | 6.95       | 25.0                   | 1421                               | 1700                            |
|           |                         | 4/15/10      | 6.99       | 24.9                   | 1358                               | 1700                            |
|           |                         | 10/12/10     | 7.04       | 23.9                   | 3290                               | 1520                            |
|           |                         | 4/20/11      | 6.98       | 26.0                   | 2950                               | 1790                            |
|           |                         | 4/20/11 DUP  | 6.98       | 26.0                   | 2950                               | 1770                            |
|           |                         | 10/4/11      | 6.91       | 25.3                   | 1765                               | 1600                            |
|           |                         | 5/21/12      | 6.62       | 26.6                   | 3210                               | 1600                            |
|           |                         | 10/9/12      | 6.97       | 26.3                   | 2710                               | 1700                            |
|           |                         | 4/2/13       | 7.06       | 24.9                   | 2750                               | 1707.1                          |
|           |                         | 12/11/13     | 7.31       | 24.3                   | 1645                               | 1770                            |
|           |                         | 4/9/14       | 7.28       | 23.6                   | 3176                               | 1800                            |
|           |                         | 11/4/14      | 7.36       | 23.6                   | 3260                               | 1870                            |
|           |                         | 1/7/15       | 7.36       | 23.7                   | 3310                               | 1790                            |
|           |                         | 1/7/15 DUP   | 7.36       | 7.0                    | 3310                               | 1940                            |
|           |                         | 4/21/15      | 7.54       | 25.6                   | 1368                               | 1700                            |
|           |                         | 3/9/17       | 7.54       | 22.7                   | 3390                               | 1900                            |
|           |                         | 4/5/17       | 7.53       | 23.9                   | 3436                               | 1800                            |
|           |                         | 7/6/17       | 7.56       | 24.3                   | 3530                               | 1870                            |
|           |                         | 7/6/17 DUP   | 7.56       | 24.3                   | 3530                               | 1850                            |
|           |                         | 10/11/17     | 7.43       | 24.5                   | 2843                               | 1880                            |
|           |                         | 10/11/17 DUP | 7.43       | 24.5                   | 2843                               | 1880                            |
|           |                         | 4/10/18      | 7.54       | 24.0                   | 2573                               | 1920                            |
|           |                         | 8/7/18       | 7.45       | 24.3                   | 2118                               | 2020                            |
|           |                         | 10/16/18     | 7.26       | 23.7                   | 1936                               | 1630                            |
|           |                         | 4/2/19       | 7.43       | 23.8                   | 1274                               | 1820                            |
| MH-30     | 903884                  | 11/10/06     | NM         | NM                     | NM                                 | 1690                            |
|           |                         | 1/9/07       | 7.33       | 26.2                   | 2780                               | 1760                            |
|           |                         | 4/9/07       | 7.3        | 27.3                   | 1529                               | 1810                            |
|           |                         | 7/11/07      | 7.18       | 31.9                   | 1694                               | 1820                            |
|           |                         | 1/18/08      | 7.13       | 28.5                   | 1147                               | 1830                            |
|           |                         | 4/8/08       | 7.27       | 27.1                   | 1505                               | 1830                            |
|           |                         | 7/1/08       | 7.02       | 30.73                  | 3740                               | 1660                            |
|           |                         | 10/6/08      | 6.95       | 29.8                   | 3900                               | 1810                            |
|           |                         | 1/7/09       | 7.12       | 28                     | 3600                               | 1840                            |
|           |                         | 4/7/09       | 6.81       | 29.5                   | 3400                               | 1790                            |
|           |                         | 4/7/09 DUP   | 6.81       | 29.5                   | 3400                               | 1800                            |
|           |                         | 4/15/10      | 6.96       | 28.9                   | 1697                               | 1480                            |
|           |                         | 5/17/11      | 6.95       | 27.5                   | 3360                               | 1760                            |
|           |                         | 5/17/11 DUP  | 6.95       | 27.5                   | 3360                               | 1750                            |
|           |                         | 4/26/12      | 7.05       | 28.1                   | 1618                               | 1738                            |
|           |                         | 6/6/13       | 7.26       | 29.5                   | 2630                               | 1760                            |
|           |                         | 6/6/13 DUP   | 7.26       | 29.5                   | 2630                               | 1800                            |
|           |                         | 4/8/14       | 7.20       | 27.7                   | 3242                               | 1720                            |
|           |                         | 4/21/15      | 7.33       | 28.6                   | 1574                               | 1750                            |
|           |                         | 4/5/16       | 7.24       | 28.6                   | 1827                               | 1910                            |
|           |                         | 4/5/16 DUP   | 7.24       | 28.6                   | 1827                               | 1830                            |
|           |                         | 6/1/17       | 7.44       | 29.1                   | 3551                               | 1780                            |
|           |                         | 4/11/18      | 7.37       | 28.8                   | 2843                               | 1860                            |
|           |                         | 4/17/19      | 7.95       | 28.3                   | 1621                               | 1980                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name  | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|------------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| MO-2007-1A | 907342                  | 8/8/07       | 7.17       | 29.0                   | 370                                | 19.2                            |
|            |                         | 1/24/08      | 7.83       | 24.0                   | 370                                | 20                              |
|            |                         | 4/9/08       | 7.42       | 24.1                   | 383                                | 21                              |
|            |                         | 7/14/08      | 7.41       | 27.9                   | 359                                | 16.6                            |
|            |                         | 10/17/08     | 7.46       | 27.7                   | 357                                | 17.9                            |
|            |                         | 1/16/09      | 7.31       | 22.6                   | 365                                | 18.1                            |
|            |                         | 4/1/09       | 7.55       | 26.5                   | 387                                | 18.2                            |
|            |                         | 7/1/09       | 7.64       | 28.5                   | 361                                | 16.3                            |
|            |                         | 10/22/09     | 7.53       | 26.4                   | 360                                | 16.6                            |
|            |                         | 10/22/09 DUP | 7.53       | 26.4                   | 360                                | 16.6                            |
|            |                         | 4/16/10      | 7.52       | 26.7                   | 357                                | 18.5                            |
|            |                         | 10/13/10     | 7.51       | 27.5                   | 372                                | 16                              |
|            |                         | 5/5/11       | 7.51       | 27.4                   | 401                                | 17.9                            |
|            |                         | 10/6/11      | 7.79       | 23.4                   | 371                                | 16.143                          |
|            |                         | 6/12/12      | 7.40       | 27.9                   | 371                                | 16.98                           |
|            |                         | 10/24/12     | 7.69       | 25.1                   | 368                                | 16.5                            |
|            |                         | 4/8/13       | 7.55       | 25.6                   | 363                                | 17.92                           |
|            |                         | 10/23/13     | 7.72       | 26.2                   | 246                                | 16.2                            |
|            |                         | 4/29/14      | 7.73       | 25.6                   | 278                                | 16.2                            |
|            |                         | 11/12/14     | 7.72       | 25.9                   | 303                                | 16.1                            |
|            |                         | 11/12/14 DUP | 7.72       | 25.9                   | 303                                | 16.8                            |
|            |                         | 4/22/15      | 7.76       | 26.7                   | 273                                | 18.5                            |
|            |                         | 10/20/15     | 7.73       | 26.1                   | 394                                | 18.2                            |
|            |                         | 4/7/16       | 7.71       | 25.9                   | 324                                | 18.6                            |
|            |                         | 10/5/16      | 7.86       | 27.2                   | 388                                | 17.2                            |
|            |                         | 3/22/17      | 7.80       | 26.7                   | 384.7                              | 18.2                            |
|            |                         | 6/6/17       | 7.75       | 27.4                   | 393                                | 18.6                            |
|            |                         | 10/5/17      | 7.87       | 26.9                   | 363                                | 17.0                            |
|            |                         | 10/5/17 DUP  | 7.87       | 26.9                   | 363                                | 16.6                            |
|            |                         | 4/12/18      | 8.17       | 26.8                   | 307                                | 17.2                            |
|            |                         | 4/12/18 DUP  | 8.17       | 26.8                   | 307                                | 17.0                            |
|            |                         | 11/19/18     | 7.72       | 27.1                   | 302                                | 18.9                            |
|            |                         | 4/8/19       | 7.82       | 26.6                   | 253                                | 19.2                            |
|            |                         | 4/8/19 DUP   | 7.82       | 26.6                   | 253                                | 18.9                            |
| MO-2007-1B | 907210                  | 8/2/07       | 7.41       | 30.7                   | 321                                | 18.9                            |
|            |                         | 1/24/08      | 7.78       | 26.9                   | 375                                | 30                              |
|            |                         | 4/9/08       | 7.70       | 23.1                   | 400                                | 35                              |
|            |                         | 7/14/08      | 7.68       | 26.6                   | 402                                | 39.8                            |
|            |                         | 10/17/08     | 7.56       | 28.1                   | 423                                | 54.3                            |
|            |                         | 1/16/09      | 7.49       | 28.2                   | 427                                | 69.7                            |
|            |                         | 4/1/09       | 7.78       | 26.4                   | 511                                | 84.1                            |
|            |                         | 7/1/09       | 7.57       | 30.1                   | 527                                | 99                              |
|            |                         | 10/22/09     | 7.63       | 28.5                   | 600                                | 143                             |
|            |                         | 4/16/10      | 7.59       | 26.9                   | 663                                | 212                             |
|            |                         | 10/13/10     | 7.46       | 28.7                   | 1026                               | 337                             |
|            |                         | 10/13/10 DUP | 7.46       | 28.7                   | 1026                               | 360                             |
|            |                         | 5/5/11       | 7.42       | 28.6                   | 1214                               | 479                             |
|            |                         | 10/6/11      | 7.84       | 24.8                   | 1178                               | 604.67                          |
|            |                         | 10/6/11 DUP  | 7.84       | 24.8                   | 1178                               | 614.84                          |
|            |                         | 6/12/12      | 6.99       | 29.0                   | 1664                               | 766.0                           |
|            |                         | 10/24/12     | 7.56       | 26.2                   | 1460                               | 975.8                           |
|            |                         | 4/8/13       | 7.57       | 26.5                   | 1577                               | 873.7                           |
|            |                         | 10/23/13     | 8.51       | 26.3                   | 971                                | 806                             |
|            |                         | 4/29/14      | 8.86       | 26.3                   | 1522                               | 1070                            |
|            |                         | 11/12/14     | 8.81       | 26.2                   | 1409                               | 885                             |
|            |                         | 4/22/15      | 8.88       | 26.9                   | 1136                               | 987                             |
|            |                         | 4/22/15 DUP  | 8.88       | 26.9                   | 1136                               | 1000                            |
|            |                         | 10/20/15     | 8.91       | 26.8                   | 1320                               | 990                             |
|            |                         | 10/5/16      | 8.88       | 27.5                   | 2067                               | 948                             |
|            |                         | 3/22/17      | 8.20       | 27.8                   | 2264                               | 985                             |
|            |                         | 6/6/17       | 8.50       | 27.6                   | 1906                               | 886                             |
|            |                         | 10/5/17      | 8.32       | 27.5                   | 1932                               | 950                             |
|            |                         | 4/12/18      | 8.28       | 27.3                   | 1306                               | 713                             |
|            |                         | 11/19/18     | 8.18       | 28.2                   | 1021                               | 670                             |
|            |                         | 4/8/19       | 7.72       | 27.7                   | 651                                | 509                             |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name  | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|------------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| MO-2007-1C | 907209                  | 7/31/07      | 7.35       | 27.9                   | 523                                | 112                             |
|            |                         | 1/24/08      | 7.84       | 26.9                   | 520                                | 140                             |
|            |                         | 4/9/08       | 7.57       | 27.3                   | 596                                | 149                             |
|            |                         | 4/9/08 DUP   | 7.57       | 27.3                   | 596                                | 153                             |
|            |                         | 7/14/08      | 7.64       | 31.4                   | 608                                | 165                             |
|            |                         | 10/21/08     | 7.80       | 29.8                   | 573                                | 146                             |
|            |                         | 1/16/09      | 7.17       | 27.5                   | 652                                | 233                             |
|            |                         | 1/16/09 DUP  | 7.17       | 27.5                   | 652                                | 218                             |
|            |                         | 4/1/09       | 7.66       | 27.1                   | 700                                | 229                             |
|            |                         | 7/1/09       | 7.33       | 30.8                   | 367                                | 236                             |
|            |                         | 7/1/09 DUP   | 7.33       | 30.8                   | 367                                | 227                             |
|            |                         | 10/22/09     | 7.66       | 28.1                   | 356                                | 301                             |
|            |                         | 4/16/10      | 7.66       | 28.5                   | 730                                | 320                             |
|            |                         | 10/13/10     | 7.72       | 29.1                   | 1004                               | 377                             |
|            |                         | 4/20/11      | 7.28       | 29.2                   | 1009                               | 381                             |
|            |                         | 10/6/11      | 8.10       | 25.9                   | 942                                | 393.94                          |
|            |                         | 6/12/12      | 7.05       | 29.5                   | 1085                               | 406.4                           |
|            |                         | 10/24/12     | 8.40       | 26.5                   | 694                                | 239.2                           |
|            |                         | 10/24/12 DUP | 8.40       | 26.5                   | 694                                | 235.26                          |
|            |                         | 4/8/13       | 7.88       | 26.4                   | 1017                               | 416.3                           |
|            |                         | 10/23/13     | 8.47       | 27.9                   | 463                                | 132                             |
|            |                         | 4/29/14      | 8.49       | 26.8                   | 610                                | 240                             |
|            |                         | 4/29/14 DUP  | 8.49       | 26.8                   | 610                                | 247                             |
|            |                         | 11/12/14     | 9.18       | 27.1                   | 284                                | 92.7                            |
|            |                         | 4/22/15      | 8.89       | 26.3                   | 229                                | 42.4                            |
|            |                         | 10/20/15     | 9.88       | 27.0                   | 319                                | 5.75                            |
|            |                         | 3/22/17      | 9.65       | 28.4                   | 271.0                              | 318                             |
|            |                         | 6/6/17       | 8.47       | 27.6                   | 811                                | 288                             |
|            |                         | 10/5/17      | 8.27       | 28.3                   | 419                                | 152                             |
|            |                         | 4/12/18      | 8.20       | 27.5                   | 249                                | 29.6                            |
|            |                         | 11/19/18     | 8.47       | 28.5                   | 647                                | 317                             |
|            |                         | 4/8/19       | 8.16       | 28.2                   | 294                                | 89.8                            |
| MO-2007-2  | 906765                  | 6/14/07      | 7.05       | 32.2                   | 1372                               | 591                             |
|            |                         | 8/9/07       | 7.11       | 32.2                   | 1271                               | 520                             |
|            |                         | 1/22/08      | 7.48       | 30.9                   | 757                                | 530                             |
|            |                         | 4/17/08      | 7.32       | 29.8                   | 818                                | 473                             |
|            |                         | 7/14/08      | 7.11       | 31.3                   | 987                                | 472                             |
|            |                         | 7/14/08 DUP  | 7.11       | 31.3                   | 987                                | 446                             |
|            |                         | 1/16/09      | 7.27       | 30.6                   | 1200                               | 456                             |
|            |                         | 4/1/09       | 7.34       | 28.5                   | 922                                | 458                             |
|            |                         | 4/13/10      | 7.17       | 30.3                   | 855                                | 439                             |
|            |                         | 4/13/10 DUP  | 7.17       | 30.3                   | 855                                | 450                             |
|            |                         | 4/27/11      | 7.27       | 28.7                   | 1249                               | 507                             |
|            |                         | 4/27/11 DUP  | 7.27       | 28.7                   | 1249                               | 503                             |
|            |                         | 5/2/12       | 7.30       | 31.8                   | 1245                               | 543.50                          |
|            |                         | 4/8/13       | 7.34       | 30.1                   | 1164                               | 455.7                           |
|            |                         | 4/9/14       | 8.12       | 30.0                   | 608                                | 254                             |
|            |                         | 4/9/14 DUP   | 8.12       | 30.0                   | 608                                | 248                             |
|            |                         | 4/7/15       | 7.56       | 28.1                   | 510                                | 255                             |
|            |                         | 4/20/17      | 8.50       | 30.6                   | 748                                | 245                             |
|            |                         | 4/19/18      | 7.92       | 27.3                   | 973                                | 371                             |
|            |                         | 4/24/19      | 7.98       | 27.8                   | 897                                | 460                             |
|            |                         | 4/24/19 DUP  | 7.98       | 27.8                   | 897                                | 459                             |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name  | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|------------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| MO-2007-3B | 906816                  | 1/21/08      | 7.94       | 26.5                   | 353                                | 40                              |
|            |                         | 4/16/08      | 7.77       | 28.2                   | 322                                | 37                              |
|            |                         | 7/14/08      | 7.70       | 30.2                   | 338                                | 37.8                            |
|            |                         | 10/22/08     | 7.69       | 28.1                   | 379                                | 42.4                            |
|            |                         | 10/22/08 DUP | 7.69       | 28.1                   | 379                                | 41.6                            |
|            |                         | 1/19/09      | 7.82       | 28.1                   | 342                                | 36.9                            |
|            |                         | 1/19/09 DUP  | 7.82       | 28.1                   | 342                                | 36.4                            |
|            |                         | 4/1/09       | 7.89       | 25.7                   | 376                                | 38.2                            |
|            |                         | 7/27/09      | 7.78       | 28.2                   | 353                                | 37.2                            |
|            |                         | 10/22/09     | 7.76       | 28.0                   | 354                                | 39.1                            |
|            |                         | 1/20/10      | 7.97       | 27.6                   | 328                                | 37.9                            |
|            |                         | 4/14/10      | 7.83       | 28.6                   | 336                                | 40.4                            |
|            |                         | 7/21/10      | 7.86       | 27.7                   | 372                                | 38.7                            |
|            |                         | 10/26/10     | 7.78       | 26.6                   | 361                                | 39.1                            |
|            |                         | 1/18/11      | 7.83       | 27.3                   | 353                                | 38.2                            |
|            |                         | 5/4/11       | 7.81       | 29.3                   | 359                                | 38.1                            |
|            |                         | 7/6/11       | 7.75       | 30.2                   | 362                                | 38.3                            |
|            |                         | 10/5/11      | 8.04       | 25.7                   | 395                                | 37.822                          |
|            |                         | 11/22/11     | 8.00       | 26.1                   | 286                                | 36.7                            |
|            |                         | 1/11/12      | 7.55       | 27.0                   | 211                                | 39.0                            |
|            |                         | 5/8/12       | 7.88       | 30.8                   | 329                                | 37.64                           |
|            |                         | 8/7/12       | 7.88       | 29.1                   | 419                                | 36.26                           |
|            |                         | 10/10/12     | 7.94       | 28.1                   | 390                                | 37.01                           |
|            |                         | 1/8/13       | 8.10       | 27.0                   | 374                                | 33.77                           |
|            |                         | 4/9/13       | 8.01       | 25.5                   | 329                                | 37.54                           |
|            |                         | 5/21/13      | 8.17       | 26.9                   | 284                                | 26.96                           |
|            |                         | 8/27/13      | 8.59       | 27.8                   | 204                                | 3.47                            |
|            |                         | 8/27/13 DUP  | 8.59       | 27.8                   | 204                                | 4.13                            |
|            |                         | 10/24/13     | 8.03       | 26.1                   | 279                                | 33.8                            |
|            |                         | 10/24/13 DUP | 8.03       | 26.1                   | 279                                | 33.9                            |
|            |                         | 1/7/14       | 8.11       | 24.6                   | 230                                | 2.16                            |
|            |                         | 4/16/14      | 8.91       | 25.0                   | 153                                | <0.5                            |
|            |                         | 7/9/14       | 8.98       | 26.1                   | 155                                | <0.5                            |
|            |                         | 11/13/14     | 9.40       | 25.7                   | 167                                | <0.5                            |
|            |                         | 1/21/15      | 9.07       | 25.7                   | 259                                | <0.5                            |
|            |                         | 4/27/15      | 8.58       | 26.3                   | 278                                | <0.5                            |
|            |                         | 7/7/15       | 8.46       | 26.6                   | 274                                | 1.37                            |
|            |                         | 10/21/15     | 9.10       | 25.8                   | 207                                | <0.5                            |
|            |                         | 1/4/16       | 8.92       | 24.6                   | 242                                | 8.41                            |
|            |                         | 4/11/16      | 8.25       | 26.6                   | 436                                | 11.5                            |
|            |                         | 7/6/16       | 8.19       | 26.6                   | 290                                | 3.74                            |
|            |                         | 8/24/16      | 9.14       | 26.4                   | 233                                | <0.5                            |
|            |                         | 10/5/16      | 8.38       | 27.3                   | 422                                | 34.9                            |
|            |                         | 10/5/16 DUP  | 8.38       | 27.3                   | 422                                | 34.3                            |
|            |                         | 1/10/17      | 8.88       | 26.0                   | 229                                | <0.5                            |
|            |                         | 1/10/17 DUP  | 8.88       | 26.0                   | 229                                | <0.5                            |
|            |                         | 5/3/17       | 8.82       | 26.7                   | 260.0                              | <0.5                            |
|            |                         | 7/12/17      | 8.99       | 27.0                   | 221                                | <0.5                            |
|            |                         | 10/9/17      | 8.25       | 27.9                   | 472                                | 37.5                            |
|            |                         | 1/10/18      | 8.29       | 25.5                   | 243                                | <0.4                            |
|            |                         | 4/17/18      | 8.45       | 27.9                   | 397                                | 39.1                            |
|            |                         | 8/8/18       | 8.07       | 28.2                   | 346                                | 39.0                            |
|            |                         | 11/28/18     | 8.17       | 26.5                   | 238                                | 4.79                            |
|            |                         | 2/18/19      | 8.50       | 26.4                   | 347                                | 39.1                            |
|            |                         | 4/9/19       | 8.41       | 27.4                   | 292                                | 24.9                            |
|            |                         | 7/17/19      | 8.59       | 28.2                   | 279                                | <5.00                           |



**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name  | ADWR 55<br>Registry No. | Sample Date | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|------------|-------------------------|-------------|------------|------------------------|------------------------------------|---------------------------------|
| MO-2007-3C | 906817                  | 6/28/07     | 7.93       | 32.2                   | 570                                | 136                             |
|            |                         | 1/21/08     | 8.21       | 27.6                   | 507                                | 130                             |
|            |                         | 4/15/08     | 7.87       | 30.1                   | 477                                | 127                             |
|            |                         | 7/17/08     | 7.98       | 32.7                   | 493                                | 126                             |
|            |                         | 10/21/08    | 8.07       | 32.9                   | 519                                | 103                             |
|            |                         | 1/19/09     | 8.00       | 30.7                   | 490                                | 113                             |
|            |                         | 4/1/09      | 8.09       | 28.3                   | 541                                | 115                             |
|            |                         | 7/22/09     | 8.07       | 31.4                   | 510                                | 107                             |
|            |                         | 10/22/09    | 8.01       | 29.8                   | 488                                | 108                             |
|            |                         | 1/20/10     | 8.20       | 26.2                   | 469                                | 103                             |
|            |                         | 4/14/10     | 8.07       | 30.9                   | 465                                | 110                             |
|            |                         | 7/21/10     | 8.05       | 30.4                   | 511                                | 101                             |
|            |                         | 10/26/10    | 7.92       | 29.5                   | 471                                | 104                             |
|            |                         | 1/18/11     | 8.06       | 29.1                   | 492                                | 106                             |
|            |                         | 5/4/11      | 8.11       | 30.4                   | 504                                | 107                             |
|            |                         | 7/6/11      | 8.02       | 32.5                   | 248                                | 101                             |
|            |                         | 10/5/11     | 8.28       | 29.3                   | 524                                | 96.818                          |
|            |                         | 1/11/12     | 7.92       | 29.4                   | 283                                | 104.03                          |
|            |                         | 5/7/12      | 8.10       | 30.3                   | 440                                | 95.99                           |
|            |                         | 8/7/12      | 7.93       | 30.7                   | 553                                | 93.25                           |
|            |                         | 10/10/12    | 8.04       | 29.4                   | 487                                | 99.13                           |
|            |                         | 1/8/13      | 8.09       | 26.5                   | 431                                | 62.35                           |
|            |                         | 1/8/13 DUP  | 8.09       | 26.5                   | 431                                | 62.62                           |
|            |                         | 4/9/13      | 8.35       | 28.2                   | 432                                | 89.78                           |
|            |                         | 8/27/13     | 8.81       | 29.6                   | 324                                | 47.00                           |
|            |                         | 10/24/13    | 8.43       | 27.4                   | 313                                | 79.0                            |
|            |                         | 1/7/14      | 8.64       | 25.1                   | 312                                | 56.9                            |
|            |                         | 4/16/14     | 9.38       | 26.4                   | 259                                | 35.6                            |
|            |                         | 7/9/14      | 8.73       | 26.5                   | 418                                | 32.1                            |
|            |                         | 11/13/14    | 9.33       | 26.6                   | 277                                | 20.2                            |
|            |                         | 1/21/15     | 9.12       | 27.6                   | 446                                | 68.5                            |
|            |                         | 1/21/15 DUP | 9.12       | 27.6                   | 446                                | 70.3                            |
|            |                         | 4/27/15     | 8.40       | 26.7                   | 282                                | 40.1                            |
|            |                         | 7/7/15      | 7.60       | 27.7                   | 315                                | 35.2                            |
|            |                         | 10/21/15    | 9.42       | 26.0                   | 360                                | 27.9                            |
|            |                         | 1/4/16      | 9.28       | 25.6                   | 387                                | 30.3                            |
|            |                         | 4/11/16     | 8.23       | 26.5                   | 354                                | 28.1                            |
|            |                         | 7/6/16      | 7.69       | 27.5                   | 359                                | 21.8                            |
|            |                         | 8/24/16     | 9.89       | 26.1                   | 422                                | 18.7                            |
|            |                         | 10/5/16     | 9.79       | 27.5                   | 428                                | 28.4                            |
|            |                         | 1/10/17     | 9.90       | 25.6                   | 384                                | 28.6                            |
|            |                         | 5/3/17      | 9.07       | 27.4                   | 359.8                              | 30.0                            |
|            |                         | 7/12/17     | 9.03       | 29.4                   | 447                                | 49.9                            |
|            |                         | 10/9/17     | 9.14       | 26.2                   | 467                                | 45.1                            |
|            |                         | 1/11/18     | 9.35       | 25.2                   | 390                                | 27.2                            |
|            |                         | 4/17/18     | 8.97       | 27.4                   | 353                                | 36.5                            |
|            |                         | 8/8/18      | 8.74       | 26.4                   | 364                                | 39.3                            |
|            |                         | 11/26/18    | 8.83       | 26.3                   | 352                                | 28.7                            |
|            |                         | 2/18/19     | 8.71       | 24.3                   | 322                                | 39.4                            |
|            |                         | 4/9/19      | 9.17       | 26.3                   | 377                                | 28.1                            |
|            |                         | 7/17/19     | 8.61       | 26.4                   | 240                                | 37.5                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name  | ADWR 55<br>Registry No. | Sample Date | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|------------|-------------------------|-------------|------------|------------------------|------------------------------------|---------------------------------|
| MO-2007-4A | 907213                  | 1/22/08     | 7.82       | 25.0                   | 405                                | 40                              |
|            |                         | 4/16/08     | 7.65       | 25.8                   | 372                                | 33.1                            |
|            |                         | 7/18/08     | 7.44       | 27.4                   | 416                                | 35.3                            |
|            |                         | 10/22/08    | 7.58       | 26.9                   | 420                                | 40.1                            |
|            |                         | 1/19/09     | 7.52       | 28                     | 392                                | 35.9                            |
|            |                         | 4/2/09      | 7.85       | 26.8                   | 393                                | 36.7                            |
|            |                         | 4/2/09 DUP  | 7.85       | 26.8                   | 393                                | 36.5                            |
|            |                         | 7/1/09      | 7.55       | 26.4                   | 395                                | 36.3                            |
|            |                         | 10/26/09    | 7.64       | 27.2                   | 378                                | 35.7                            |
|            |                         | 1/26/10     | 7.66       | 25.7                   | 356                                | 36.0                            |
|            |                         | 4/14/10     | 7.63       | 25.2                   | 379                                | 37.0                            |
|            |                         | 7/21/10     | 7.54       | 26.9                   | 420                                | 34.9                            |
|            |                         | 10/13/10    | 7.55       | 26.1                   | 414                                | 35.2                            |
|            |                         | 1/19/11     | 7.61       | 25.8                   | 403                                | 35.8                            |
|            |                         | 5/4/11      | 7.57       | 26.5                   | 411                                | 35.9                            |
|            |                         | 7/6/11      | 7.47       | 27.4                   | 417                                | 35.3                            |
|            |                         | 10/5/11     | 7.82       | 24.1                   | 435                                | 34.47                           |
|            |                         | 1/17/12     | 7.54       | 24.5                   | 274                                | 37.55                           |
|            |                         | 5/7/12      | 7.49       | 24.7                   | 381                                | 35.62                           |
|            |                         | 8/13/12     | 7.53       | 26.5                   | 378                                | 35.33                           |
|            |                         | 10/23/12    | 7.48       | 27.2                   | 380                                | 94.87                           |
|            |                         | 2/21/13     | 7.53       | 28.6                   | 337                                | 33.48                           |
|            |                         | 4/10/13     | 7.82       | 26.0                   | 319                                | 34.69                           |
|            |                         | 7/10/13     | 7.68       | 25.3                   | 347                                | 36.60                           |
|            |                         | 10/22/13    | 7.81       | 23.5                   | 282                                | 35.0                            |
|            |                         | 1/10/14     | 7.73       | 23.7                   | 281                                | 35.4                            |
|            |                         | 4/8/14      | 7.65       | 24.6                   | 353                                | 34.9                            |
|            |                         | 7/8/14      | 7.52       | 24.8                   | 465                                | 34.6                            |
|            |                         | 11/12/14    | 7.71       | 24.6                   | 404                                | 34.3                            |
|            |                         | 1/14/15     | 7.71       | 24.8                   | 404                                | 34.4                            |
|            |                         | 4/15/15     | 7.59       | 25.3                   | 374                                | 39.7                            |
|            |                         | 4/15/15 DUP | 7.59       | 25.3                   | 374                                | 39.1                            |
|            |                         | 7/8/15      | 7.28       | 25.5                   | 470                                | 40.2                            |
|            |                         | 7/8/15 DUP  | 7.28       | 25.5                   | 470                                | 40.1                            |
|            |                         | 10/22/15    | 7.72       | 25.2                   | 410                                | 39.3                            |
|            |                         | 1/4/16      | 7.21       | 24.6                   | 488                                | 35.5                            |
|            |                         | 4/7/16      | 7.30       | 24.7                   | 438                                | 41.1                            |
|            |                         | 7/5/16      | 7.42       | 25.7                   | 489                                | 41.7                            |
|            |                         | 8/24/16     | 7.74       | 25.3                   | 497                                | 41.5                            |
|            |                         | 8/24/16 DUP | 7.74       | 25.3                   | 497                                | 42.1                            |
|            |                         | 10/25/16    | 7.75       | 25.2                   | 453                                | 39.2                            |
|            |                         | 1/12/17     | 7.90       | 24.3                   | 438                                | 38.8                            |
|            |                         | 1/12/17 DUP | 7.90       | 24.3                   | 438                                | 38.8                            |
|            |                         | 5/3/17      | 7.91       | 25.1                   | 464                                | 38.5                            |
|            |                         | 7/13/17     | 7.81       | 25.7                   | 438                                | 33.8                            |
|            |                         | 7/13/17 DUP | 7.81       | 25.7                   | 438                                | 33.7                            |
|            |                         | 10/10/17    | 7.89       | 25.5                   | 418                                | 34.7                            |
|            |                         | 1/15/18     | 7.93       | 25.1                   | 350                                | 32.8                            |
|            |                         | 4/16/18     | 8.00       | 25.0                   | 374                                | 35.3                            |
|            |                         | 8/9/18      | 7.87       | 25.5                   | 388                                | 35.2                            |
|            |                         | 12/3/18     | 7.73       | 25.6                   | 318                                | 37.4                            |
|            |                         | 2/14/19     | 7.87       | 24.7                   | 294                                | 38.6                            |
|            |                         | 4/11/19     | 7.84       | 24.9                   | 311                                | 36.5                            |
|            |                         | 7/18/19     | 7.94       | 25.6                   | 197                                | 35.5                            |
|            |                         | 7/18/19 DUP | 7.94       | 25.6                   | 197                                | 35.8                            |
|            |                         | 9/9/19      | 7.70       | 26.0                   | 472                                | 35.9                            |
|            |                         | 9/9/19 DUP  | 7.70       | 26.0                   | 472                                | 35.9                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name  | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|------------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| MO-2007-4B | 907212                  | 1/7/08       | 7.69       | 25.5                   | 445                                | NA                              |
|            |                         | 4/16/08      | 7.66       | 26.9                   | 343                                | 33.6                            |
|            |                         | 7/18/08      | 7.57       | 29.2                   | 391                                | 34.8                            |
|            |                         | 7/18/08 DUP  | 7.57       | 29.2                   | 391                                | 35.1                            |
|            |                         | 10/22/08     | 7.73       | 30.8                   | 407                                | 34.7                            |
|            |                         | 1/21/09      | 7.71       | 27.3                   | 377                                | 32.9                            |
|            |                         | 4/2/09       | 7.93       | 28.3                   | 363                                | 34.6                            |
|            |                         | 7/1/09       | 7.64       | 27.8                   | 370                                | 34.7                            |
|            |                         | 10/26/09     | 7.68       | 28.7                   | 348                                | 34.5                            |
|            |                         | 1/26/10      | 7.74       | 23.7                   | 332                                | 34.1                            |
|            |                         | 4/14/10      | 7.76       | 25.1                   | 342                                | 35.1                            |
|            |                         | 7/21/10      | 7.71       | 30.2                   | 379                                | 34                              |
|            |                         | 7/21/10 DUP  | 7.71       | 30.2                   | 379                                | 34.9                            |
|            |                         | 10/13/10     | 7.69       | 28.1                   | 378                                | 34.2                            |
|            |                         | 1/19/11      | 7.73       | 26.9                   | 367                                | 34.6                            |
|            |                         | 1/19/11 DUP  | 7.73       | 26.9                   | 367                                | 34.4                            |
|            |                         | 5/4/11       | 7.72       | 28.1                   | 379                                | 34.5                            |
|            |                         | 7/6/11       | 7.73       | 28.0                   | 381                                | 34.4                            |
|            |                         | 10/5/11      | 8.01       | 27.6                   | 401                                | 34.194                          |
|            |                         | 10/5/11 DUP  | 8.01       | 27.6                   | 401                                | 33.36                           |
|            |                         | 1/17/12      | 7.81       | 26.7                   | 259                                | 33.14                           |
|            |                         | 5/7/12       | 7.83       | 29.0                   | 342                                | 34.25                           |
|            |                         | 8/13/12      | 7.75       | 28.2                   | 353                                | 34.02                           |
|            |                         | 10/23/12     | 7.72       | 27.9                   | 364                                | 34.37                           |
|            |                         | 2/21/13      | 7.75       | 25.7                   | 299                                | 32.01                           |
|            |                         | 4/10/13      | 8.06       | 24.7                   | 312                                | 33.31                           |
|            |                         | 7/10/13      | 8.48       | 25.9                   | 200                                | 4.51                            |
|            |                         | 10/22/13     | 8.86       | 24.4                   | 142                                | <0.5                            |
|            |                         | 1/10/14      | 8.83       | 23.6                   | 185                                | <0.5                            |
|            |                         | 4/8/14       | 8.90       | 24.6                   | 165                                | <0.5                            |
|            |                         | 7/8/14       | 8.75       | 25.3                   | 220                                | <0.5                            |
|            |                         | 11/12/14     | 8.72       | 25.7                   | 405                                | 29.1                            |
|            |                         | 1/14/15      | 8.30       | 25.8                   | 256                                | 16.8                            |
|            |                         | 4/15/15      | 7.88       | 26.6                   | 337                                | 35.1                            |
|            |                         | 7/8/15       | 7.64       | 25.9                   | 297                                | 16.6                            |
|            |                         | 10/22/15     | 7.87       | 25.7                   | 266                                | 0.85                            |
|            |                         | 1/4/16       | 8.13       | 25.0                   | 259                                | <0.5                            |
|            |                         | 1/4/16 DUP   | 8.13       | 25.0                   | 259                                | <0.5                            |
|            |                         | 4/7/16       | 8.25       | 25.8                   | 241                                | 1.10                            |
|            |                         | 7/5/16       | 7.69       | 26.0                   | 380                                | 8.73                            |
|            |                         | 8/24/16      | 8.80       | 25.8                   | 244                                | 3.06                            |
|            |                         | 10/25/16     | 8.75       | 26.0                   | 221.8                              | <0.5                            |
|            |                         | 10/25/16 DUP | 8.75       | 26.0                   | 221.8                              | <0.5                            |
|            |                         | 1/12/17      | 8.49       | 24.2                   | 237                                | 3.35                            |
|            |                         | 5/3/17       | 8.52       | 25.4                   | 290.0                              | 5.02                            |
|            |                         | 7/13/17      | 8.86       | 25.7                   | 221                                | <0.5                            |
|            |                         | 10/10/17     | 8.97       | 26.3                   | 289                                | <0.4                            |
|            |                         | 1/15/18      | 8.39       | 26.4                   | 370                                | 37.2                            |
|            |                         | 4/16/18      | 8.10       | 25.9                   | 242                                | 18.6                            |
|            |                         | 8/9/18       | 8.48       | 26.5                   | 203                                | 7.9                             |
|            |                         | 12/3/18      | 8.02       | 27.3                   | 337                                | 44.9                            |
|            |                         | 2/14/19      | 8.15       | 26.0                   | 244                                | 31.4                            |
|            |                         | 4/11/19      | 8.14       | 26.5                   | 330                                | 44.5                            |
|            |                         | 7/18/19      | 8.44       | 26.9                   | 211                                | 36.3                            |
|            |                         | 9/9/19       | 7.95       | 27.9                   | 452                                | 46.2                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name  | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|------------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| MO-2007-4C | 907211                  | 8/16/07      | 7.62       | 35.2                   | 472                                | 78.7                            |
|            |                         | 1/22/08      | 8.33       | 27.3                   | 465                                | 80                              |
|            |                         | 4/16/08      | 8.19       | 29.9                   | 420                                | 80                              |
|            |                         | 7/18/08      | 8.27       | 31.9                   | 467                                | 78.6                            |
|            |                         | 10/22/08     | 8.45       | 31.8                   | 467                                | 85.9                            |
|            |                         | 1/21/09      | 8.84       | 29.1                   | 467                                | 78.5                            |
|            |                         | 4/2/09       | 8.48       | 30.3                   | 444                                | 81                              |
|            |                         | 7/1/09       | 8.25       | 31.1                   | 446                                | 82.7                            |
|            |                         | 10/26/09     | 8.22       | 30.5                   | 427                                | 83.9                            |
|            |                         | 10/26/09 DUP | 8.22       | 30.5                   | 427                                | 83.8                            |
|            |                         | 1/26/10      | 8.40       | 30.0                   | 409                                | 83.2                            |
|            |                         | 4/14/10      | 8.11       | 27.6                   | 423                                | 87.7                            |
|            |                         | 7/21/10      | 8.23       | 32.4                   | 467                                | 85.6                            |
|            |                         | 10/13/10     | 8.19       | 31.1                   | 462                                | 86.5                            |
|            |                         | 1/19/11      | 8.21       | 28.9                   | 447                                | 87.6                            |
|            |                         | 5/4/11       | 8.27       | 30.1                   | 468                                | 88.1                            |
|            |                         | 7/6/11       | 8.17       | 30.8                   | 468                                | 85                              |
|            |                         | 10/5/11      | 8.43       | 30.0                   | 505                                | 89.355                          |
|            |                         | 1/12/12      | 8.52       | 29.5                   | 329                                | 92.92                           |
|            |                         | 5/7/12       | 8.32       | 30.6                   | 439                                | 91.70                           |
|            |                         | 8/13/12      | 8.31       | 28.8                   | 451                                | 91.22                           |
|            |                         | 8/13/12 DUP  | 8.31       | 28.8                   | 451                                | 91.48                           |
|            |                         | 10/23/12     | 8.86       | 28.5                   | 436                                | 94.65                           |
|            |                         | 2/21/13      | 7.97       | 28.4                   | 384                                | 90.93                           |
|            |                         | 4/10/13      | 8.46       | 29.3                   | 362                                | 93.24                           |
|            |                         | 7/10/13      | 8.59       | 26.6                   | 344                                | 66.70                           |
|            |                         | 10/22/13     | 9.51       | 25.6                   | 292                                | 63.1                            |
|            |                         | 1/10/14      | 9.64       | 24.2                   | 310                                | 63.4                            |
|            |                         | 4/8/14       | 9.52       | 26.2                   | 344                                | 61.8                            |
|            |                         | 7/8/14       | 9.60       | 26.4                   | 446                                | 55.4                            |
|            |                         | 11/12/14     | 9.36       | 25.8                   | 357                                | 52.9                            |
|            |                         | 1/14/15      | 9.79       | 26.3                   | 448                                | 65.0                            |
|            |                         | 4/15/15      | 8.15       | 27.9                   | 388                                | 77.3                            |
|            |                         | 7/8/15       | 8.10       | 26.6                   | 439                                | 64.3                            |
|            |                         | 10/22/15     | 9.64       | 26.2                   | 446                                | 56.1                            |
|            |                         | 1/4/16       | 9.20       | 24.6                   | 479                                | 59.9                            |
|            |                         | 4/7/16       | 8.97       | 25.9                   | 433                                | 58.4                            |
|            |                         | 7/5/16       | 7.92       | 26.7                   | 489                                | 54.3                            |
|            |                         | 8/24/16      | 9.83       | 26.0                   | 462                                | 53.7                            |
|            |                         | 10/25/16     | 9.71       | 27.2                   | 512                                | 62.3                            |
|            |                         | 1/12/17      | 9.18       | 25.6                   | 496                                | 55.6                            |
|            |                         | 5/3/17       | 9.17       | 26.2                   | 515                                | 52.3                            |
|            |                         | 7/13/17      | 9.15       | 26.4                   | 511                                | 53.0                            |
|            |                         | 10/10/17     | 8.55       | 25.9                   | 566                                | 50.6                            |
|            |                         | 1/15/18      | 9.16       | 25.5                   | 486                                | 48.5                            |
|            |                         | 1/15/18 DUP  | 9.16       | 25.5                   | 486                                | 48.3                            |
|            |                         | 4/16/18      | 8.08       | 26.2                   | 425                                | 48.8                            |
|            |                         | 8/9/18       | 8.89       | 27.5                   | 412                                | 56.4                            |
|            |                         | 12/3/18      | 8.36       | 28.8                   | 474                                | 91.1                            |
|            |                         | 2/14/19      | 8.53       | 28.6                   | 331                                | 83.3                            |
|            |                         | 4/11/19      | 9.03       | 27.1                   | 362                                | 66.8                            |
|            |                         | 7/18/19      | 8.58       | 27.7                   | 258                                | 63.2                            |
|            |                         | 9/9/19       | 8.55       | 30.6                   | 529                                | 86.5                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name  | ADWR 55<br>Registry No. | Sample Date | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|------------|-------------------------|-------------|------------|------------------------|------------------------------------|---------------------------------|
| MO-2007-5B | 907456                  | 1/7/08      | 7.96       | 26.7                   | 1138                               | NA                              |
|            |                         | 4/17/08     | 7.94       | 27.7                   | 877                                | 390                             |
|            |                         | 7/24/08     | 7.86       | 31.1                   | 1040                               | 343                             |
|            |                         | 10/23/08    | 7.87       | 26.8                   | 1086                               | 412                             |
|            |                         | 1/21/09     | 7.92       | 29.4                   | 1049                               | 400                             |
|            |                         | 4/2/09      | 8.15       | 30.6                   | 958                                | 366                             |
|            |                         | 1/25/10     | 7.98       | 28.8                   | 1010                               | 462                             |
|            |                         | 4/27/10     | 7.90       | 29.3                   | 987                                | 427                             |
|            |                         | 12/10/10    | 7.92       | 27.1                   | 1215                               | 454                             |
|            |                         | 6/24/11     | 7.98       | 31.0                   | 1199                               | 513                             |
|            |                         | 11/21/11    | 7.98       | 27.2                   | 1249                               | 494.3                           |
|            |                         | 6/20/12     | 7.62       | 30.0                   | 1465                               | 519.3                           |
|            |                         | 11/6/12     | 7.53       | 26.6                   | 1420                               | 453.9                           |
|            |                         | 6/12/13     | 8.07       | 27.8                   | 1036                               | 430                             |
|            |                         | 10/24/13    | 7.89       | 26.4                   | 783                                | 430                             |
|            |                         | 4/29/14     | 8.19       | 27.4                   | 1018                               | 447                             |
|            |                         | 10/15/14    | 8.90       | 26.4                   | 924                                | 440                             |
|            |                         | 4/28/15     | 8.04       | 27.7                   | 1330                               | 502                             |
|            |                         | 4/12/16     | 7.73       | 27.3                   | 1351                               | 413                             |
|            |                         | 9/21/16     | 8.62       | 27.2                   | 1454                               | 511                             |
|            |                         | 10/26/16    | 8.38       | 26.9                   | 1379                               | 463                             |
|            |                         | 5/2/17      | 9.07       | 27.5                   | 1352                               | 460                             |
|            |                         | 7/12/17     | 8.89       | 26.6                   | 1220                               | 429                             |
|            |                         | 10/4/17     | 8.77       | 26.7                   | 1211                               | 465                             |
|            |                         | 4/18/18     | 8.43       | 29.0                   | 1284                               | 529                             |
| MO-2007-5C | 907457                  | 11/20/18    | 8.25       | 28.6                   | 1083                               | 607                             |
|            |                         | 4/10/19     | 8.22       | 28.4                   | 921                                | 553                             |
|            |                         | 9/10/19     | 7.98       | 29.7                   | 1441                               | 517                             |
|            |                         | 8/23/07     | 7.46       | 31.4                   | 780                                | 248                             |
|            |                         | 1/7/08      | 8.26       | 27.0                   | 851                                | NA                              |
|            |                         | 4/17/08     | 8.34       | 29.7                   | 680                                | 259                             |
|            |                         | 7/24/08     | 8.30       | 31.3                   | 746                                | 233                             |
|            |                         | 10/23/08    | 9.11       | 30.2                   | 728                                | 257                             |
|            |                         | 1/23/09     | 9.30       | 21.1                   | 710                                | 222                             |
|            |                         | 5/13/09     | 7.64       | 31.4                   | 715                                | 235                             |
|            |                         | 10/27/09    | 7.55       | 30.1                   | 651                                | 238                             |
|            |                         | 4/27/10     | 7.17       | 32.3                   | 663                                | 245                             |
|            |                         | 4/27/10 DUP | 7.17       | 32.3                   | 663                                | 248                             |
|            |                         | 12/10/10    | 7.95       | 30.5                   | 709                                | 251                             |
|            |                         | 5/24/11     | 7.76       | 29.7                   | 682                                | 238                             |
|            |                         | 11/21/11    | 8.58       | 26.4                   | 780                                | 235.98                          |
|            |                         | 6/18/12     | 8.35       | 30.0                   | 816                                | 238.89                          |
|            |                         | 11/6/12     | 8.43       | 26.3                   | 763                                | 262.57                          |
|            |                         | 6/13/13     | 8.88       | 25.8                   | 704                                | 251                             |
|            |                         | 11/12/13    | 8.86       | 26.1                   | 653                                | 210                             |
|            |                         | 5/6/14      | 8.92       | 26.2                   | 565                                | 183                             |
|            |                         | 10/15/14    | 9.34       | 25.5                   | 591                                | 155                             |
|            |                         | 4/29/15     | 9.25       | 26.9                   | 710                                | 167                             |
|            |                         | 9/21/16     | 10.76      | 27.7                   | 730                                | 74.4                            |
|            |                         | 10/26/16    | 9.85       | 27.1                   | 726                                | 80.6                            |
|            |                         | 5/2/17      | 9.85       | 28.1                   | 791                                | 106                             |
|            |                         | 5/2/17 DUP  | 9.85       | 28.1                   | 791                                | 110                             |
|            |                         | 7/12/17     | 9.04       | 26.3                   | 787                                | 116                             |
|            |                         | 10/4/17     | 9.10       | 28.6                   | 760                                | 133                             |
|            |                         | 4/18/18     | 9.60       | 28.0                   | 582                                | 144                             |
|            |                         | 11/20/18    | 9.81       | 26.2                   | 653                                | 160                             |
|            |                         | 4/10/19     | 9.31       | 26.2                   | 622                                | 179                             |
|            |                         | 9/10/19     | 8.81       | 28.8                   | 785                                | 246                             |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name  | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|------------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| MO-2007-6A | 907607                  | 1/22/08      | 7.84       | 26.5                   | 380                                | 30                              |
|            |                         | 1/22/08 DUP  | 7.84       | 26.5                   | 380                                | 30                              |
|            |                         | 4/18/08      | 7.61       | 27.2                   | 346                                | 20.5                            |
|            |                         | 7/24/08      | 7.47       | 28.3                   | 390                                | 16.9                            |
|            |                         | 10/23/08     | 7.49       | 25.8                   | 388                                | 18.6                            |
|            |                         | 1/22/09      | 7.48       | 26.2                   | 364                                | 26.9                            |
|            |                         | 4/2/09       | 7.88       | 25.5                   | 378                                | 23.7                            |
|            |                         | 7/22/09      | 7.47       | 29.5                   | 373                                | 19.8                            |
|            |                         | 10/26/09     | 7.52       | 27.9                   | 349                                | 23.5                            |
|            |                         | 1/20/10      | 7.66       | 26.2                   | 343                                | 24.6                            |
|            |                         | 4/21/10      | 7.59       | 27.3                   | 375                                | 34.7                            |
|            |                         | 8/10/10      | 7.86       | 31.2                   | 386                                | 26.8                            |
|            |                         | 10/26/10     | 7.74       | 28.3                   | 381                                | 33.9                            |
|            |                         | 1/18/11      | 7.71       | 26.7                   | 376                                | 30.2                            |
|            |                         | 5/5/11       | 7.59       | 29.0                   | 384                                | 29.2                            |
|            |                         | 7/7/11       | 7.72       | 29.1                   | 397                                | 36.6                            |
|            |                         | 7/7/11 DUP   | 7.72       | 29.1                   | 397                                | 37.1                            |
|            |                         | 10/6/11      | 8.05       | 25.8                   | 402                                | 34.109                          |
|            |                         | 1/11/12      | 7.47       | 26.8                   | 234                                | 43.51                           |
|            |                         | 1/11/12 DUP  | 7.47       | 26.8                   | 234                                | 42.97                           |
|            |                         | 6/12/12      | 7.65       | 28.2                   | 389                                | 34.98                           |
|            |                         | 8/13/12      | 7.84       | 29.2                   | 362                                | 36.91                           |
|            |                         | 10/18/12     | 7.77       | 28.8                   | 368                                | 30.42                           |
|            |                         | 1/8/13       | 7.70       | 27.6                   | 354                                | 25.17                           |
|            |                         | 4/9/13       | 8.04       | 28.5                   | 329                                | 32.44                           |
|            |                         | 4/9/13 DUP   | 8.04       | 28.5                   | 329                                | 32.94                           |
|            |                         | 7/10/13      | 8.20       | 27.9                   | 270                                | 18.30                           |
|            |                         | 10/22/13     | 8.44       | 28.0                   | 153                                | 10.4                            |
|            |                         | 1/6/14       | 8.24       | 36.5                   | 330                                | 19.3                            |
|            |                         | 4/9/14       | 8.71       | 26.6                   | 210                                | 5.74                            |
|            |                         | 7/8/14       | 8.15       | 28.3                   | 370                                | 10.6                            |
|            |                         | 12/2/14      | 8.30       | 27.0                   | 326                                | 18.3                            |
|            |                         | 12/2/14      | 8.30       | 27.0                   | 326                                | 18.3                            |
|            |                         | 1/8/15       | 8.04       | 26.7                   | 176                                | 13.5                            |
|            |                         | 4/16/15      | 7.89       | 27.0                   | 314                                | 19.6                            |
|            |                         | 7/2/15       | 7.77       | 29.3                   | 414                                | 28.8                            |
|            |                         | 7/2/15 DUP   | 7.77       | 29.3                   | 414                                | 28.6                            |
|            |                         | 10/19/15     | 8.03       | 28.3                   | 340                                | 17.4                            |
|            |                         | 4/6/16       | 7.89       | 27.9                   | 262                                | 8.26                            |
|            |                         | 7/5/16       | 8.32       | 28.8                   | 460                                | 6.74                            |
|            |                         | 10/25/16     | 8.51       | 27.8                   | 250                                | 4.22                            |
|            |                         | 1/11/17      | 8.48       | 27.4                   | 283                                | 7.15                            |
|            |                         | 5/3/17       | 8.78       | 27.4                   | 321.4                              | 4.32                            |
|            |                         | 7/13/17      | 8.67       | 28.3                   | 267                                | 3.57                            |
|            |                         | 10/11/17     | 8.45       | 28.4                   | 357                                | 5.73                            |
|            |                         | 1/11/18      | 8.65       | 25.9                   | 231                                | 7.33                            |
|            |                         | 4/17/18      | 8.21       | 26.9                   | 316                                | 7.75                            |
|            |                         | 8/13/18      | 8.34       | 28.3                   | 281                                | 6.63                            |
|            |                         | 11/19/18     | 8.39       | 27.5                   | 206                                | 2.42                            |
|            |                         | 11/19/18 DUP | 8.39       | 27.5                   | 206                                | 2.38                            |
|            |                         | 2/7/19       | 8.32       | 27.2                   | 276                                | 6.80                            |
|            |                         | 4/9/19       | 8.03       | 29.7                   | 291                                | 14.8                            |
|            |                         | 4/9/19 DUP   | 8.03       | 29.7                   | 291                                | 15.4                            |
|            |                         | 7/30/19      | 7.96       | 28.3                   | 291                                | 9.51                            |
|            |                         | 9/5/19       | 8.02       | 28.5                   | 401                                | 27.9                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name  | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|------------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| MO-2007-6B | 907606                  | 1/21/08      | 8.13       | 29.8                   | 467                                | 80                              |
|            |                         | 4/17/08      | 8.09       | 29.9                   | 453                                | 90.4                            |
|            |                         | 7/24/08      | 8.00       | 33.8                   | 473                                | 81.5                            |
|            |                         | 10/23/08     | 8.01       | 28.9                   | 446                                | 63.2                            |
|            |                         | 1/22/09      | 7.45       | 29.9                   | 443                                | 84.5                            |
|            |                         | 4/2/09       | 8.08       | 27.7                   | 444                                | 75.7                            |
|            |                         | 7/22/09      | 7.86       | 32.7                   | 427                                | 63.5                            |
|            |                         | 10/26/09     | 7.90       | 30.5                   | 398                                | 62.1                            |
|            |                         | 1/20/10      | 8.05       | 27.4                   | 406                                | 69.7                            |
|            |                         | 4/21/10      | 7.95       | 29.5                   | 380                                | 57.9                            |
|            |                         | 4/21/10 DUP  | 7.95       | 29.5                   | 380                                | 57.9                            |
|            |                         | 8/10/10      | 7.86       | 31.2                   | 438                                | 68.8                            |
|            |                         | 8/10/10 DUP  | 7.86       | 31.2                   | 438                                | 68.6                            |
|            |                         | 10/26/10     | 7.89       | 30.8                   | 399                                | 57.7                            |
|            |                         | 1/18/11      | 7.85       | 30.4                   | 396                                | 58.5                            |
|            |                         | 5/5/11       | 7.84       | 32.8                   | 404                                | 57.2                            |
|            |                         | 7/7/11       | 7.88       | 32.8                   | 405                                | 57.5                            |
|            |                         | 10/6/11      | 8.08       | 27.0                   | 405                                | 55.342                          |
|            |                         | 1/11/12      | 7.57       | 29.9                   | 235                                | 57.78                           |
|            |                         | 6/12/12      | 7.62       | 31.5                   | 399                                | 55.99                           |
|            |                         | 8/13/12      | 7.61       | 32.2                   | 374                                | 56.54                           |
|            |                         | 10/18/12     | 7.82       | 29.8                   | 383                                | 50.70                           |
|            |                         | 1/8/13       | 7.68       | 27.2                   | 380                                | 37.31                           |
|            |                         | 4/9/13       | 8.03       | 29.8                   | 361                                | 54.72                           |
|            |                         | 7/10/13      | 8.80       | 28.1                   | 306                                | 42.00                           |
|            |                         | 10/22/13     | 8.79       | 29.6                   | 261                                | 65.6                            |
|            |                         | 10/22/13 DUP | 8.79       | 29.6                   | 261                                | 66.8                            |
|            |                         | 1/6/14       | 9.16       | 26.4                   | 510                                | 91.5                            |
|            |                         | 4/9/14       | 9.04       | 27.3                   | 310                                | 85.7                            |
|            |                         | 7/8/14       | 9.13       | 28.7                   | 520                                | 89.2                            |
|            |                         | 12/2/14      | 8.88       | 26.6                   | 322                                | 82.3                            |
|            |                         | 1/8/15       | 8.76       | 27.3                   | 294                                | 84.2                            |
|            |                         | 4/16/15      | 9.03       | 26.0                   | 303                                | 64.3                            |
|            |                         | 7/2/15       | 8.67       | 26.4                   | 443                                | NS                              |
|            |                         | 8/17/16      | 9.39       | 29.0                   | 370.0                              | 28.5                            |
|            |                         | 10/25/16     | 9.48       | 28.8                   | 306                                | 12.5                            |
|            |                         | 1/11/17      | 9.38       | 28.5                   | 350                                | 12.3                            |
|            |                         | 5/3/17       | 8.91       | 28.1                   | 306.1                              | 13.6                            |
|            |                         | 7/13/17      | 9.12       | 28.5                   | 393                                | 22.9                            |
|            |                         | 10/10/17     | 8.84       | 29.4                   | 418                                | 31.2                            |
|            |                         | 1/11/18      | 9.10       | 27.3                   | 317                                | 23.7                            |
|            |                         | 4/17/18      | 8.51       | 30.1                   | 407                                | 54.0                            |
|            |                         | 8/13/18      | 8.49       | 29.3                   | 310                                | 24.5                            |
|            |                         | 11/19/18     | 8.53       | 32.1                   | 345                                | 53.6                            |
|            |                         | 2/7/19       | 8.34       | 30.6                   | 262                                | 51.5                            |
|            |                         | 2/7/19 DUP   | 8.34       | 30.6                   | 262                                | 51.5                            |
|            |                         | 4/9/19       | 7.98       | 32.0                   | 307                                | 52.8                            |
|            |                         | 7/30/19      | 7.93       | 29.8                   | 274                                | 47.6                            |
|            |                         | 9/5/19       | 7.81       | 32.2                   | 418                                | 48.1                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name  | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|------------|-------------------------|--------------|------------|------------------------|------------------------------------|---------------------------------|
| MO-2009-1  | 910458                  | 4/24/09      | 7.23       | 31.3                   | 397                                | 62.1                            |
|            |                         | 7/29/09      | 8.18       | 32.9                   | 495                                | 97.7                            |
|            |                         | 7/29/09 DUP  | 8.18       | 32.9                   | 495                                | 96.4                            |
|            |                         | 11/3/09      | 8.17       | 29.5                   | 513                                | 109                             |
|            |                         | 1/25/10      | 8.23       | 29.2                   | 481                                | 82.1                            |
|            |                         | 4/20/10      | 8.21       | 30.4                   | 467                                | 99                              |
|            |                         | 8/10/10      | 8.23       | 31.4                   | 528                                | 109                             |
|            |                         | 12/15/10     | 8.29       | 29.0                   | 504                                | 95                              |
|            |                         | 12/15/10 DUP | 8.29       | 29.0                   | 504                                | 94                              |
|            |                         | 2/2/11       | 8.69       | 26.9                   | 432                                | 92                              |
|            |                         | 6/16/11      | 8.30       | 32.7                   | 468                                | 102                             |
|            |                         | 8/31/11      | 8.33       | 31.1                   | 560                                | 108                             |
|            |                         | 12/1/11      | 8.57       | 28.9                   | 479                                | 91.82                           |
|            |                         | 1/11/12      | 8.18       | 29.9                   | 292                                | 93.84                           |
|            |                         | 5/9/12       | 8.47       | 25.8                   | 479                                | 97.69                           |
|            |                         | 8/15/12      | 8.47       | 32.7                   | 454                                | 102.4                           |
|            |                         | 11/29/12     | 8.64       | 26.5                   | 480                                | 94.26                           |
|            |                         | 1/8/13       | 8.79       | 27.0                   | 522                                | 98.57                           |
|            |                         | 4/10/13      | 8.67       | 29.8                   | 403                                | 105.80                          |
|            |                         | 7/11/13      | 8.67       | 27.9                   | 450                                | 118.00                          |
|            |                         | 10/16/13     | 8.62       | 27.6                   | 526                                | 115                             |
|            |                         | 1/6/14       | 9.68       | 24.4                   | 451                                | 89.3                            |
|            |                         | 4/24/14      | 8.55       | 29.8                   | 499                                | 98.2                            |
|            |                         | 7/8/14       | 9.25       | 26.8                   | 493                                | 81.1                            |
|            |                         | 7/8/14 DUP   | 9.25       | 26.8                   | 493                                | 87.1                            |
|            |                         | 12/2/14      | 8.69       | 27.3                   | 353                                | 89.8                            |
|            |                         | 1/13/15      | 8.90       | 26.7                   | 226                                | 31.2                            |
|            |                         | 4/15/15      | 8.44       | 27.3                   | 488                                | 104.0                           |
|            |                         | 7/7/15       | 8.73       | 27.6                   | 494                                | 78.1                            |
|            |                         | 10/20/15     | 9.37       | 25.6                   | 584                                | 68.9                            |
|            |                         | 1/6/16       | 8.21       | 24.3                   | 419                                | 41.7                            |
|            |                         | 4/12/16      | 8.55       | 27.1                   | 521                                | 23.5                            |
|            |                         | 7/5/16       | 8.67       | 27.4                   | 544                                | 30.3                            |
|            |                         | 10/26/16     | 9.30       | 26.0                   | 243                                | 17.1                            |
|            |                         | 1/12/17      | 8.59       | 26.1                   | 363                                | 29.7                            |
|            |                         | 5/4/17       | 8.83       | 26.6                   | 298.4                              | 13.7                            |
|            |                         | 5/4/17 DUP   | 8.83       | 26.6                   | 298.4                              | 13.6                            |
|            |                         | 7/12/17      | 8.97       | 26.5                   | 327                                | 20.2                            |
|            |                         | 10/4/17      | 8.81       | 25.9                   | 291                                | 40.3                            |
|            |                         | 1/18/18      | 8.83       | 26.6                   | 352                                | 33.7                            |
|            |                         | 4/18/18      | 8.64       | 28.5                   | 472                                | 103                             |
|            |                         | 4/18/18 DUP  | 8.64       | 28.5                   | 472                                | 101                             |
|            |                         | 8/8/18       | 8.84       | 26.6                   | 373                                | 66.7                            |
|            |                         | 11/20/18     | 8.97       | 26.4                   | 834                                | 86.4                            |
|            |                         | 2/20/19      | 8.99       | 25.7                   | 330                                | 36.2                            |
|            |                         | 4/10/19      | 8.85       | 28.2                   | 537                                | 138                             |
|            |                         | 7/30/19      | 8.83       | 28.7                   | 471                                | 136                             |
|            |                         | 9/4/19       | 8.42       | 30.4                   | 589                                | 118                             |
| MW-2016-5A | 919635                  | 8/10/16      | 7.59       | 26.2                   | 394.4                              | 27                              |
|            |                         | 10/6/16      | 7.83       | 26.7                   | 381                                | 24.1                            |
|            |                         | 1/11/17      | 7.85       | 25.9                   | 408.2                              | 27.6                            |
|            |                         | 5/9/17       | 8.00       | 26.1                   | 383.1                              | 28.6                            |
|            |                         | 7/11/17      | 8.03       | 26.7                   | 435                                | 22.2                            |
|            |                         | 7/11/17 DUP  | 8.03       | 26.7                   | 435                                | 22.1                            |
|            |                         | 10/3/17      | 8.02       | 26.4                   | 362                                | 22.5                            |
|            |                         | 1/10/18      | 7.93       | 25.4                   | 351                                | 25.9                            |
|            |                         | 5/10/18      | 8.30       | 26.7                   | 336                                | 22.8                            |
|            |                         | 5/10/18 DUP  | 8.30       | 26.7                   | 336                                | 22.8                            |
|            |                         | 8/13/18      | 7.90       | 26.9                   | 319                                | 22.1                            |
|            |                         | 11/5/18      | 8.08       | 26.8                   | 259                                | 21.4                            |
|            |                         | 2/19/19      | 7.91       | 26.0                   | 356                                | 29.5                            |
|            |                         | 4/15/19      | 7.87       | 26.2                   | 272                                | 29.0                            |



**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name  | ADWR 55<br>Registry No. | Sample Date | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|------------|-------------------------|-------------|------------|------------------------|------------------------------------|---------------------------------|
| MW-2016-5B | 919472                  | 8/4/16      | 7.82       | 29.4                   | 373.4                              | 46                              |
|            |                         | 10/6/16     | 8.18       | 28.2                   | 438                                | 63.3                            |
|            |                         | 1/11/17     | 8.07       | 27.5                   | 433                                | 59.6                            |
|            |                         | 5/31/17     | 9.14       | 26.8                   | 354                                | 45.4                            |
|            |                         | 7/11/17     | 8.81       | 27.6                   | 354                                | 51.1                            |
|            |                         | 10/3/17     | 8.66       | 27.7                   | 465                                | 56.1                            |
|            |                         | 1/10/18     | 8.42       | 26.3                   | 350                                | 49.3                            |
|            |                         | 5/10/18     | 8.41       | 27.8                   | 298                                | 41.9                            |
|            |                         | 8/13/18     | 8.40       | 27.9                   | 403                                | 58.7                            |
|            |                         | 11/5/18     | 8.16       | 29.3                   | 358                                | 64.8                            |
|            |                         | 2/19/19     | 8.30       | 27.0                   | 281                                | 60.4                            |
| MW-2016-6  | 919676                  | 4/15/19     | 8.06       | 27.7                   | 249                                | 56.6                            |
|            |                         | 8/16/16     | 7.59       | 28.4                   | 1236                               | 490                             |
|            |                         | 10/6/16     | 7.85       | 28.2                   | 714                                | 234                             |
|            |                         | 1/11/17     | 7.83       | 26.4                   | 432                                | 67                              |
|            |                         | 5/9/17      | 8.54       | 28.1                   | 876                                | 228                             |
|            |                         | 7/10/17     | 9.03       | 27.8                   | 474                                | 117                             |
|            |                         | 10/3/17     | 8.32       | 28.5                   | 718                                | 127                             |
|            |                         | 1/10/18     | 8.25       | 26.0                   | 302                                | 60.8                            |
|            |                         | 5/10/18     | 8.26       | 27.7                   | 496                                | 61.2                            |
|            |                         | 8/13/18     | 8.14       | 28.3                   | 399                                | 77.1                            |
|            |                         | 11/5/18     | 7.91       | 27.6                   | 574                                | 238                             |
|            |                         | 2/19/19     | 7.89       | 27.5                   | 396                                | 167                             |
|            |                         | 4/15/19     | 7.84       | 27.3                   | 274                                | 75.1                            |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55 Registry No. | Sample Date  | pH (SU) | Temperature (deg C) | Specific Conductance (µS/cm) | Sulfate, Dissolved (mg/L) |
|-----------|----------------------|--------------|---------|---------------------|------------------------------|---------------------------|
| NP-2      | 605898               | 6/4/07       | 7.20    | 25.9                | 411                          | 41.2                      |
|           |                      | 7/18/07      | 7.30    | 23.2                | 816                          | NA                        |
|           |                      | 6/4/07       | 7.20    | 25.9                | 411                          | 41.2                      |
|           |                      | 8/13/07      | 7.16    | 26.0                | 441                          | 41.7                      |
|           |                      | 1/11/08      | 7.60    | 25.0                | 760                          | 43.5                      |
|           |                      | 1/11/08 DUP  | 7.60    | 25.0                | 760                          | 43.8                      |
|           |                      | 4/17/08      | 7.34    | 25.4                | 379                          | 40                        |
|           |                      | 4/17/08 DUP  | 7.34    | 25.4                | 379                          | 33                        |
|           |                      | 7/11/08      | 7.62    | 25.9                | 455                          | 40.5                      |
|           |                      | 10/6/08      | 7.57    | 25.1                | 405                          | 39.7                      |
|           |                      | 2/9/09       | 7.61    | 25.3                | 337                          | 42.4                      |
|           |                      | 4/24/09      | 6.89    | 24.6                | 510                          | 32.1                      |
|           |                      | 9/17/09      | 6.68    | 26.6                | 414                          | 40                        |
|           |                      | 12/31/09     | 7.60    | 23.6                | 387                          | 40.7                      |
|           |                      | 2/17/10      | 6.35    | 24.7                | 450                          | 42.0                      |
|           |                      | 2/17/10 DUP  | 6.35    | 24.7                | 450                          | 42.0                      |
|           |                      | 4/22/10      | 7.25    | 23.49               | 447                          | 41.9                      |
|           |                      | 8/5/10       | 7.67    | 26.0                | 429                          | 41.2                      |
|           |                      | 10/25/10     | 7.66    | 25.3                | 446                          | 41.4                      |
|           |                      | 1/19/11      | 7.69    | 25.5                | 402                          | 41.9                      |
|           |                      | 5/3/11       | 7.84    | 25.3                | 413                          | 43.5                      |
|           |                      | 7/18/11      | 7.72    | 25.8                | 431                          | 44.8                      |
|           |                      | 7/18/11 DUP  | 7.72    | 25.8                | 431                          | 44.6                      |
|           |                      | 12/5/11      | 8.11    | 23.1                | 396                          | 58.63                     |
|           |                      | 3/21/12      | 7.86    | 24.9                | 337                          | 64.11                     |
|           |                      | 6/18/12      | 7.83    | 26.9                | 463                          | 64.90                     |
|           |                      | 8/15/12      | 8.01    | 26.3                | 357                          | 65.72                     |
|           |                      | 11/29/12     | 8.02    | 24.1                | 396                          | 70.13                     |
|           |                      | 2/20/13      | 7.94    | 23.6                | 376                          | 69.34                     |
|           |                      | 6/17/13      | 7.96    | 25.6                | 379                          | 71.6                      |
|           |                      | 8/27/13      | 7.82    | 25.4                | 337                          | 64.3                      |
|           |                      | 10/30/13     | 7.57    | 24.5                | 264                          | 59.6                      |
|           |                      | 1/7/14       | 7.57    | 23.7                | 329                          | 63.0                      |
|           |                      | 4/23/14      | 7.80    | 24.7                | 410                          | 55.2                      |
|           |                      | 7/1/14       | 7.59    | 24.6                | 448                          | 48.1                      |
|           |                      | 10/13/14     | 7.98    | 25.3                | 370                          | 41.1                      |
|           |                      | 10/13/14 DUP | 7.98    | 25.3                | 370                          | 41.3                      |
|           |                      | 1/14/15      | 8.08    | 24.8                | 426                          | 42.9                      |
|           |                      | 8/23/16      | 7.84    | 26.0                | 468                          | 45.9                      |
|           |                      | 12/5/16      | 7.90    | 25.3                | 489                          | 38.6                      |
|           |                      | 1/16/17      | 8.03    | 23.7                | 406                          | 38.2                      |
|           |                      | 5/23/17      | 7.87    | 23.7                | 401                          | 30.2                      |
|           |                      | 5/23/17 DUP  | 7.87    | 23.7                | 401                          | 30.2                      |
|           |                      | 8/8/17       | 7.86    | 25.9                | 443                          | 46.2                      |
|           |                      | 8/8/17 DUP   | 7.86    | 25.9                | 443                          | 46.1                      |
|           |                      | 10/26/17     | 8.02    | 25.7                | 425                          | 43.0                      |
|           |                      | 4/4/18       | 7.80    | 26.4                | 362                          | 41.1                      |
|           |                      | 9/5/18       | 8.03    | 26.1                | 394                          | 44.5                      |
|           |                      | 12/5/18      | 8.08    | 25.0                | 320                          | 46.6                      |
|           |                      | 3/5/19       | 7.92    | 25.5                | 343                          | 45.9                      |
|           |                      | 5/7/19       | 8.23    | 25.1                | 250                          | 45.0                      |
|           |                      | 8/13/19      | 7.96    | 26.0                | 266                          | 43.2                      |
| PS-1      | 220861               | 2/3/14       | 7.21    | 24.7                | 2600                         | 1310                      |
|           |                      | 4/14/14      | 7.56    | 27.1                | 1461                         | 1250                      |
|           |                      | 7/9/14       | 6.71    | 27.4                | 2320                         | 1270                      |
|           |                      | 11/10/14     | 7.39    | 26.5                | 1806                         | 1150                      |
|           |                      | 1/12/15      | 7.72    | 26.6                | 1572                         | 1130                      |
|           |                      | 4/1/15       | 7.64    | 27.8                | 1268                         | 1140                      |
|           |                      | 7/15/15      | 7.18    | 26.6                | 2180                         | 1180                      |
|           |                      | 11/3/15      | 7.63    | 26.1                | 1393                         | 1150                      |
|           |                      | 1/6/16       | 7.38    | 24.8                | 1518                         | 1210                      |
|           |                      | 5/9/16       | 7.49    | 26.7                | 1247                         | 1220                      |
|           |                      | 8/18/16      | 7.56    | 27.4                | 2546                         | 1190                      |
|           |                      | 4/18/17      | 7.84    | 27.3                | 2468                         | 1190                      |
|           |                      | 4/26/18      | 7.71    | 27.2                | 2050                         | 1230                      |
|           |                      | 4/16/19      | 7.78    | 27.2                | 1338                         | 1390                      |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55 Registry No. | Sample Date | pH (SU) | Temperature (deg C) | Specific Conductance (µS/cm) | Sulfate, Dissolved (mg/L) |
|-----------|----------------------|-------------|---------|---------------------|------------------------------|---------------------------|
| PS-2      | 220862               | 2/3/14      | 7.01    | 25.1                | 1935                         | 1080                      |
|           |                      | 2/3/14 DUP  | 7.01    | 25.1                | 1935                         | 1090                      |
|           |                      | 4/14/14     | 7.62    | 26.6                | 1303                         | 1050                      |
|           |                      | 7/9/14      | 6.79    | 27.5                | 1934                         | 1120                      |
|           |                      | 11/10/14    | 7.09    | 26.5                | 1689                         | 1020                      |
|           |                      | 1/12/15     | 7.71    | 25.9                | 1482                         | 1000                      |
|           |                      | 4/1/15      | 7.62    | 27.8                | 1218                         | 1000                      |
|           |                      | 7/15/15     | 7.51    | 26.5                | 1894                         | 1040                      |
|           |                      | 11/3/15     | 7.70    | 25.7                | 1358                         | 1010                      |
|           |                      | 1/6/16      | 7.40    | 25.5                | 1483                         | 1030                      |
|           |                      | 5/9/16      | 7.57    | 26.9                | 1249                         | 1070                      |
|           |                      | 8/18/16     | 7.53    | 28.0                | 2215                         | 1040                      |
|           |                      | 4/18/17     | 7.75    | 27.5                | 2160                         | 991                       |
|           |                      | 4/26/18     | 7.70    | 27.0                | 1781                         | 999                       |
| PS-3      | 220863               | 4/16/19     | 7.83    | 26.9                | 1245                         | 1070                      |
|           |                      | 2/3/14      | 7.04    | 25.3                | 1810                         | 975                       |
|           |                      | 4/14/14     | 7.57    | 26.7                | 1270                         | 996                       |
|           |                      | 4/14/14 DUP | 7.57    | 26.7                | 1270                         | 997                       |
|           |                      | 7/9/14      | 6.76    | 27.6                | 1799                         | 1120                      |
|           |                      | 11/10/14    | 7.26    | 26.5                | 1658                         | 1090                      |
|           |                      | 1/12/15     | 7.75    | 26.0                | 1457                         | 1010                      |
|           |                      | 4/1/15      | 7.67    | 29.1                | 1184                         | 1010                      |
|           |                      | 7/15/15     | 7.56    | 27.2                | 1854                         | 1040                      |
|           |                      | 11/3/15     | 7.68    | 26.6                | 1337                         | 983                       |
|           |                      | 1/6/16      | 7.40    | 24.8                | 1455                         | 1040                      |
|           |                      | 5/9/16      | 7.55    | 27.2                | 1740                         | 1020                      |
|           |                      | 8/18/16     | 7.48    | 27.5                | 2202                         | 1000                      |
|           |                      | 8/18/16 DUP | 7.48    | 27.5                | 2202                         | 1020                      |
| PS-4      | 220864               | 4/18/17     | 7.73    | 27.3                | 2073                         | 955                       |
|           |                      | 4/26/18     | 7.63    | 27.3                | 1630                         | 900                       |
|           |                      | 4/16/19     | 7.90    | 27.3                | 1152                         | 946                       |
|           |                      | 2/3/14      | 7.07    | 25.2                | 2570                         | 1280                      |
|           |                      | 4/14/14     | 7.48    | 27.6                | 1393                         | 1260                      |
|           |                      | 7/9/14      | 7.23    | 27.5                | 2330                         | 1300                      |
|           |                      | 11/10/14    | 7.17    | 26.9                | 1923                         | 1260                      |
|           |                      | 1/12/15     | 7.62    | 26.3                | 1664                         | 1220                      |
|           |                      | 4/1/15      | 7.64    | 28.2                | 1306                         | 1230                      |
|           |                      | 4/1/15 DUP  | 7.64    | 28.2                | 1306                         | 1240                      |
|           |                      | 7/15/15     | 6.69    | 27.2                | 2280                         | 1240                      |
|           |                      | 11/3/15     | 7.54    | 26.6                | 1412                         | 1230                      |
|           |                      | 1/6/16      | 7.37    | 24.2                | 1560                         | 1290                      |
|           |                      | 1/6/16 DUP  | 7.37    | 24.2                | 1560                         | 1290                      |
|           |                      | 5/9/16      | 7.52    | 27.1                | 1430                         | 1280                      |
|           |                      | 8/18/16     | 7.53    | 27.6                | 2667                         | 1280                      |
|           |                      | 5/15/17     | 7.43    | 27.4                | 2620                         | 1260                      |
|           |                      | 6/29/18     | 7.84    | 27.5                | 1673                         | 1250                      |
|           |                      | 4/16/19     | 7.70    | 27.2                | 1328                         | 1390                      |
|           |                      | 4/16/19 DUP | 7.70    | 27.2                | 1328                         | 1450                      |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>(µS/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|-------------|------------|------------------------|------------------------------------|---------------------------------|
| PZ-7      | 561870                  | 11/16/06    | NM         | NM                     | NM                                 | 270                             |
|           |                         | 1/12/07     | 7.30       | 21.6                   | 920                                | 340                             |
|           |                         | 4/17/07     | 7.13       | 23.8                   | 777                                | 360                             |
|           |                         | 7/24/07     | 7.31       | 28.2                   | 979                                | 360                             |
|           |                         | 1/7/08      | 7.02       | 19.2                   | 1106                               | 400                             |
|           |                         | 4/28/08     | 7.09       | 27.6                   | 699                                | 440                             |
|           |                         | 7/11/08     | 7.29       | 24.5                   | 1173                               | 400                             |
|           |                         | 7/11/08 DUP | 7.29       | 24.5                   | 1173                               | 400                             |
|           |                         | 10/14/08    | 8.31       | 25.0                   | 1300                               | 420                             |
|           |                         | 1/13/09     | 7.46       | 21.6                   | 5200                               | 440                             |
|           |                         | 4/6/09      | 6.90       | 24.2                   | 1100                               | 460                             |
|           |                         | 4/23/10     | 6.12       | 20.51                  | 1400                               | 432                             |
|           |                         | 5/18/11     | 7.04       | 24.2                   | 1463                               | 472                             |
|           |                         | 5/18/11 DUP | 7.04       | 24.2                   | 1463                               | 470                             |
|           |                         | 6/6/12      | 6.93       | 25.9                   | 1458                               | 489.1                           |
|           |                         | 6/10/13     | 7.20       | 29.2                   | 1038                               | 500                             |
|           |                         | 4/8/14      | 7.11       | 24.0                   | 966                                | 428                             |
|           |                         | 4/21/15     | 7.05       | 22.8                   | 822                                | 434                             |
|           |                         | 4/26/16     | 7.10       | 22.6                   | 829                                | 441                             |
|           |                         | 5/9/17      | 7.62       | 23.1                   | 1319                               | 466                             |
| PZ-8      | 561866                  | 5/2/18      | 7.66       | 24.2                   | 1152                               | 478                             |
|           |                         | 4/16/19     | 8.04       | 24.6                   | 948                                | 528                             |
|           |                         | 11/14/06    | NM         | NM                     | NM                                 | 470                             |
|           |                         | 1/10/07     | 6.6        | 21.0                   | 985                                | 460                             |
|           |                         | 4/11/07     | 7.41       | 19.8                   | 1074                               | 540                             |
|           |                         | 7/12/07     | 7.27       | 27.3                   | 935                                | 450                             |
|           |                         | 1/3/08      | 7.52       | 23.1                   | 1045                               | 320                             |
|           |                         | 4/8/08      | 7.16       | 25.4                   | 962                                | 500                             |
|           |                         | 7/1/08      | 7.15       | 26.49                  | 1203                               | 400                             |
|           |                         | 10/8/08     | 7.22       | 28.2                   | 1400                               | 460                             |
|           |                         | 1/8/09      | 7.05       | 22.3                   | 1000                               | 330                             |
|           |                         | 4/8/09      | 6.54       | 24.1                   | 900                                | 280                             |
|           |                         | 4/22/10     | 6.88       | 16.3                   | 1230                               | 305                             |
|           |                         | 4/21/11     | 7.05       | 21.5                   | 1147                               | 364                             |
|           |                         | 4/25/12     | 6.41       | 24.1                   | 935                                | 344.9                           |
|           |                         | 6/10/13     | 7.35       | 26.7                   | 943                                | 380                             |
|           |                         | 4/23/14     | 7.16       | 23.7                   | 1216                               | 480                             |
|           |                         | 4/15/15     | 6.84       | 24.6                   | 780                                | 454                             |
|           |                         | 4/26/16     | 6.98       | 24.7                   | 833                                | 422                             |
|           |                         | 5/9/17      | 7.92       | 24.9                   | 1358                               | 603                             |
|           |                         | 5/2/18      | 7.70       | 24.2                   | 1168                               | 642                             |
|           |                         | 4/17/19     | 7.86       | 23.6                   | 844                                | 580                             |

**TABLE 3**  
**Compilation of Field Parameters and Sulfate Analytical Results**

| Well Name | ADWR 55<br>Registry No. | Sample Date  | pH<br>(SU) | Temperature<br>(deg C) | Specific<br>Conductance<br>( $\mu$ S/cm) | Sulfate,<br>Dissolved<br>(mg/L) |
|-----------|-------------------------|--------------|------------|------------------------|------------------------------------------|---------------------------------|
| TMM-1     | 616156                  | 6/19/07      | 7.73       | 29.7                   | 351                                      | 14.1                            |
|           |                         | 8/6/07       | 8.04       | 25.2                   | 505                                      | <10                             |
|           |                         | 1/10/08      | 7.77       | 24.2                   | 254                                      | <0.5                            |
|           |                         | 4/18/08      | 7.54       | 25.1                   | 268                                      | <1                              |
|           |                         | 7/9/08       | 7.94       | 27.3                   | 296                                      | 7.3                             |
|           |                         | 10/9/08      | 8.14       | 29.7                   | 281                                      | <0.5                            |
|           |                         | 2/4/09       | 7.80       | 24.4                   | 236                                      | 5.7                             |
|           |                         | 4/21/09      | 7.92       | 26.7                   | 281                                      | 5.5                             |
|           |                         | 10/14/09     | 8.12       | 31.1                   | 256                                      | 0.6                             |
|           |                         | 4/20/10      | 8.08       | 27.0                   | 281                                      | 12                              |
|           |                         | 10/6/10      | 8.56       | 27.4                   | 269                                      | <0.5                            |
|           |                         | 4/21/11      | 7.96       | 26.8                   | 303                                      | 11.6                            |
|           |                         | 12/21/11     | 7.10       | 20.4                   | 1580                                     | <0.5                            |
|           |                         | 5/15/12      | 8.28       | 28.8                   | 32.8                                     | 7.93                            |
|           |                         | 11/23/12     | 7.64       | 22.8                   | 479                                      | <0.5                            |
|           |                         | 11/23/12 DUP | 7.64       | 22.8                   | 479                                      | <0.5                            |
|           |                         | 6/19/13      | 8.41       | 29.9                   | 263                                      | 1.43                            |
|           |                         | 10/29/13     | 7.11       | 24.8                   | 183                                      | <0.5                            |
|           |                         | 4/23/14      | 8.49       | 23.6                   | 266                                      | <0.5                            |

*Notes:*

ADWR = Arizona Department of Water Resources

SU = Standard Units

deg C = degrees Celsius

$\mu$ S/cm = microsiemens per centimeter

mg/L = milligrams per Liter

NA = not analyzed

NM = not measured

NS = no sample

DUP = Duplicate sample

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic  | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|---------------------|---------------------------------------|----------------|
| CC of GV  | 501760                        | 3527876.220                                                          | 501635.382                                                          | 2823.45                                      | 1/15/07  |                            | 253.15                     |                     | 2570.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/16/07  |                            | 254.20                     |                     | 2569.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/9/07   |                            | 259.79                     |                     | 2563.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/10/08  |                            | 257.26                     |                     | 2566.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/08   |                            | 261.09                     |                     | 2562.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/08 |                            | 263.13                     |                     | 2560.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/4/09   |                            | 258.48                     |                     | 2564.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/09  |                            | 258.79                     |                     | 2564.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/22/10  |                            | 259.51                     |                     | 2563.94                               | Sierrita       |
| CCGV2     | 627484                        | 3527694.880                                                          | 502116.840                                                          | 2805.88                                      | 5/14/13  |                            | 258.20                     |                     | 2565.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/13/16  |                            | 322.45                     | Dynamic             | 2483.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 325.63                     | Static              | 2480.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/17  |                            | 320.50                     | Dynamic             | 2485.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/17 |                            | 260.00                     |                     | 2545.88                               | Sierrita       |
| CW-3      | 627483                        | 3523809.985                                                          | 500047.663                                                          | 2941.71                                      | 4/24/19  |                            | 251.90                     | Static              | 2553.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/6/07   |                            | 265.35                     |                     | 2676.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/10/07  |                            | 267.40                     |                     | 2674.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/6/07  |                            | 269.98                     |                     | 2671.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/11/08  |                            | 264.40                     |                     | 2677.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/17/08  |                            | 266.46                     |                     | 2675.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/11/08  |                            | 270.95                     |                     | 2670.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/6/08  |                            | 271.78                     |                     | 2669.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/9/09   |                            | 267.51                     |                     | 2674.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/24/09  |                            | 269.06                     |                     | 2672.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/31/09 |                            | 272.10                     |                     | 2669.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/22/10  |                            | 271.91                     |                     | 2669.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/25/10 |                            | 273.54                     |                     | 2668.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/11   |                            | 272.50                     |                     | 2669.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/5/11  |                            | 274.20                     |                     | 2667.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/26/12  |                            | 259.51                     |                     | 2682.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/13/12 |                            | 278.81                     |                     | 2662.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/13/13  |                            | 283.48                     |                     | 2658.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/12/13 |                            | 286.51                     |                     | 2655.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 286.62                     |                     | 2655.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/14  |                            | 289.87                     |                     | 2651.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/6/14   |                            | 289.87                     |                     | 2651.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/23/14  |                            | 289.83                     |                     | 2651.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 296.29                     |                     | 2645.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 297.18                     |                     | 2644.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 298.21                     | Static              | 2643.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/15/14 |                            | 299.49                     |                     | 2642.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 300.17                     |                     | 2641.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 300.75                     | Static              | 2640.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 301.17                     | Static <sup>2</sup> | 2640.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 301.40                     | Static <sup>2</sup> | 2640.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/18/15  |                            | 301.16                     | Static <sup>2</sup> | 2640.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/15  |                            | 304.04                     | Static <sup>2</sup> | 2637.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/15  |                            | 303.79                     | Static <sup>2</sup> | 2637.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 304.11                     | Static <sup>2</sup> | 2637.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/24/15  |                            | 307.31                     | Static <sup>2</sup> | 2634.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 308.58                     | Static <sup>2</sup> | 2633.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/15 |                            | 309.02                     | Static <sup>2</sup> | 2632.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/5/15  |                            | 308.88                     | Static <sup>2</sup> | 2632.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | 308.56                     | Static <sup>2</sup> | 2633.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/12/16  |                            | 308.40                     | Static <sup>2</sup> | 2633.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/8/16   |                            | 308.34                     | Static <sup>2</sup> | 2633.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/16   |                            | 311.20                     | Static <sup>2</sup> | 2630.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/6/16  |                            | 314.38                     | Static <sup>2</sup> | 2627.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/23/17  |                            | 317.80                     | Static <sup>2</sup> | 2623.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/30/17 |                            | 318.19                     | Static <sup>2</sup> | 2623.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/26/18  |                            | 320.82                     | Static <sup>2</sup> | 2620.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/5/18  |                            | 318.59                     | Static <sup>2</sup> | 2623.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 317.65                     | Static <sup>2</sup> | 2624.06                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic  | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|---------------------|---------------------------------------|----------------|
| CW-6      | 627485                        | 3525588.55                                                           | 500944.89                                                           | 2867.00                                      | 12/4/06  |                            | 247.50                     |                     | 2619.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/3/07   |                            | 245.00                     |                     | 2622.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/07  |                            | 252.25                     |                     | 2614.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/10/07  |                            | 252.15                     |                     | 2614.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/2/07  |                            | 253.05                     |                     | 2613.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/8/08   |                            | 245.81                     |                     | 2621.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/17/08  |                            | 254.20                     |                     | 2612.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/08   |                            | 253.80                     |                     | 2613.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/08  |                            | 256.30                     |                     | 2610.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/6/09   |                            | 249.27                     |                     | 2617.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/22/09  |                            | 253.15                     |                     | 2613.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/22/09  |                            | 256.80                     |                     | 2610.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/5/09  |                            | 258.10                     |                     | 2608.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/10/10  |                            | 250.76                     |                     | 2616.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/10  |                            | 252.78                     |                     | 2614.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/27/10  |                            | 257.35                     |                     | 2609.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/14/10 |                            | 257.22                     |                     | 2609.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/11  |                            | 250.38                     |                     | 2616.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/11  |                            | 254.32                     |                     | 2612.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/11  |                            | 257.20                     |                     | 2609.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/14/11 |                            | 253.57                     |                     | 2613.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/24/12  |                            | 252.33                     |                     | 2614.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/9/12   |                            | 255.74                     |                     | 2611.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/12  |                            | 258.30                     |                     | 2608.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/12/12 |                            | 256.33                     |                     | 2610.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/6/13   |                            | 254.67                     |                     | 2612.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/13  |                            | 259.27                     |                     | 2607.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/17/13  |                            | 263.01                     |                     | 2603.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/23/13 |                            | 264.66                     |                     | 2602.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/14/14  |                            | 259.78                     |                     | 2607.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/16/14  |                            | 265.79                     |                     | 2601.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/13/14 |                            | 279.38                     | Static <sup>2</sup> | 2587.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/13/15  |                            | 279.20                     | Static <sup>2</sup> | 2587.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/14/15  |                            | 284.00                     | Static <sup>2</sup> | 2583.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/27/15  |                            | 290.59                     | Static <sup>2</sup> | 2576.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/20/15 |                            | 290.71                     | Static <sup>2</sup> | 2576.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/20/16  |                            | 290.45                     | Static <sup>2</sup> | 2576.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/19/16  |                            | 293.12                     | Static <sup>2</sup> | 2573.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/22/16  |                            | 298.70                     | Dynamic             | 2568.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/31/16 |                            | 300.81                     | Static <sup>2</sup> | 2566.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/17/17  |                            | 298.58                     | Static <sup>2</sup> | 2568.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/16/17  |                            | 303.85                     | Static <sup>2</sup> | 2563.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 305.00                     | Static              | 2562.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/17 |                            | 309.80                     | Static              | 2557.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/12/18  |                            | 309.80                     | Static              | 2557.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/18  |                            | 309.60                     | Static              | 2557.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/18   |                            | 312.62                     | Static              | 2554.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/28/18 |                            | 308.00                     | Static              | 2559.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/6/19   |                            | 305.20                     | Static              | 2561.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/24/19  |                            | 307.58                     | Static              | 2559.42                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| CW-7      | 502546                        | 3527941.01                                                           | 499686.595                                                          | 2987.50                                      | 2/2/07   |                            | 425.00                     |                    | 2562.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/07  |                            | 424.15                     |                    | 2563.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/10/07  |                            | 426.50                     |                    | 2561.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/2/07  |                            | 427.60                     |                    | 2559.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/8/08   |                            | 427.50                     |                    | 2560.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/17/08  |                            | 426.40                     |                    | 2561.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/08   |                            | 428.40                     |                    | 2559.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/08  |                            | 429.80                     |                    | 2557.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/6/09   |                            | 426.62                     |                    | 2560.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/22/09  |                            | 424.30                     |                    | 2563.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/10  |                            | 438.35                     |                    | 2549.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/11  |                            | 429.50                     |                    | 2558.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/9/12   |                            | 425.90                     |                    | 2561.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/13  |                            | 458.53                     |                    | 2528.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/16/14  |                            | 440.68                     |                    | 2546.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/18/15  |                            | 461.75                     | Static             | 2525.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/20/15 |                            | 465.40                     | Static             | 2522.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/19/16  |                            | 468.83                     | Static             | 2518.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/31/16 |                            | 474.39                     | Dynamic            | 2513.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/16/17  |                            | 477.10                     | Dynamic            | 2510.40                               | Sierrita       |
| CW-8      | 543600                        | 3525480.529                                                          | 499843.273                                                          | 2957.50                                      | 10/24/17 |                            | 482.50                     | Static             | 2505.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/18  |                            | 485.15                     | Static             | 2502.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/28/18 |                            | 487.78                     | Static             | 2499.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/24/19  |                            | 485.41                     | Static             | 2502.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/3/07   |                            | 336.50                     |                    | 2621.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/07  |                            | 338.14                     |                    | 2619.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/10/07  |                            | 339.80                     |                    | 2617.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/2/07  |                            | 340.60                     |                    | 2616.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/8/08   |                            | 337.97                     |                    | 2619.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/17/08  |                            | 339.20                     |                    | 2618.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/08   |                            | 341.75                     |                    | 2615.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/08  |                            | 342.75                     |                    | 2614.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/6/09   |                            | 339.12                     |                    | 2618.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/22/09  |                            | 341.20                     |                    | 2616.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 342.00                     |                    | 2615.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/11  |                            | 342.68                     |                    | 2614.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/9/12   |                            | 340.12                     |                    | 2617.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/13  |                            | 347.39                     |                    | 2610.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/16/14  |                            | 359.08                     |                    | 2598.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/18/15  |                            | 384.24                     | Static             | 2573.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/20/15 |                            | 387.56                     | Static             | 2569.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/19/16  |                            | 391.20                     | Static             | 2566.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/31/16 |                            | 397.39                     | Dynamic            | 2560.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/16/17  |                            | 400.30                     | Dynamic            | 2557.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/17 |                            | 404.16                     | Static             | 2553.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/18  |                            | 403.70                     | Static             | 2553.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/28/18 |                            | 404.95                     | Static             | 2552.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/24/19  |                            | 402.50                     | Static             | 2555.00                               | Sierrita       |



**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name         | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic  | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-------------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|---------------------|---------------------------------------|----------------|
| CW-9 <sup>3</sup> | 588121                        | 3528540.577                                                          | 501163.535                                                          | 2863.00                                      | 12/4/06  |                            | 306.00                     |                     | 2557.00                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 1/3/07   |                            | 304.20                     |                     | 2558.80                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/24/07  |                            | 309.40                     |                     | 2553.60                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 7/10/07  |                            | 310.20                     |                     | 2552.80                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/2/07  |                            | 310.70                     |                     | 2552.30                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 1/8/08   |                            | 308.82                     |                     | 2554.18                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/17/08  |                            | 308.00                     |                     | 2555.00                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 7/8/08   |                            | 315.60                     |                     | 2547.40                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/7/08  |                            | 316.05                     |                     | 2546.95                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 2/6/09   |                            | 309.80                     |                     | 2553.20                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/22/09  |                            | 311.10                     |                     | 2551.90                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 7/30/09  |                            | 316.5                      |                     | 2546.50                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 11/5/09  |                            | 321.60                     |                     | 2541.40                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 2/10/10  |                            | 316.69                     |                     | 2546.31                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/14/10  |                            | 316.20                     |                     | 2546.80                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 7/27/10  |                            | 313.63                     |                     | 2549.37                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/14/10 |                            | 318.65                     |                     | 2544.35                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 2/24/11  |                            | 309.94                     |                     | 2553.06                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/28/11  |                            | 313.41                     |                     | 2549.59                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 7/20/11  |                            | 315.45                     |                     | 2547.55                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 12/14/11 |                            | 314.17                     |                     | 2548.83                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 1/24/12  |                            | 312.56                     |                     | 2550.44                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/9/12   |                            | 314.39                     |                     | 2548.61                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 8/29/12  |                            | 318.12                     |                     | 2544.88                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 12/12/12 |                            | 317.48                     |                     | 2545.52                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 2/6/13   |                            | 313.90                     |                     | 2549.10                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/15/13  |                            | 313.79                     |                     | 2549.21                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 7/17/13  |                            | 316.52                     |                     | 2546.48                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/23/13 |                            | 319.19                     |                     | 2543.81                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 1/14/14  |                            | 319.38                     |                     | 2543.62                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/16/14  |                            | 317.82                     |                     | 2545.18                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/13/14 |                            | 330.96                     | Static <sup>2</sup> | 2532.04                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 1/13/15  |                            | 328.35                     | Static <sup>2</sup> | 2534.65                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/14/15  |                            | 331.47                     | Static <sup>2</sup> | 2531.53                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 7/27/15  |                            | 338.28                     | Static <sup>2</sup> | 2524.72                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/20/15 |                            | 342.55                     | Static <sup>2</sup> | 2520.45                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 1/20/16  |                            | 338.6                      | Static <sup>2</sup> | 2524.40                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/19/16  |                            | 339.68                     | Static <sup>2</sup> | 2523.32                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/28/16  |                            | 337.98                     | Static <sup>2</sup> | 2525.02                               | Clear Creek    |
|                   |                               |                                                                      |                                                                     |                                              | 8/22/16  |                            | 359.47                     | Static <sup>2</sup> | 2503.53                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/31/16 |                            | 349.00                     | Static <sup>2</sup> | 2514.00                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 1/17/17  |                            | 346.70                     | Static <sup>2</sup> | 2516.30                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/16/17  |                            | 344.80                     | Static <sup>2</sup> | 2518.20                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 350.90                     | Static <sup>2</sup> | 2512.10                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/24/17 |                            | 356.25                     | Static <sup>2</sup> | 2506.75                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 2/12/18  |                            | 353.80                     | Static <sup>2</sup> | 2509.20                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/15/18  |                            | 357.79                     | Static <sup>2</sup> | 2505.21                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 8/7/18   |                            | 360.48                     | Static <sup>2</sup> | 2502.52                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 11/28/18 |                            | 359.30                     | Static <sup>2</sup> | 2503.70                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 3/6/19   |                            | 355.42                     | Static <sup>2</sup> | 2507.58                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/24/19  |                            | 356.78                     | Static <sup>2</sup> | 2506.22                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 8/14/19  |                            | 361.18                     | Static <sup>2</sup> | 2501.82                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic  | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|---------------------|---------------------------------------|----------------|
| CW-10     | 207982                        | 3523259.064                                                          | 500975.215                                                          | 2868.50                                      | 12/4/06  |                            | 178.25                     |                     | 2690.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/3/07   |                            | 177.20                     |                     | 2691.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/07  |                            | 196.30                     |                     | 2672.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/10/07  |                            | 198.79                     |                     | 2669.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/2/07  |                            | 190.85                     |                     | 2677.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/8/08   |                            | 180.95                     |                     | 2687.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/17/08  |                            | 187.95                     |                     | 2680.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/08   |                            | 203.25                     |                     | 2665.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/08  |                            | 190.65                     |                     | 2677.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/6/09   |                            | 184.40                     |                     | 2684.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/22/09  |                            | 191.12                     |                     | 2677.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/30/09  |                            | 197.3                      |                     | 2671.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/5/09  |                            | 199.10                     |                     | 2669.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/10/10  |                            | 186.00                     |                     | 2682.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/10  |                            | 190.10                     |                     | 2678.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/27/10  |                            | 198.52                     |                     | 2669.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/14/10 |                            | 195.31                     |                     | 2673.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/11  |                            | 191.62                     |                     | 2676.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/11  |                            | 196.15                     |                     | 2672.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/11  |                            | 199.75                     |                     | 2668.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/14/11 |                            | 191.70                     |                     | 2676.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/24/12  |                            | 189.73                     |                     | 2678.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/9/12   |                            | 197.20                     |                     | 2671.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/12  |                            | 201.50                     |                     | 2667.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/12/12 |                            | 199.93                     |                     | 2668.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/6/13   |                            | 197.87                     |                     | 2670.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/13  |                            | 209.50                     |                     | 2659.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/17/13  |                            | 212.61                     |                     | 2655.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/23/13 |                            | 215.14                     |                     | 2653.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/14/14  |                            | 203.86                     |                     | 2664.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/16/14  |                            | 210.15                     |                     | 2658.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/22/14  |                            | 220.59                     | Static <sup>2</sup> | 2647.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/13/14 |                            | 223.99                     | Static <sup>2</sup> | 2644.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/13/15  |                            | 216.94                     | Static <sup>2</sup> | 2651.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/14/15  |                            | 230.95                     | Static <sup>2</sup> | 2637.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/27/15  |                            | 236.30                     | Static <sup>2</sup> | 2632.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/20/15 |                            | 224.82                     | Static <sup>2</sup> | 2643.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/20/16  |                            | 222.82                     | Static <sup>2</sup> | 2645.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/19/16  |                            | 226.81                     | Static <sup>2</sup> | 2641.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/22/16  |                            | 239.08                     | Dynamic             | 2629.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/31/16 |                            | 422.60                     | Dynamic             | 2445.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/17/17  |                            | 228.67                     | Static <sup>2</sup> | 2639.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/16/17  |                            | 234.00                     | Static <sup>2</sup> | 2634.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 238.45                     | Static <sup>2</sup> | 2630.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/17 |                            | 243.50                     | Static <sup>2</sup> | 2625.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/18  |                            | 239.57                     | Static <sup>2</sup> | 2628.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/18   |                            | 241.38                     | Static <sup>2</sup> | 2627.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/28/18 |                            | 231.25                     | Static <sup>2</sup> | 2637.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/6/19   |                            | 228.75                     | Static <sup>2</sup> | 2639.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/24/19  |                            | 235.90                     | Static <sup>2</sup> | 2632.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/14/19  |                            | 238.35                     | Static <sup>2</sup> | 2630.15                               | Sierrita       |

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**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date                 | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic  | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------------------|----------------------------|----------------------------|---------------------|---------------------------------------|----------------|
| CW-11     | 608518                        | 3531004.624                                                          | 502441.590                                                          | 2778.61                                      | 6/18/15              |                            | 318.58                     | Dynamic             | 2460.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/20/15             |                            | 286.51                     | Static <sup>2</sup> | 2492.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/19/16              |                            | 281.75                     | Static <sup>2</sup> | 2496.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/31/16             |                            | 289.5                      | Static <sup>2</sup> | 2489.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/17             |                            | 347.9                      | Static              | 2430.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/18              |                            | 341.00                     | Static              | 2437.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/28/18             |                            | 320.30                     | Static              | 2458.31                               | Sierrita       |
| ESP-1     | 623102                        | 3526448.677                                                          | 499969.682                                                          | 2953.43                                      | 4/24/19 <sup>4</sup> |                            | 293.50                     | Static              | 2485.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/28/06             |                            | 352.20                     |                     | 2601.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/3/07               |                            | 350.10                     |                     | 2603.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/07              |                            | 349.55                     |                     | 2603.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/10/07              |                            | 351.11                     |                     | 2602.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/12/07             |                            | 343.00                     |                     | 2610.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/30/08             |                            | 355.47                     |                     | 2597.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/09              |                            | 354                        |                     | 2599.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/16/09              |                            | 350.50                     |                     | 2602.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/10/09             |                            | 355.67                     |                     | 2597.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/10              |                            | 354.10                     |                     | 2599.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/15/10             |                            | 357.40                     |                     | 2596.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/3/11               |                            | 355.79                     |                     | 2597.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/22/11             |                            | 357.82                     |                     | 2595.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/13/11             |                            | 355.60                     |                     | 2597.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/19/12              |                            | 357.76                     |                     | 2595.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/21/12             |                            | 358.70                     |                     | 2594.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/20/13              |                            | 357.15                     |                     | 2596.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/14              |                            | Obstructed                 |                     | NA                                    | Sierrita       |

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**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| ESP-2     | 623103                        | 3526924.656                                                          | 500241.637                                                          | 2934.60                                      | 11/28/06 |                            | 342.55                     |                    | 2592.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/3/07   |                            | 343.10                     |                    | 2591.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/07  |                            | 339.90                     |                    | 2594.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/10/07  |                            | 341.25                     |                    | 2593.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/12/07 |                            | 342.26                     |                    | 2592.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/23/08  |                            | 340.40                     |                    | 2594.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/08  |                            | 340.93                     |                    | 2593.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/25/08  |                            | 342.30                     |                    | 2592.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/30/08 |                            | 344.82                     |                    | 2589.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/09  |                            | 395.16                     |                    | 2539.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/16/09  |                            | 341.45                     |                    | 2593.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/10/09 |                            | 346.50                     |                    | 2588.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/10  |                            | 343.99                     |                    | 2590.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/15/10 |                            | 347.33                     |                    | 2587.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/3/11   |                            | 345.44                     |                    | 2589.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/22/11 |                            | 347.26                     |                    | 2587.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/19/12  |                            | 346.84                     |                    | 2587.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/21/12 |                            | 348.11                     |                    | 2586.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/20/13  |                            | 348.45                     |                    | 2586.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/5/13  |                            | 362.28                     |                    | 2572.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 354.98                     |                    | 2579.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/14  |                            | 358.88                     |                    | 2575.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/6/14   |                            | 358.90                     |                    | 2575.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/23/14  |                            | 358.86                     |                    | 2575.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 365.59                     |                    | 2569.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 367.53                     |                    | 2567.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 368.29                     | Static             | 2566.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 369.45                     |                    | 2565.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 369.90                     |                    | 2564.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 370.22                     | Static             | 2564.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 370.43                     | Static             | 2564.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 370.56                     | Static             | 2564.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 376.27                     | Static             | 2558.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/15  |                            | 377.94                     | Static             | 2556.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/12/15  |                            | 378.70                     | Static             | 2555.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/21/15  |                            | 379.41                     | Static             | 2555.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/24/15  |                            | 382.81                     | Static             | 2551.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/14/15  |                            | 384.60                     | Static             | 2550.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/21/15 |                            | 382.96                     | Static             | 2551.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | 382.38                     | Static             | 2552.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/4/16   |                            | 384.44                     | Static             | 2550.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/9/16   |                            | 385.29                     | Static             | 2549.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/11/16  |                            | 385.93                     | Static             | 2548.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/7/16   |                            | 389.11                     | Static             | 2545.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/7/16   |                            | 391.55                     | Static             | 2543.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/4/16  |                            | 393.40                     | Static             | 2541.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/18/17  |                            | 394.70                     | Static             | 2539.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/17  |                            | 466.66                     | Dynamic            | 2467.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/17   |                            | 398.09                     | Static             | 2536.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/5/18   |                            | 402.48                     | Static             | 2532.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/10/18 |                            | 404.18                     | Static             | 2530.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/19  |                            | 401.30                     | Static             | 2533.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/12/19  |                            | 406.10                     | Static             | 2528.50                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| ESP-3     | 623104                        | 3527377.239                                                          | 500234.067                                                          | 2935.80                                      | 11/28/06 |                            | 360.40                     |                    | 2575.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/3/07   |                            | 358.60                     |                    | 2577.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/07  |                            | 355.85                     |                    | 2579.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/1/07   |                            | 358.05                     |                    | 2577.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/30/08 |                            | 361.12                     |                    | 2574.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/09  |                            | 410.05                     |                    | 2525.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/16/09  |                            | 353.20                     |                    | 2582.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/12/09 |                            | 363.37                     |                    | 2572.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/10  |                            | 361.69                     |                    | 2574.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/15/10 |                            | 365.00                     |                    | 2570.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/3/11   |                            | 363.35                     |                    | 2572.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/22/11 |                            | 364.91                     |                    | 2570.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/19/12  |                            | 364.50                     |                    | 2571.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/21/12 |                            | 357.92                     |                    | 2577.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/13  |                            | 356.23                     |                    | 2579.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/5/13  |                            | 367.84                     |                    | 2567.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/14  |                            | 374.61                     |                    | 2561.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 375.53                     | Static             | 2560.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/12/15  |                            | 393.85                     | Static             | 2541.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/21/15 |                            | 398.32                     | Static             | 2537.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/9/16   |                            | 400.51                     | Static             | 2535.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/7/16   |                            | 397.10                     | Static             | 2538.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/7/16   |                            | 406.68                     | Static             | 2529.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/4/16  |                            | 407.80                     | Static             | 2528.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/18/17  |                            | 408.95                     | Static             | 2526.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/17  |                            | 411.67                     | Static             | 2524.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/17   |                            | 413.30                     | Static             | 2522.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/17/17 |                            | 414.00                     | Static             | 2521.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/16/18  |                            | 413.65                     | Static             | 2522.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/5/18   |                            | 417.70                     | Static             | 2518.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/10/18 |                            | 420.90                     | Static             | 2514.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/19  |                            | 418.19                     | Static             | 2517.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/12/19  |                            | 422.70                     | Static             | 2513.10                               | Sierrita       |
| ESP-4     | 623105                        | 3526132.758                                                          | 499916.830                                                          | 2958.60                                      | 11/28/06 |                            | 349.20                     |                    | 2609.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/07  |                            | 348.30                     |                    | 2610.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/4/07   |                            | 346.90                     |                    | 2611.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/24/07  |                            | 348.80                     |                    | 2609.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/12/07 |                            | 352.41                     |                    | 2606.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/23/08  |                            | 349.65                     |                    | 2608.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/08  |                            | 350.39                     |                    | 2608.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/25/08  |                            | 352.13                     |                    | 2606.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/30/08 |                            | 355.42                     |                    | 2603.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/09  |                            | 352.50                     |                    | 2606.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/16/09  |                            | 356.87                     |                    | 2601.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/23/09 |                            | 355.64                     |                    | 2602.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/10  |                            | 351.56                     |                    | 2607.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/15/10 |                            | 358.16                     |                    | 2600.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/3/11   |                            | 355.65                     |                    | 2602.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/22/11 |                            | 356.91                     |                    | 2601.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/12/12 |                            | 358.92                     |                    | 2599.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/20/13  |                            | 363.95                     |                    | 2594.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/5/13  |                            | 362.37                     |                    | 2596.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/14  |                            | 372.14                     |                    | 2586.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 383.76                     | Static             | 2574.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/12/15  |                            | 393.63                     | Static             | 2564.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/19/15 |                            | 399.74                     | Static             | 2558.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/7/16   |                            | 411.20                     | Static             | 2547.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/4/16  |                            | 407.80                     | Static             | 2550.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/17  |                            | 411.60                     | Static             | 2547.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/17/17 |                            | 413.59                     | Static             | 2545.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/5/18   |                            | 415.25                     | Static             | 2543.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/10/18 |                            | 416.58                     | Static             | 2542.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/19  |                            | 413.29                     | Static             | 2545.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/12/19  |                            | 417.49                     | Static             | 2541.11                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| ESP-5     | 623106                        | 3527082.232                                                          | 502007.895                                                          | 2820.00                                      | 2/12/07  |                            | 219.50                     |                    | 2600.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/4/07   |                            | 217.75                     |                    | 2602.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/3/07   |                            | 224.60                     |                    | 2595.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/8/07  |                            | 228.42                     |                    | 2591.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/08  |                            | 222.00                     |                    | 2598.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/22/08  |                            | 220.08                     |                    | 2599.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/08   |                            | 225.88                     |                    | 2594.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/3/08  |                            | 228.92                     |                    | 2591.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/17/09  |                            | 221.89                     |                    | 2598.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/09   |                            | 224.10                     |                    | 2595.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/10  |                            | 223.28                     |                    | 2596.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/3/11   |                            | 224.15                     |                    | 2595.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/19/12  |                            | 229.73                     |                    | 2590.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/20/13  |                            | 230.08                     |                    | 2589.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/14  |                            | 232.72                     |                    | 2587.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/17/15  |                            | 241.10                     | Static             | 2578.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/24/15 |                            | 242.02                     | Static             | 2577.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/16  |                            | 243.73                     | Static             | 2576.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 244.10                     | Static             | 2575.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/8/17   |                            | 254.00                     | Static             | 2566.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/17 |                            | 254.82                     | Static             | 2565.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/18  |                            | 259.00                     | Static             | 2561.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/11/18 |                            | 255.80                     | Static             | 2564.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 254.20                     | Static             | 2565.80                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| FFS-1     | 221662                        | 3524105.489                                                          | 498321.6883                                                         | 3071.40                                      | 5/10/13  | 396.74                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/10/13  | 427.19                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14  |                            | 438.94                     | Dynamic            | 2632.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14  | 438.94                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14  |                            | 439.09                     | Dynamic            | 2632.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14  | 439.09                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/14  |                            | 379.85                     | Dynamic            | 2691.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/5/14   | 436.58                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/12/14  | 437.02                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/13/14  |                            | 446.91                     | Dynamic            | 2624.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 453.40                     | Dynamic            | 2618.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 453.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   |                            | 457.50                     | Dynamic            | 2613.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   | 457.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 455.90                     | Dynamic            | 2615.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 454.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 457.00                     | Dynamic            | 2614.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 457.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 457.80                     | Dynamic            | 2613.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 457.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 428.40                     | Static             | 2643.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 427.4                      |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 462.50                     | Static             | 2608.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 461.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 464.00                     | Dynamic            | 2607.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 463.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/4/15   |                            | 464.60                     | Dynamic            | 2606.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/3/15   |                            | 465.70                     | Dynamic            | 2605.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 432.05                     | Static             | 2639.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 431.60                     | Static             | 2639.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 431.55                     | Static             | 2639.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 467.05                     | Dynamic            | 2604.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/18/15  |                            | 470.50                     | Dynamic            | 2600.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 472.85                     | Dynamic            | 2598.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 473.70                     | Dynamic            | 2597.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 475.32                     | Dynamic            | 2596.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 474.00                     | Dynamic            | 2597.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 475.30                     | Dynamic            | 2596.10                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 475.80                     | Dynamic            | 2595.60                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 593.55                     | Dynamic            | 2477.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 479.10                     | Dynamic            | 2592.30                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/17/17  |                            | 481.15                     | Dynamic            | 2590.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 480.93                     | Dynamic            | 2590.47                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 481.22                     | Dynamic            | 2590.18                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 446.20                     | Static             | 2625.20                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 443.75                     | Static             | 2627.65                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 478.40                     | Dynamic            | 2593.00                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 476.35                     | Dynamic            | 2595.05                               | BW             |

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**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| FFS-2     | 221663                        | 3524699.036                                                          | 498316.6779                                                         | 3082.11                                      | 4/29/13  | 416.50                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/29/13  | 446.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14  |                            | 459.42                     | Dynamic            | 2622.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14  | 459.42                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14  |                            | 460.08                     | Dynamic            | 2622.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14  | 460.08                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 462.21                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/14  |                            | 462.21                     | Dynamic            | 2619.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/5/14   | 463.82                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/13/14  |                            | 468.92                     | Dynamic            | 2613.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/14  |                            | 444.00                     | Dynamic            | 2638.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 474.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   |                            | 476.75                     | Dynamic            | 2605.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   | 476.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 479.70                     | Dynamic            | 2602.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 479.03                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 480.80                     | Dynamic            | 2601.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 480.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 482.20                     | Dynamic            | 2599.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 482.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 453.20                     | Static             | 2628.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 452.53                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 487.37                     | Dynamic            | 2594.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 486.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 489.05                     | Dynamic            | 2593.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 488.38                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/4/15   |                            | 489.95                     | Dynamic            | 2592.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/3/15   |                            | 491.92                     | Dynamic            | 2590.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 491.90                     | Dynamic            | 2590.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 492.10                     | Dynamic            | 2590.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 491.50                     | Dynamic            | 2590.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 493.90                     | Dynamic            | 2588.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/18/15  |                            | 496.50                     | Dynamic            | 2585.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 499.60                     | Dynamic            | 2582.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 502.00                     | Dynamic            | 2580.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 500.65                     | Dynamic            | 2581.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 499.90                     | Dynamic            | 2582.21                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 502.45                     | Dynamic            | 2579.66                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 504.00                     | Dynamic            | 2578.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 506.40                     | Dynamic            | 2575.71                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/17/17  |                            | 505.74                     | Dynamic            | 2576.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 505.60                     | Dynamic            | 2576.51                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 505.50                     | Dynamic            | 2576.61                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 505.45                     | Dynamic            | 2576.66                               | BW             |



**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date                 | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------------------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| FFS-3     | 221664                        | 3525305.994                                                          | 498351.2089                                                         | 3083.90                                      | 4/20/13 <sup>1</sup> | 461.90                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/20/13              | 532.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14              |                            | 497.29                     | Dynamic            | 2586.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14              | 497.29                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14              |                            | 497.31                     | Dynamic            | 2586.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14              | 497.31                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14              | 497.98                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/14              |                            | 497.98                     | Dynamic            | 2585.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/5/14               | 499.18                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/13/14              |                            | 502.16                     | Dynamic            | 2581.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14              |                            | 508.87                     | Dynamic            | 2575.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14              | 508.87                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14               |                            | 509.68                     | Dynamic            | 2574.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14               | 509.68                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14               |                            | 511.70                     | Dynamic            | 2572.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14               | 510.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14              |                            | 513.10                     | Dynamic            | 2570.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14              | 513.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14              |                            | 514.25                     | Dynamic            | 2569.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14              | 514.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14              |                            | 497.80                     | Static             | 2586.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14              | 496.80                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14              |                            | 519.50                     | Dynamic            | 2564.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14              | 518.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14              |                            | 521.35                     | Dynamic            | 2562.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14              | 520.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/4/15               |                            | 523.10                     | Dynamic            | 2560.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/4/15               |                            | 522.10                     | Dynamic            | 2561.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/3/15               |                            | 524.05                     | Dynamic            | 2559.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15               |                            | 525.40                     | Dynamic            | 2558.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15               |                            | 526.95                     | Dynamic            | 2556.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15              |                            | 509.50                     | Static             | 2574.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15               |                            | 529.40                     | Dynamic            | 2554.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/18/15              |                            | 530.00                     | Dynamic            | 2553.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15              |                            | 530.70                     | Dynamic            | 2553.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15              |                            | 535.70                     | Dynamic            | 2548.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15              |                            | 538.30                     | Dynamic            | 2545.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16              |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16              |                            | 535.40                     | Dynamic            | 2548.50                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16               |                            | 540.22                     | Dynamic            | 2543.68                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/8/16               |                            | 541.65                     | Dynamic            | 2542.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16              |                            | 544.45                     | Dynamic            | 2539.45                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/17/17              |                            | 544.30                     | Dynamic            | 2539.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17              |                            | 547.00                     | Dynamic            | 2536.90                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17             |                            | 547.00                     | Dynamic            | 2536.90                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18              |                            | 546.90                     | Dynamic            | 2537.00                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18              |                            | 548.25                     | Dynamic            | 2535.65                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18             |                            | 548.20                     | Dynamic            | 2535.70                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19               |                            | 544.80                     | Dynamic            | 2539.10                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| FFS-4     | 221665                        | 3525933.902                                                          | 498355.0913                                                         | 3097.92                                      | 5/29/13  | 497.96                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/29/13  | 544.45                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14  |                            | 548.14                     | Dynamic            | 2549.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14  | 548.14                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14  |                            | 550.75                     | Dynamic            | 2547.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14  | 550.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 552.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/14  |                            | 552.10                     | Dynamic            | 2545.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/5/14   | 554.16                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/13/14  |                            | 559.71                     | Dynamic            | 2538.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 570.41                     | Dynamic            | 2527.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 570.41                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 572.45                     | Dynamic            | 2525.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 572.45                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 576.05                     | Dynamic            | 2521.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 574.88                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 578.25                     | Dynamic            | 2519.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 578.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 580.50                     | Dynamic            | 2517.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 580.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 529.75                     | Static             | 2568.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 528.58                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 595.40                     | Dynamic            | 2502.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 594.23                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 602.10                     | Dynamic            | 2495.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 600.93                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/4/15   |                            | 608.90                     | Dynamic            | 2489.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/3/15   |                            | 622.65                     | Dynamic            | 2475.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 661.30                     | Dynamic            | 2436.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 668.25                     | Dynamic            | 2429.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 541.42                     | Static             | 2556.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 541.73                     | Static             | 2556.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/18/15  |                            | 696.60                     | Dynamic            | 2401.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 694.80                     | Dynamic            | 2403.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 697.00                     | Dynamic            | 2400.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 698.85                     | Dynamic            | 2399.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 696.38                     | Dynamic            | 2401.54                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 693.48                     | Dynamic            | 2404.44                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/8/16   |                            | 693.95                     | Dynamic            | 2403.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 692.75                     | Dynamic            | 2405.17                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/17/17  |                            | 694.50                     | Dynamic            | 2403.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 692.00                     | Dynamic            | 2405.92                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 690.45                     | Dynamic            | 2407.47                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 231.10                     | Static             | 2866.82                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| FFS-5     | 221666                        | 3526763.99                                                           | 498336.5907                                                         | 3107.73                                      | 1/28/13  | 522.49                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/13  | 555.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/13/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/14  |                            | 554.32                     | Dynamic            | 2553.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/14  |                            | 554.32                     | Dynamic            | 2553.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/14  | 554.32                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/14  |                            | 563.67                     | Dynamic            | 2544.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/14  | 563.67                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 565.20                     | Dynamic            | 2542.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 565.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 566.80                     | Dynamic            | 2540.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 565.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 568.60                     | Dynamic            | 2539.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 568.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 569.80                     | Dynamic            | 2537.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 569.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 554.18                     | Static             | 2553.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 553.18                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 575.55                     | Dynamic            | 2532.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 574.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 577.65                     | Dynamic            | 2530.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 576.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/4/15   |                            | 579.20                     | Dynamic            | 2528.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/3/15   |                            | 581.00                     | Dynamic            | 2526.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 582.55                     | Dynamic            | 2525.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 584.00                     | Dynamic            | 2523.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 567.15                     | Static             | 2540.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 566.90                     | Static             | 2540.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/18/15  |                            | 588.00                     | Dynamic            | 2519.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 589.35                     | Dynamic            | 2518.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 590.10                     | Dynamic            | 2517.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 591.40                     | Dynamic            | 2516.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 591.58                     | Dynamic            | 2516.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 592.80                     | Dynamic            | 2514.93                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 593.15                     | Dynamic            | 2514.58                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/8/16   |                            | 594.05                     | Dynamic            | 2513.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 596.99                     | Dynamic            | 2510.74                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/17/17  |                            | 596.60                     | Dynamic            | 2511.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 597.10                     | Dynamic            | 2510.63                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 597.06                     | Dynamic            | 2510.67                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 585.01                     | Static             | 2522.72                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 585.45                     | Static             | 2522.28                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic  | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|---------------------|---------------------------------------|----------------|
| FFS-6     | 221667                        | 3527243.483                                                          | 498327.778                                                          | 3110.44                                      | 12/17/12 | 535.30                     |                            | Static              |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/17/12 | 549.40                     |                            | Dynamic             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14  |                            | 539.28                     | Dynamic             | 2571.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14  | 550.79                     |                            | Dynamic             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14  |                            | 552.04                     | Dynamic             | 2558.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14  | 552.04                     |                            | Dynamic             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 547.78                     |                            | Dynamic             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/14  |                            | 547.78                     | Dynamic             | 2562.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/5/14   | 554.68                     |                            | Dynamic             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 559.21                     | Dynamic             | 2551.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/14  |                            | 566.06                     | Dynamic             | 2544.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 566.06                     |                            | Dynamic             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 567.10                     | Dynamic             | 2543.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 567.10                     |                            | Dynamic             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 569.00                     | Dynamic             | 2541.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 568.04                     |                            | Dynamic             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 571.10                     | Dynamic             | 2539.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 571.10                     |                            | Dynamic             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 572.90                     | Dynamic             | 2537.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 572.90                     |                            | Dynamic             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 564.20                     | Static              | 2546.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 563.24                     |                            | Static              |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 577.80                     | Dynamic             | 2532.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 576.84                     |                            | Dynamic             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 578.62                     |                            | Dynamic             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/4/15   |                            | 581.40                     | Dynamic             | 2529.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/4/15   |                            | 582.15                     | Dynamic             | 2528.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/3/15   |                            | 583.40                     | Dynamic             | 2527.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 584.75                     | Dynamic             | 2525.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 585.70                     | Dynamic             | 2524.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 587.75                     | Dynamic             | 2522.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/18/15  |                            | 588.94                     | Dynamic             | 2521.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 590.60                     | Dynamic             | 2519.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 588.95                     | Dynamic             | 2521.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 592.80                     | Dynamic             | 2517.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 593.30                     | Dynamic             | 2517.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 594.60                     | Dynamic             | 2515.84                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 594.85                     | Dynamic             | 2515.59                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/8/16   |                            | 596.10                     | Dynamic             | 2514.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 600.45                     | Dynamic             | 2509.99                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/17/17  |                            | 603.10                     | Dynamic             | 2507.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 594.25                     | Static              | 2516.19                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/8/17  |                            | 594.79                     | Static              | 2515.65                               | Sierrita       |
| FICO C-4  | 624010                        | 3525383.746                                                          | 501759.635                                                          | 2836.19                                      | 6/19/15  |                            | 262.70                     | Dynamic             | 2573.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/24/15 |                            | UTM                        |                     | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/16  |                            | 235.80                     | Static              | 2600.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 251.14                     | Static              | 2585.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/17  |                            | 237.22                     | Static              | 2598.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/17/17 |                            | 239.72                     | Static <sup>2</sup> | 2596.47                               | Sierrita       |
| FICO E-6  | 624013                        | 3525168.902                                                          | 502425.07                                                           | 2841.16                                      | 5/22/19  |                            | 286.11                     | Dynamic             | 2550.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/19/15  |                            | 259.31                     | Dynamic             | 2581.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/24/15 |                            | 232.65                     | Static              | 2608.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/16  |                            | 260.00                     | Dynamic             | 2581.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 255.31                     | Dynamic             | 2585.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/17  |                            | 264.53                     | Dynamic             | 2576.63                               | Sierrita       |
| FICO E-7  | 624014                        | 3525678.894                                                          | 503163.562                                                          | 2832                                         | 11/17/17 |                            | 235.00                     | Static <sup>2</sup> | 2606.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/15/17  |                            | 237.78                     | Static              | 2594.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/6/17  |                            | 231.00                     | Static              | 2601.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/8/18   |                            | 241.93                     | Static              | 2590.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/29/18 |                            | 237.55                     | Static              | 2594.45                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name    | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic  | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|--------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|---------------------|---------------------------------------|----------------|
| FICO E-8     | 624015                        | 3525168.902                                                          | 502425.070                                                          | 2828                                         | 6/15/17  |                            | 240.80                     | Static              | 2587.20                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 12/6/17  |                            | 238.50                     | Static              | 2589.50                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 6/8/18   |                            | 243.41                     | Static              | 2584.59                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/29/18 |                            | 241.50                     | Static              | 2586.50                               | Sierrita       |
| FICO E-9     | 624016                        | 3521260.246                                                          | 500875.349                                                          | 2888                                         | 12/29/16 |                            | 174.60                     | Static              | 2713.40                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 6/15/17  |                            | 177.70                     | Static              | 2710.30                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 12/6/17  |                            | 174.60                     | Static              | 2713.40                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 6/8/18   |                            | 174.79                     | Static              | 2713.21                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/29/18 |                            | 174.57                     | Static              | 2713.43                               | Sierrita       |
| FICO S-25    | NR                            | 3533425.000                                                          | 502939.000                                                          | 2748                                         | 12/29/16 |                            | 145.92                     | Static              | 2602.08                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 6/15/17  |                            | 146.85                     | Static              | 2601.15                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 12/6/17  |                            | 146.57                     | Static              | 2601.43                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 6/8/18   |                            | 146.58                     | Static              | 2601.42                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/29/18 |                            | 144.85                     | Static              | 2603.15                               | Sierrita       |
| FICO S-25A   | 623985                        | 3533340.627                                                          | 502981.743                                                          | 2748                                         | 12/29/16 |                            | 166.35                     | Static              | 2581.65                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 6/15/17  |                            | 188.00                     | Dynamic             | 2560.00                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 12/6/17  |                            | 189.00                     | Static              | 2559.00                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/29/18 |                            | 251.40                     | Static              | 2496.60                               | Sierrita       |
| FICO W-9     | 624024                        | 3524132.883                                                          | 501269.296                                                          | 2851                                         | 6/15/17  |                            | 225.25                     | Static              | 2625.75                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 12/6/17  |                            | 221.52                     | Static              | 2629.48                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 6/8/18   |                            | 226.65                     | Static              | 2624.35                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/29/18 |                            | 223.65                     | Static              | 2627.35                               | Sierrita       |
| GV-01-GVDWID | 603428                        | 3522254.157                                                          | 499812.869                                                          | 2942.35                                      | 1/9/07   |                            | 221.00                     |                     | 2721.35                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/10/07  |                            | 218.11                     |                     | 2724.24                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 8/6/07   |                            | 231.00                     |                     | 2711.35                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/7/08   |                            | 221.50                     |                     | 2720.85                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/16/08  |                            | 225.50                     |                     | 2716.85                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/7/08   |                            | 231.00                     |                     | 2711.35                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/25/08 |                            | 228.00                     |                     | 2714.35                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 3/3/09   |                            | 220.50                     |                     | 2721.85                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/29/09  |                            | 201.9                      |                     | 2740.45                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/4/09  |                            | 232.80                     |                     | 2709.55                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/27/10  |                            | 224.80                     |                     | 2717.55                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/1/10   |                            | 227.12                     |                     | 2715.23                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/14/10 |                            | 233.00                     |                     | 2709.35                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 3/18/11  |                            | 224.00                     |                     | 2718.35                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/28/11  |                            | 231.00                     |                     | 2711.35                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 12/7/11  |                            | 233.20                     |                     | 2709.15                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 3/14/12  |                            | 234.25                     |                     | 2708.10                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 6/7/12   |                            | 242.28                     |                     | 2700.07                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 8/29/12  |                            | 231.00                     |                     | 2711.35                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/15/12 |                            | 239.00                     |                     | 2703.35                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/29/13  |                            | 238.61                     |                     | 2703.74                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 5/16/13  |                            | 254.09                     |                     | 2688.26                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/11/13  |                            | 248.19                     |                     | 2694.16                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/21/14  |                            | 229.00                     |                     | 2713.35                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/14/14 |                            | 257.60                     | Static              | 2684.75                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/12/15  |                            | 255.60                     | Static <sup>2</sup> | 2686.75                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/22/15  |                            | 261.03                     | Static <sup>2</sup> | 2681.32                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/21/15 |                            | 354.60                     | Dynamic             | 2587.75                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/19/16  |                            | 257.60                     | Static <sup>2</sup> | 2684.75                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/20/16  |                            | 260.50                     | Static <sup>2</sup> | 2681.85                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 8/24/16  |                            | 352.10                     | Dynamic             | 2590.25                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/3/16  |                            | 261.00                     | Static <sup>2</sup> | 2681.35                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/19/17  |                            | 257.00                     | Static <sup>2</sup> | 2685.35                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 5/15/17  |                            | 258.25                     | Static <sup>2</sup> | 2684.10                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/13/17  |                            | 264.20                     | Static <sup>2</sup> | 2678.15                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 267.43                     | Static <sup>2</sup> | 2674.92                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 2/13/18  |                            | 255.82                     | Static <sup>2</sup> | 2686.53                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 8/15/18  |                            | 265.42                     | Static <sup>2</sup> | 2676.93                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/28/18 |                            | 259.31                     | Static <sup>2</sup> | 2683.04                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 3/7/19   |                            | 255.00                     | Static <sup>2</sup> | 2687.35                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/25/19  |                            | 262.35                     | Static <sup>2</sup> | 2680.00                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/30/19  |                            | 265.21                     | Static <sup>2</sup> | 2677.14                               | Sierrita       |

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**Compilation of Groundwater Elevation Data**

| Well Name    | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic  | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|--------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|---------------------|---------------------------------------|----------------|
| GV-01-PCWW   | 509603                        | 3529924.983                                                          | 502867.776                                                          | 2789.65                                      | 4/2/15   |                            | 176.50                     | Static              | 2613.15                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/20/15 |                            | 176.70                     | Static              | 2612.95                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/21/16  |                            | 176.60                     | Static              | 2613.05                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/20/16 |                            | 176.40                     | Static              | 2613.25                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/20/17  |                            | 176.85                     | Static              | 2612.80                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/18/17 |                            | 176.55                     | Static              | 2613.10                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/19/18  |                            | 176.60                     | Static              | 2613.05                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/3/18  |                            | 177.00                     | Static              | 2612.65                               | Sierrita       |
| GV-02-GVDWID | 603429                        | 3521654.457                                                          | 499786.207                                                          | 2930.47                                      | 4/18/19  |                            | 176.50                     | Static              | 2613.15                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/9/07   |                            | 185.30                     |                     | 2745.17                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/10/07  |                            | 187.10                     |                     | 2743.37                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/11/07  |                            | 200.45                     |                     | 2730.02                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/3/07  |                            | 199.33                     |                     | 2731.14                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/7/08   |                            | 190.62                     |                     | 2739.85                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/16/08  |                            | 194.95                     |                     | 2735.52                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/7/08   |                            | 201.05                     |                     | 2729.42                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/25/08 |                            | 199.58                     |                     | 2730.89                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 2/4/09   |                            | 192.88                     |                     | 2737.59                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/29/09  |                            | 231.9                      |                     | 2698.57                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/4/09  |                            | 203.50                     |                     | 2726.97                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/27/10  |                            | 195.15                     |                     | 2735.32                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/1/10   |                            | 197.10                     |                     | 2733.37                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/28/10  |                            | 202.76                     |                     | 2727.71                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/14/10 |                            | 204.55                     |                     | 2725.92                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/20/11  |                            | 198.88                     |                     | 2731.59                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/28/11  |                            | 204.77                     |                     | 2725.70                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/20/11  |                            | 206.14                     |                     | 2724.33                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 12/7/11  |                            | 204.43                     |                     | 2726.04                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 3/14/12  |                            | 204.35                     |                     | 2726.12                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 6/7/12   |                            | 211.76                     |                     | 2718.71                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 8/29/12  |                            | 219.00                     |                     | 2711.47                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/15/12 |                            | 214.51                     |                     | 2715.96                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/29/13  |                            | 209.49                     |                     | 2720.98                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 5/16/13  |                            | 219.48                     |                     | 2710.99                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/11/13  |                            | 220.75                     |                     | 2709.72                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/10/14  |                            | 221.29                     |                     | 2709.18                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/14/14 |                            | 229.70                     | Static              | 2700.77                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/12/15  |                            | 221.90                     | Static <sup>2</sup> | 2708.57                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/15/15  |                            | 223.10                     | Static <sup>2</sup> | 2707.37                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/21/15 |                            | 229.80                     | Static <sup>2</sup> | 2700.67                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/19/16  |                            | UTM                        |                     | NA                                    | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/20/16  |                            | 233.00                     | Static <sup>2</sup> | 2697.47                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 8/24/16  |                            | 246.00                     | Static              | 2684.47                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/3/16  |                            | 254.00                     | Static              | 2676.47                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/19/17  |                            | 248.00                     | Static              | 2682.47                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 5/15/17  |                            | 248.00                     | Static              | 2682.47                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/13/17  |                            | 248.00                     | Static              | 2682.47                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 248.00                     | Static              | 2682.47                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 2/13/18  |                            | 219.80                     | Static              | 2710.67                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 8/15/18  |                            | 228.42                     | Static <sup>2</sup> | 2702.05                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/28/18 |                            | 223.90                     | Static <sup>2</sup> | 2706.57                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 3/7/19   |                            | 218.75                     | Static <sup>2</sup> | 2711.72                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/25/19  |                            | 224.07                     | Static <sup>2</sup> | 2706.40                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/30/19  |                            | 231.02                     | Static <sup>2</sup> | 2699.45                               | Sierrita       |
| GV-02-PCWW   | 509604                        | 3530219.769                                                          | 502678.593                                                          | 2775.42                                      | 4/2/15   |                            | 164.30                     | Static              | 2611.12                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/20/15 |                            | 164.20                     | Static              | 2611.22                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/21/16  |                            | 164.10                     | Static              | 2611.32                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/20/16 |                            | 164.10                     | Static              | 2611.32                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 5/8/17   |                            | 165.80                     | Static              | 2609.62                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/18/17 |                            | 164.20                     | Static              | 2611.22                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/30/18  |                            | 164.20                     | Static              | 2611.22                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/3/18  |                            | 164.70                     | Static              | 2610.72                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/18/19  |                            | 164.20                     | Static              | 2611.22                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name    | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|--------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| GV-SI-GVDWID | 208825                        | 3519509.930                                                          | 497227.175                                                          | 3042.65                                      | 1/9/07   |                            | 237.50                     |                    | 2805.15                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/10/07  |                            | 238.55                     |                    | 2804.10                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 8/6/07   |                            | 240.31                     |                    | 2802.34                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/3/07  |                            | 244.40                     |                    | 2798.25                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/7/08   |                            | 237.75                     |                    | 2804.90                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/16/08  |                            | 247.55                     |                    | 2795.10                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 8/14/08  |                            | 245.50                     |                    | 2797.15                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/6/08  |                            | 246.00                     |                    | 2796.65                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 2/4/09   |                            | 247.46                     |                    | 2795.19                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/1/10   |                            | 247.60                     |                    | 2795.05                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/28/11  |                            | 257.00                     |                    | 2785.65                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 6/20/12  |                            | 257.92                     |                    | 2784.73                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 5/16/13  |                            | 267.53                     |                    | 2775.12                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/15/15  |                            | 274.38                     |                    | 2768.27                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/21/15 |                            | 269.46                     |                    | 2773.19                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/20/16  |                            | 277.00                     |                    | 2765.65                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/3/16  |                            | 267.00                     |                    | 2775.65                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 5/31/17  |                            | 276.80                     |                    | 2765.85                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 263.85                     |                    | 2778.80                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/28/18 |                            | 261.40                     |                    | 2781.25                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/25/19  |                            | 263.50                     |                    | 2779.15                               | Sierrita       |
| HAVEN GOLF   | 515867                        | 3526386.069                                                          | 501651.035                                                          | ND                                           | 5/29/12  |                            | 220.00                     |                    | NA                                    | Sierrita       |
| I-10         | 608525                        | 3528469.536                                                          | 497797.957                                                          | 3210.58                                      | 1/15/07  |                            | 655.89                     |                    | 2554.69                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/16/07  |                            | 630.00                     |                    | 2580.58                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/10/07  |                            | 656.00                     |                    | 2554.58                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 1/8/08   |                            | 659.58                     |                    | 2551.00                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/14/08  |                            | 658.80                     |                    | 2551.78                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 7/21/08  |                            | 657.10                     |                    | 2553.48                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 660.82                     |                    | 2549.76                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 5/12/09  |                            | 660.80                     |                    | 2549.78                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 6/15/12  |                            | 662.39                     |                    | 2548.19                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 6/11/13  |                            | 661.26                     |                    | 2549.32                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 4/30/14  |                            | 668.91                     | Dynamic            | 2541.67                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 9/11/14  |                            | 670.20                     |                    | 2540.38                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 5/14/15  |                            | 687.57                     | Static             | 2523.01                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/18/15 |                            | 695.41                     | Static             | 2515.17                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 6/23/16  |                            | 699.03                     | Static             | 2511.55                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 702.30                     | Static             | 2508.28                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 5/17/17  |                            | 704.70                     | Static             | 2505.88                               | Sierrita       |
|              |                               |                                                                      |                                                                     |                                              | 11/9/17  |                            | 710.50                     | Static             | 2500.08                               | Sierrita       |
| I-12         | 608523                        | 3528578.621                                                          | 498110.598                                                          | 3328.76                                      | 5/22/19  |                            | 827.12                     | Static             | 2501.64                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-1      | 623129                        | 3521277.779                                                          | 496905.892                                                          | 3144.69                                      | 1/14/06  | 379.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/20/06  | 380.29                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 379.27                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 379.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 383.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 383.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 382.53                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 383.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 382.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/21/06 | 381.32                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/11/06 | 383.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 |                            | 360.95                     |                    | 2783.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 360.95                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/25/07  | 385.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  |                            | 386.70                     |                    | 2757.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 386.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/17/07  | 388.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 390.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/07  | 391.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/26/07  | 394.05                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 402.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/19/07 |                            | 399.90                     |                    | 2744.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/29/07 | 402.45                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  |                            | 400.45                     |                    | 2744.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 400.45                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/29/08  | 400.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/08  | 398.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/7/08   |                            | 398.90                     |                    | 2745.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/27/08  | 402.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/08  | 405.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 405.85                     |                    | 2738.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 405.85                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 404.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 404.44                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 404.80                     |                    | 2739.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 404.08                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/21/09  |                            | 400                        |                    | 2744.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 370.50                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 370.50                     |                    | 2774.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 397.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 396.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 394.45                     |                    | 2750.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 370.98                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/11  | 370.92                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 392.80                     |                    | 2751.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 392.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/11  | 391.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 372.75                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 369.54                     |                            | Static             |                                       | BW, 2015a      |



**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-1      | 623129                        | 3521277.779                                                          | 496905.892                                                          | 3144.69                                      | 12/29/11 | 439.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 440.54                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 369.94                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/30/12  | 438.73                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/21/12  |                            | 438.48                     |                    | 2706.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/12  | 438.48                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  | 380.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 431.11                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/21/12  | 379.84                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/28/12  | 442.81                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/25/12 | 382.39                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/12 | 442.71                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 439.81                     | Dynamic            | 2704.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/13  | 384.67                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 443.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 384.56                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 444.16                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/31/13 | 391.01                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 472.29                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 391.38                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 461.65                     | Dynamic            | 2683.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 461.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  |                            | 392.49                     | Dynamic            | 2752.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 392.49                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/25/14  |                            | 393.89                     | Dynamic            | 2750.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 393.89                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   |                            | 445.60                     | Dynamic            | 2699.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   | 445.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 387.90                     | Dynamic            | 2756.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 387.19                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 441.90                     | Dynamic            | 2702.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 441.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 383.00                     | Dynamic            | 2761.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 383.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 445.50                     | Dynamic            | 2699.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 444.79                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 443.90                     | Dynamic            | 2700.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 443.19                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 446.60                     | Dynamic            | 2698.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 445.89                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 443.90                     | Dynamic            | 2700.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 382.95                     | Static             | 2761.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 442.50                     | Dynamic            | 2702.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 442.15                     | Dynamic            | 2702.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 444.25                     | Dynamic            | 2700.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 444.15                     | Dynamic            | 2700.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 391.10                     | Static             | 2753.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 449.05                     | Dynamic            | 2695.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 385.30                     | Static             | 2759.39                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 440.20                     | Dynamic            | 2704.49                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 441.70                     | Dynamic            | 2702.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 437.30                     | Dynamic            | 2707.39                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/20/17  |                            | 434.20                     | Dynamic            | 2710.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 381.25                     | Static             | 2763.44                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 429.65                     | Dynamic            | 2715.04                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 364.55                     | Static             | 2780.14                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 442.50                     | Dynamic            | 2702.19                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 385.10                     | Static             | 2759.59                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 378.90                     | Static             | 2765.79                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-2      | 623130                        | 3521360.552                                                          | 497485.462                                                          | 3098.29                                      | 12/16/06 |                            | 404.30                     |                    | 2693.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  |                            | 406.80                     |                    | 2691.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/4/07   |                            | 344.00                     |                    | 2754.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/07  |                            | 381.00                     |                    | 2717.29                               | Sierrita       |
| IW-2A     | 216464                        | 3521337.953                                                          | 497469.228                                                          | 3112.28                                      | 2/5/08   | 351.52                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/5/08   | 392.32                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/08  | 412.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/25/08  |                            | 412.90                     |                    | 2699.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 412.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 358.20                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 358.80                     |                    | 2753.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 410.18                     |                    | 2702.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 396.82                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/11  | 358.88                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 394.91                     |                    | 2717.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 394.91                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/11  | 395.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 361.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 398.38                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 404.13                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 404.22                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 365.63                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/21/12  |                            | 404.32                     |                    | 2707.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/12  | 404.32                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/21/12  | 369.52                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/28/12  | 417.08                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/25/12 | 374.18                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/12 | 423.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 370.91                     | Dynamic            | 2741.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/13  | 376.98                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 424.16                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 376.86                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 424.21                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/31/13 | 383.28                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 425.78                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 382.12                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 439.64                     | Dynamic            | 2672.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 439.64                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  |                            | 384.22                     | Dynamic            | 2728.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 384.22                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/25/14  |                            | 440.29                     | Dynamic            | 2671.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 440.29                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | 384.28                     | Dynamic            | 2728.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 440.37                     | Dynamic            | 2671.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 440.37                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 429.35                     | Dynamic            | 2682.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 429.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 379.90                     | Dynamic            | 2732.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 379.44                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 423.50                     | Dynamic            | 2688.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 423.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 377.70                     | Dynamic            | 2734.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 377.70                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 377.60                     | Dynamic            | 2734.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 377.14                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 420.10                     | Dynamic            | 2692.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 419.64                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 422.20                     | Dynamic            | 2690.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 412.00                     | Dynamic            | 2700.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 413.80                     | Dynamic            | 2698.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 410.00                     | Dynamic            | 2702.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 412.50                     | Dynamic            | 2699.78                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-2A     | 216464                        | 3521337.953                                                          | 497469.228                                                          | 3112.28                                      | 10/7/15  |                            | 411.90                     | Dynamic            | 2700.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 408.90                     | Dynamic            | 2703.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 380.90                     | Static             | 2731.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 408.50                     | Dynamic            | 2703.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 375.30                     | Static             | 2736.98                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 414.30                     | Dynamic            | 2697.98                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 397.20                     | Dynamic            | 2715.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 424.30                     | Dynamic            | 2687.98                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/19/17  |                            | 365.33                     | Static             | 2746.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 366.85                     | Static             | 2745.43                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 357.50                     | Static             | 2754.78                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 411.50                     | Dynamic            | 2700.78                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 404.80                     | Dynamic            | 2707.48                               | BW             |
| IW-3A     | 201732                        | 3521723.533                                                          | 497380.342                                                          | 3121.45                                      | 11/26/18 |                            | 370.10                     | Static             | 2742.18                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 370.20                     | Static             | 2742.08                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 1/14/06  | 410.83                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/20/06  | 408.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 410.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 401.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 391.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 385.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 379.42                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 369.11                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/21/06 | 432.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/11/06 | 431.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/5/06  |                            | 431.80                     |                    | 2689.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/25/07  | 431.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 440.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/17/07  | 440.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 439.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/07  | 436.22                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/26/07  | 436.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/07  |                            | 381.50                     |                    | 2739.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 430.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/19/07 |                            | 427.80                     |                    | 2693.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/29/07 | 427.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  |                            | 425.60                     |                    | 2695.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 425.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/29/08  | 423.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/25/08  |                            | 421.30                     |                    | 2700.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 421.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/08  | 425.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 420.90                     |                    | 2700.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 420.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 413.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 414.22                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 141.50                     |                    | 2979.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 414.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 413.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 410.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 420.23                     |                    | 2701.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 402.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/11  | 378.58                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 413.40                     |                    | 2708.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 413.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/11  | 415.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 377.59                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 416.08                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 419.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 419.34                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 381.70                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/30/12  | 409.57                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/20/12  |                            | 401.37                     |                    | 2720.08                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-3A     | 201732                        | 3521723.533                                                          | 497380.342                                                          | 3121.45                                      | 6/27/12  | 383.95                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 429.81                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/21/12  | 388.48                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/28/12  | 449.48                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/25/12 | 394.88                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/12 | 450.08                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/13  |                            | 449.56                     | Dynamic            | 2671.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/13  | 398.14                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 451.92                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 397.74                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 452.32                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/30/13 | 410.79                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 453.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 409.38                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 455.66                     | Dynamic            | 2665.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 455.66                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  |                            | 408.59                     | Static             | 2712.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 408.59                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/25/14  |                            | 454.96                     | Dynamic            | 2666.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 454.96                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | 403.99                     | Dynamic            | 2717.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 454.72                     | Dynamic            | 2666.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 454.72                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 446.10                     | Dynamic            | 2675.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 446.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 398.60                     | Static             | 2722.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 397.89                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 441.40                     | Dynamic            | 2680.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 441.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 394.90                     | Static             | 2726.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 394.90                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 451.05                     | Dynamic            | 2670.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 450.34                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 442.75                     | Dynamic            | 2678.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 442.04                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 446.10                     | Dynamic            | 2675.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 440.60                     | Dynamic            | 2680.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 444.80                     | Dynamic            | 2676.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 441.00                     | Dynamic            | 2680.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 444.20                     | Dynamic            | 2677.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 444.65                     | Dynamic            | 2676.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 442.65                     | Dynamic            | 2678.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 402.55                     | Static             | 2718.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 435.90                     | Dynamic            | 2685.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 387.50                     | Static             | 2733.95                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 381.95                     | Static             | 2739.50                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 372.45                     | Static             | 2749.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 367.25                     | Static             | 2754.20                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/20/17  |                            | 472.08                     | Dynamic            | 2649.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 374.90                     | Static             | 2746.55                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 378.30                     | Static             | 2743.15                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 458.20                     | Dynamic            | 2663.25                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 388.80                     | Static             | 2732.65                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 386.25                     | Static             | 2735.20                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-4      | 623132                        | 3522465.879                                                          | 497371.700                                                          | 3137.06                                      | 1/14/06  | 495.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/20/06  | 419.27                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 385.75                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 424.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 419.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 420.36                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 422.05                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 420.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 417.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/21/06 | 415.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/10/06 | 417.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 416.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/17/07  | 379.65                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  |                            | 417.70                     |                    | 2719.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 417.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/19/07  | 417.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 422.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/29/07  | 423.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/26/07  | 424.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/21/07  |                            | 425.30                     |                    | 2711.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/21/07  | 425.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 427.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/19/07 |                            | 428.90                     |                    | 2708.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/28/07 | 434.05                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/19/08  |                            | 433.70                     |                    | 2703.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 433.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/29/08  | 437.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/21/08  |                            | 441.90                     |                    | 2695.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 441.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 409.22                     |                    | 2727.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 409.22                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 448.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 449.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 452.10                     |                    | 2684.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 452.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/21/09  |                            | 453                        |                    | 2684.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 383.20                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 383.20                     |                    | 2753.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 455.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/21/09 | 421.50                     |                            |                    |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 419.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 420.70                     |                    | 2716.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/11  | 426.33                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/11  | 377.11                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 414.25                     |                    | 2722.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 414.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/11  | 409.23                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 379.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 406.05                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 407.19                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 409.42                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 381.88                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/30/12  | 408.98                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/21/12  |                            | 402.19                     |                    | 2734.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/12  | 402.19                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  | 386.94                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/21/12  | 388.60                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/28/12  | 403.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/25/12 | 388.42                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/12 | 408.98                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 402.34                     | Dynamic            | 2734.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/13  | 390.86                     |                            | Static             |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-4      | 623132                        | 3522465.879                                                          | 497371.7                                                            | 3137.06                                      | 7/31/13  | 411.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 390.61                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 410.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/30/13 | 394.62                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 414.08                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 393.74                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 410.69                     | Dynamic            | 2726.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 410.69                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  |                            | 393.32                     | Static             | 2743.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 393.32                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/25/14  |                            | 410.27                     | Dynamic            | 2726.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 410.27                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | 390.98                     | Dynamic            | 2746.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 410.30                     | Dynamic            | 2726.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 410.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 408.10                     | Dynamic            | 2728.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 408.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 388.15                     | Static             | 2748.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 387.44                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 427.20                     | Dynamic            | 2709.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 427.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 388.20                     | Static             | 2748.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 388.20                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | Insufficient Flow          |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 426.05                     | Dynamic            | 2711.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 425.34                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 424.10                     | Dynamic            | 2712.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 385.05                     | Static             | 2752.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 388.90                     | Static             | 2748.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 422.10                     | Dynamic            | 2714.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 390.88                     | Static             | 2746.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 392.20                     | Static             | 2744.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 391.00                     | Static             | 2746.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 430.30                     | Dynamic            | 2706.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 385.90                     | Static             | 2751.16                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 419.10                     | Dynamic            | 2717.96                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 380.50                     | Static             | 2756.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 377.00                     | Static             | 2760.06                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/19/17  |                            | 374.60                     | Static             | 2762.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 378.00                     | Static             | 2759.06                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 369.60                     | Static             | 2767.46                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 372.10                     | Static             | 2764.96                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 440.20                     | Dynamic            | 2696.86                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 374.95                     | Static             | 2762.11                               | BW             |
| IW-5      | 623133                        | 3522814.850                                                          | 497369.528                                                          | 3137.65                                      | 5/7/19   |                            | 362.80                     | Static             | 2774.26                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 375.90                     |                    | 2761.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 430.60                     |                    | 2707.05                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-5A     | 219131                        | 3522723.000                                                          | 497442.700                                                          | 3091.47                                      | 8/18/10  | 413.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/18/10  | 377.50                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/11  | 377.25                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/11  | 416.52                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 379.31                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 383.44                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 421.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 421.04                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 380.65                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/29/12  | 426.14                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  |                            | 468.65                     |                    | 2622.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  | 468.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 452.38                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/21/12  | 388.09                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/25/12 | 389.56                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/27/12 | 512.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 514.20                     | Dynamic            | 2577.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/13  | 388.89                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 514.18                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 388.64                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 514.02                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/30/13 | 392.27                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 516.11                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 390.72                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 531.51                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/14  |                            | 531.51                     | Dynamic            | 2559.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  |                            | 390.02                     | Static             | 2701.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 390.02                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/24/14  |                            | Obstructed                 |                    |                                       | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | 389.58                     | Dynamic            | 2701.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 511.90                     | Dynamic            | 2579.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 511.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 621.00                     | Dynamic            | 2470.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 621.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 387.80                     | Static             | 2703.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 387.30                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 387.30                     | Static             | 2704.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 387.30                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 386.30                     | Static             | 2705.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 386.30                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 386.75                     | Static             | 2704.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 386.25                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 389.10                     | Static             | 2702.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 388.60                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 389.80                     | Static             | 2701.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 388.75                     | Static             | 2702.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 390.00                     | Static             | 2701.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 390.05                     | Static             | 2701.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 391.80                     | Static             | 2699.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 392.05                     | Static             | 2699.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 391.20                     | Static             | 2700.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 392.80                     | Static             | 2698.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 392.65                     | Static             | 2698.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 389.90                     | Static             | 2701.57                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 388.12                     | Static             | 2703.35                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 386.30                     | Static             | 2705.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 381.03                     | Static             | 2710.44                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/19/17  |                            | 385.85                     | Static             | 2705.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 383.75                     | Static             | 2707.72                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 379.55                     | Static             | 2711.92                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 379.60                     | Static             | 2711.87                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 380.75                     | Static             | 2710.72                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 382.50                     | Static             | 2708.97                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 377.30                     | Static             | 2714.17                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-6A     | 545565                        | 3523708.756                                                          | 497381.226                                                          | 3132.26                                      | 1/14/06  | 415.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/20/06  | 409.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 424.68                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 422.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 410.09                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 407.04                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 412.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 412.98                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 413.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/20/06 | 438.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/11/06 | 425.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/15/06 |                            | 425.00                     |                    | 2707.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 433.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/07  | 432.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  |                            | 433.60                     |                    | 2698.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 433.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/17/07  | 432.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 430.33                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/29/07  | 433.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/22/07  | 431.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/07  |                            | 432.28                     |                    | 2699.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 433.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/17/07 |                            | 433.35                     |                    | 2698.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/29/07 | 421.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  |                            | 416.90                     |                    | 2715.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 416.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/29/08  | 415.85                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/22/08  |                            | 415.45                     |                    | 2716.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 415.45                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 416.82                     |                    | 2715.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 416.82                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 418.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 419.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 419.33                     |                    | 2712.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 419.33                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/09  |                            | 418                        |                    | 2714.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 387.30                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 387.30                     |                    | 2744.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 417.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 415.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 384.70                     |                    | 2747.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 408.45                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/11  | 383.52                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 410.61                     |                    | 2721.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 410.61                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/29/11  | 411.24                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 384.23                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 411.45                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 388.75                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 413.41                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  |                            | 419.75                     |                    | 2712.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  | 419.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 429.91                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/26/12  | 435.34                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/25/12 | 400.84                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/27/12 | 436.72                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 433.21                     |                    | 2699.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/13  | 404.24                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 439.11                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 404.22                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 439.14                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/29/13 | 406.02                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 440.29                     |                            | Dynamic            |                                       | BW, 2015a      |



**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-6A     | 545565                        | 3523708.756                                                          | 497381.226                                                          | 3132.26                                      | 12/9/13  | 405.19                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 435.59                     | Dynamic            | 2696.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 435.64                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  |                            | 407.02                     | Static             | 2725.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 407.02                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/24/14  |                            | 432.16                     | Dynamic            | 2700.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 432.16                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | 408.39                     | Dynamic            | 2723.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 431.90                     | Dynamic            | 2700.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 431.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 435.40                     | Dynamic            | 2696.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 435.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   |                            | 435.40                     | Dynamic            | 2696.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   | 434.98                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 438.80                     | Dynamic            | 2693.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 438.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 403.40                     | Static             | 2728.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 403.40                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 435.70                     | Dynamic            | 2696.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 435.28                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 436.00                     | Dynamic            | 2696.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 435.58                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 436.00                     | Dynamic            | 2696.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 404.30                     | Static             | 2727.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 403.80                     | Static             | 2728.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 403.80                     | Static             | 2728.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/18/15  |                            | 407.30                     | Static             | 2724.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 410.60                     | Static             | 2721.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 413.30                     | Static             | 2718.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 413.80                     | Static             | 2718.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 410.60                     | Static             | 2721.66                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 410.10                     | Static             | 2722.16                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 409.55                     | Static             | 2722.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 406.30                     | Static             | 2725.96                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 412.91                     | Static             | 2719.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 410.28                     | Static             | 2721.98                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 405.85                     | Static             | 2726.41                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 401.50                     | Static             | 2730.76                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 400.35                     | Static             | 2731.91                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 401.90                     | Static             | 2730.36                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 398.85                     | Static             | 2733.41                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-8      | 508236                        | 3522020.520                                                          | 497368.253                                                          | 3122.19                                      | 1/14/06  | 462.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/20/06  | 456.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 461.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 460.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 460.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 465.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/19/06 | 359.29                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/19/06 | 386.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 435.88                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/19/07  | 428.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  |                            | 434.05                     |                    | 2688.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 434.05                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/17/07  | 437.37                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 444.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/07  | 440.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/26/07  | 442.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/07  |                            | 438.75                     |                    | 2683.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 439.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/19/07 |                            | 436.80                     |                    | 2685.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/29/07 | 435.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  |                            | 437.25                     |                    | 2684.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 437.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/29/08  | 436.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/08  | 455.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/25/08  |                            | 436.70                     |                    | 2685.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 436.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 437.00                     |                    | 2685.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 437.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 436.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 436.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 436.92                     |                    | 2685.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 436.92                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/21/09  |                            | 439                        |                    | 2683.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 377.80                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 377.80                     |                    | 2744.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 438.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 436.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 438.36                     |                    | 2683.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/11  | 435.58                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/11  | 374.08                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 430.52                     |                    | 2691.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 430.52                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/11  | 432.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 378.15                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 434.14                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 435.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 437.51                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 381.39                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/30/12  | 437.32                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/21/12  |                            | 438.67                     |                    | 2683.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/12  | 438.69                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  | 386.50                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 441.33                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/21/12  | 384.85                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/28/12  | 385.39                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/25/12 | 385.68                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/12 | 386.97                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/13  |                            | 379.15                     | Dynamic            | 2743.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/13  | 388.58                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 390.25                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 387.34                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 391.14                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 392.23                     |                            | Static             |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-8      | 508236                        | 3522020.520                                                          | 497368.253                                                          | 3122.19                                      | 12/9/13  | 401.69                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 466.20                     | Dynamic            | 2655.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 466.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  |                            | 400.57                     | Dynamic            | 2721.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 400.57                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/25/14  |                            | 392.79                     | Dynamic            | 2729.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 392.79                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 391.10                     | Dynamic            | 2731.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 390.60                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 459.90                     | Dynamic            | 2662.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 459.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 389.20                     | Static             | 2732.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 389.20                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 452.30                     | Dynamic            | 2669.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 451.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 446.40                     | Dynamic            | 2675.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 445.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 449.00                     | Dynamic            | 2673.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 443.55                     | Dynamic            | 2678.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 446.95                     | Dynamic            | 2675.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 444.60                     | Dynamic            | 2677.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 447.78                     | Dynamic            | 2674.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 443.75                     | Dynamic            | 2678.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 440.60                     | Dynamic            | 2681.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 394.80                     | Static             | 2727.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 446.25                     | Dynamic            | 2675.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 388.10                     | Static             | 2734.09                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 433.75                     | Dynamic            | 2688.44                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 431.90                     | Dynamic            | 2690.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 424.75                     | Dynamic            | 2697.44                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/19/17  |                            | 428.40                     | Dynamic            | 2693.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 419.30                     | Dynamic            | 2702.89                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 422.70                     | Dynamic            | 2699.49                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 403.60                     | Dynamic            | 2718.59                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 383.05                     | Static             | 2739.14                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 374.10                     | Static             | 2748.09                               | BW             |
| IW-9      | 508238                        | 3522207.639                                                          | 497369.791                                                          | 3102.94                                      | 1/14/06  | 450.73                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/20/06  | 438.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 465.15                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 437.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 423.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 425.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 409.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 408.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 403.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/21/06 | 400.40                     |                            | Dynamic            |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-9      | 508238                        | 3522207.639                                                          | 497369.791                                                          | 3102.94                                      | 11/10/06 | 402.72                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/15/06 |                            | 402.72                     |                    | 2700.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 404.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/17/07  | 346.62                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  |                            | 405.95                     |                    | 2696.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 405.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/19/07  | 405.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 408.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/29/07  | 407.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/26/07  | 408.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/21/07  |                            | 405.68                     |                    | 2697.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/21/07  | 405.68                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 398.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/19/07 |                            | 379.00                     |                    | 2723.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/19/08  |                            | 491.10                     |                    | 2611.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 491.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/29/08  | 476.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/21/08  |                            | 480.80                     |                    | 2622.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 480.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 473.00                     |                    | 2629.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 473.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 478.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 478.29                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 475.03                     |                    | 2627.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 475.03                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/21/09  |                            | 469                        |                    | 2633.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 357.20                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 357.20                     |                    | 2745.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 464.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 434.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 426.67                     |                    | 2676.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 377.51                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/11  | 348.92                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/26/11  |                            | 503.43                     |                    | 2599.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/27/11  | 541.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 353.63                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 532.85                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 527.68                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 519.52                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 357.62                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/30/12  | 498.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/21/12  |                            | 518.95                     |                    | 2583.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/12  | 518.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  | 365.39                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/21/12  | 364.63                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/28/12  | 517.21                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/25/12 | 365.94                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/12 | 515.27                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 502.13                     | Dynamic            | 2600.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/13  | 367.33                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 517.14                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 366.73                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 517.08                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/30/13 | 376.14                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 511.24                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 374.47                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 483.69                     | Dynamic            | 2619.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 483.69                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  |                            | 373.42                     | Static             | 2729.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 373.42                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/25/14  |                            | 455.68                     | Dynamic            | 2647.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 455.68                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | 366.85                     | Dynamic            | 2736.09                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-9      | 508238                        | 3522207.639                                                          | 497369.791                                                          | 3102.94                                      | 5/30/14  |                            | 367.02                     | Static             | 2735.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 367.02                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 425.70                     | Dynamic            | 2677.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 425.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 364.20                     | Static             | 2738.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 363.66                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 420.70                     | Dynamic            | 2682.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 420.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 362.50                     | Static             | 2740.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 362.50                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 363.03                     | Dynamic            | 2739.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 362.49                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 360.80                     | Static             | 2742.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 360.26                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 362.40                     | Dynamic            | 2740.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 363.90                     | Static             | 2739.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 365.45                     | Static             | 2737.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 365.65                     | Static             | 2737.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 367.75                     | Static             | 2735.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 367.10                     | Static             | 2735.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 365.87                     | Static             | 2737.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 367.90                     | Static             | 2735.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 368.92                     | Static             | 2734.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 364.20                     | Static             | 2738.74                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 361.32                     | Static             | 2741.62                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 358.88                     | Static             | 2744.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 353.05                     | Static             | 2749.89                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/19/17  |                            | 356.40                     | Static             | 2746.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 349.95                     | Static             | 2752.99                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 541.60                     | Dynamic            | 2561.34                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 510.50                     | Dynamic            | 2592.44                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 358.80                     | Static             | 2744.14                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-10     | 508237                        | 3523122.199                                                          | 497370.367                                                          | 3129.64                                      | 2/20/06  | 459.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 460.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 468.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 453.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 490.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 453.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 458.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 460.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/20/06 | 458.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/10/06 | 464.05                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/15/06 |                            | 464.05                     |                    | 2665.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 463.21                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/17/07  | 370.70                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  |                            | 463.40                     |                    | 2666.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 463.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/19/07  | 466.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 465.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/29/07  | 464.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/26/07  | 466.05                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/21/07  |                            | 464.22                     |                    | 2665.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/21/07  | 465.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 465.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/18/07 |                            | 465.25                     |                    | 2664.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/28/07 | 466.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/19/08  |                            | 465.75                     |                    | 2663.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 465.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/29/08  | 463.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/08  | 464.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/21/08  |                            | 463.29                     |                    | 2666.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 463.29                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/27/08  | 464.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/08  | 465.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 466.11                     |                    | 2663.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 466.11                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/16/08  | 352.36                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 467.52                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 468.22                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 468.33                     |                    | 2661.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 468.33                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/21/09  |                            | 465                        |                    | 2664.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 391.20                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 391.20                     |                    | 2738.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 467.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 465.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 463.16                     |                    | 2666.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 457.23                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/11  | 385.42                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 456.68                     |                    | 2672.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 456.68                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/11  | 456.74                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 387.19                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 457.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 465.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 460.47                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 389.21                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/29/12  | 465.39                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  |                            | 466.57                     |                    | 2663.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  | 466.57                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  | 398.46                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/21/12  | 408.19                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/26/12  | 483.26                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/25/12 | 411.87                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 405.06                     |                    | 2724.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/13  | 413.49                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 482.88                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 413.74                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 483.33                     |                            | Dynamic            |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-10     | 508237                        | 3523122.199                                                          | 497370.367                                                          | 3129.64                                      | 10/30/13 | 417.82                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 484.51                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 414.63                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 487.15                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/14  |                            | 487.15                     | Dynamic            | 2642.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  |                            | 416.79                     | Static             | 2712.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 416.79                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/24/14  |                            | 485.73                     | Dynamic            | 2643.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 485.73                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | 415.32                     | Dynamic            | 2714.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 485.78                     | Dynamic            | 2643.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 485.78                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 480.10                     | Dynamic            | 2649.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 480.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 478.30                     | Dynamic            | 2651.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 477.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 472.30                     | Dynamic            | 2657.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 472.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | Insufficient Flow          |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/4/15  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | UTM                        |                    | NA                                    | BW             |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | UTM                        |                    | NA                                    | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | UTM                        |                    | NA                                    | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | UTM                        |                    | NA                                    | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/19/17  |                            | 465.70                     | Dynamic            | 2663.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 402.50                     | Static             | 2727.14                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 393.90                     | Static             | 2735.74                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 389.70                     | Static             | 2739.94                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 387.60                     | Static             | 2742.04                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 388.80                     | Static             | 2740.84                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 383.30                     | Static             | 2746.34                               | BW             |
| IW-11     | 508235                        | 3523428.954                                                          | 497371.414                                                          | 3127.20                                      | 1/14/06  | 439.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/20/06  | 446.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 382.25                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 385.38                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 379.58                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 381.30                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 429.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/20/06 | 427.48                     |                            | Dynamic            |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-11     | 508235                        | 3523428.954                                                          | 497371.414                                                          | 3127.20                                      | 11/11/06 | 429.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/21/06 |                            | 429.25                     |                    | 2697.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 427.72                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/25/07  | 428.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  |                            | 428.05                     |                    | 2699.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 428.05                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/17/07  | 429.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 428.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/07  | 428.82                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/22/07  | 429.85                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/07  |                            | 428.50                     |                    | 2698.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 429.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/17/07 |                            | 430.00                     |                    | 2697.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/29/07 | 429.85                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  |                            | 430.00                     |                    | 2697.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 430.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/08  | 428.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/08  | 428.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/22/08  |                            | 428.00                     |                    | 2699.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 428.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/27/08  | 424.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/08  | 430.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 430.90                     |                    | 2696.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 430.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 431.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 432.87                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 433.01                     |                    | 2694.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 433.01                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/21/09  |                            | 429                        |                    | 2698.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 379.70                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 379.70                     |                    | 2747.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 429.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 424.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 421.14                     |                    | 2706.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 413.68                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/11  | 375.43                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 414.21                     |                    | 2712.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 414.21                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/11  | 411.76                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 450.45                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 452.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 449.33                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/29/12  | 451.42                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  |                            | 439.67                     |                    | 2687.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  | 439.67                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 459.23                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/22/12  | 392.18                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/26/12  | 466.43                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/25/12 | 400.03                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/27/12 | 467.67                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 463.19                     |                    | 2664.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/25/13  | 400.53                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 468.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 400.57                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 468.46                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/29/13 | 405.57                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 469.52                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 404.57                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 472.74                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/14  |                            | 472.74                     |                    | 2654.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 404.71                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/25/14  |                            | 404.71                     |                    | 2722.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/24/14  |                            | 473.94                     |                    | 2653.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 473.94                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/28/14  |                            | 403.28                     |                    | 2723.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 398.70                     |                    | 2728.50                               | Sierrita       |



**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-11     | 508235                        | 3523428.954                                                          | 497371.414                                                          | 3127.20                                      | 6/9/14   | 398.70                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   |                            | 370.70                     | Static             | 2756.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   | 369.95                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 360.70                     | Static             | 2766.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 360.70                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 338.50                     | Static             | 2788.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 338.50                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 339.20                     | Static             | 2788.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 338.45                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 394.40                     | Static             | 2732.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 503.10                     | Dynamic            | 2624.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/18/15  |                            | 405.75                     | Static             | 2721.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 523.40                     | Dynamic            | 2603.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 540.70                     | Dynamic            | 2586.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 533.30                     | Dynamic            | 2593.90                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 529.30                     | Dynamic            | 2597.90                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 397.80                     | Static             | 2729.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 398.25                     | Static             | 2728.95                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 541.34                     | Dynamic            | 2585.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 399.72                     | Static             | 2727.48                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 507.80                     | Dynamic            | 2619.40                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 500.90                     | Dynamic            | 2626.30                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 387.80                     | Static             | 2739.40                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 389.45                     | Static             | 2737.75                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 467.00                     | Dynamic            | 2660.20                               | BW             |
| IW-12     | 545555                        | 3523969.869                                                          | 497364.911                                                          | 3138.18                                      | 2/20/06  | 447.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 375.33                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 368.35                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 433.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 429.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 430.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 420.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 417.98                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/20/06 | 413.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/10/06 | 413.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 443.18                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/17/07  | 376.60                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  |                            | 456.20                     |                    | 2681.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 456.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/19/07  | 464.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 451.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/29/07  | 449.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/22/07  | 432.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/21/07  |                            | 428.78                     |                    | 2709.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/21/07  | 428.78                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 431.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/17/07 |                            | 433.00                     |                    | 2705.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/28/07 | 434.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/08  | 426.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 425.90                     |                    | 2712.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 425.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 428.58                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 427.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 425.90                     |                    | 2712.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 425.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/09  |                            | 427                        |                    | 2711.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 375.80                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 375.80                     |                    | 2762.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 430.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 428.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 425.40                     |                    | 2712.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 414.92                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/14/11  | 371.21                     |                            | Static             |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-12     | 545555                        | 3523969.869                                                          | 497364.911                                                          | 3138.18                                      | 5/11/11  |                            | 415.81                     |                    | 2722.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 415.81                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/29/11  | 415.29                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 372.05                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 411.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 372.28                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 415.39                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 373.26                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/29/12  | 393.68                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  |                            | 411.45                     |                    | 2726.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  | 411.45                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  | 371.15                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 427.28                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/22/12  | 376.92                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/26/12  | 422.48                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/25/12 | 382.92                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/27/12 | 426.02                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/13  |                            | 420.22                     | Dynamic            | 2717.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/25/13  | 386.04                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 440.86                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 386.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 441.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/29/13 | 395.37                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 435.47                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 391.32                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 381.41                     | Static             | 2756.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 381.41                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  |                            | 380.19                     | Static             | 2757.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 380.19                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/24/14  |                            | 380.01                     | Static             | 2758.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 380.01                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/28/14  |                            | 386.78                     | Dynamic            | 2751.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 434.66                     | Dynamic            | 2703.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 434.66                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 500.10                     | Dynamic            | 2638.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   |                            | 490.40                     | Dynamic            | 2647.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   | 489.69                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 478.50                     | Dynamic            | 2659.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 478.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 386.40                     | Static             | 2751.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 386.40                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 486.30                     | Dynamic            | 2651.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 485.59                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 475.70                     | Dynamic            | 2662.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 474.99                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 475.95                     | Dynamic            | 2662.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 475.24                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 458.20                     | Dynamic            | 2679.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 484.20                     | Dynamic            | 2653.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 448.60                     | Dynamic            | 2689.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/18/15  |                            | 456.50                     | Dynamic            | 2681.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  | UTM                        |                            |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 481.30                     | Dynamic            | 2656.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  | UTM                        |                            |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 504.25                     | Dynamic            | 2633.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 464.25                     | Dynamic            | 2673.93                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 472.65                     | Dynamic            | 2665.53                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 499.70                     | Dynamic            | 2638.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 389.60                     | Static             | 2748.58                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 434.65                     | Dynamic            | 2703.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 386.80                     | Static             | 2751.38                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 462.95                     | Dynamic            | 2675.23                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 378.05                     | Static             | 2760.13                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 376.65                     | Static             | 2761.53                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 378.95                     | Static             | 2759.23                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 444.75                     | Dynamic            | 2693.43                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-13     | 545556                        | 3524166.673                                                          | 497363.820                                                          | 3143.35                                      | 1/14/06  | 382.10                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/20/06  | 398.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 386.25                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 403.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 402.85                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 405.27                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 406.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 408.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 409.38                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/20/06 | 408.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/11/06 | 409.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 408.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/07  | 411.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 411.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/17/07  | 411.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 411.15                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/07  | 412.91                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/22/07  | 412.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/07  |                            | 412.13                     |                    | 2731.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 411.88                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/17/07 |                            | 413.30                     |                    | 2730.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/29/07 | 413.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  |                            | 412.21                     |                    | 2731.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 412.21                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/08  | 411.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/08  | 410.79                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/22/08  |                            | 410.42                     |                    | 2732.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 410.42                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/27/08  | 409.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/08  | 409.18                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 410.00                     |                    | 2733.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 410.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 410.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 411.02                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 410.95                     |                    | 2732.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 410.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/09  |                            | 411                        |                    | 2732.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 388.90                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 388.90                     |                    | 2754.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 410.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 408.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 404.66                     |                    | 2738.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 386.19                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/14/11  | 382.59                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 401.85                     |                    | 2741.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 401.85                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/29/11  | 401.54                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 383.55                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 402.38                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 402.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 401.86                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 386.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/29/12  | 403.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/20/12  |                            | 405.53                     |                    | 2737.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  | 387.62                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 443.39                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/22/12  | 389.92                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/26/12  | 450.28                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/26/12 | 392.99                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/27/12 | 420.16                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 410.89                     |                    | 2732.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/25/13  | 396.57                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 422.24                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 396.63                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 422.31                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/29/13 | 409.74                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 423.62                     |                            | Dynamic            |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-13     | 545556                        | 3524166.673                                                          | 497363.820                                                          | 3143.35                                      | 12/9/13  | 398.81                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 432.93                     | Dynamic            | 2710.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 432.93                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 401.88                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/25/14  |                            | 401.88                     | Static             | 2741.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/24/14  |                            | 438.75                     | Dynamic            | 2704.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 438.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | 403.78                     | Dynamic            | 2739.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 438.80                     | Dynamic            | 2704.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 438.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 416.40                     | Static             | 2726.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 416.40                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   |                            | 405.70                     | Static             | 2737.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   | 404.74                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 405.70                     | Static             | 2737.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 405.70                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 404.30                     | Static             | 2739.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 404.30                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 459.50                     | Static             | 2683.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 406.90                     | Static             | 2736.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 405.94                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 404.20                     | Static             | 2739.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 403.24                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 402.80                     | Static             | 2740.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 401.84                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 398.70                     | Static             | 2744.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 399.20                     | Static             | 2744.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 398.80                     | Static             | 2744.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/18/15  |                            | 400.65                     | Static             | 2742.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 401.93                     | Static             | 2741.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 401.70                     | Static             | 2741.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 402.50                     | Static             | 2740.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 402.80                     | Static             | 2740.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 402.40                     | Static             | 2740.95                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 401.80                     | Static             | 2741.55                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 402.35                     | Static             | 2741.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 399.82                     | Static             | 2743.53                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 400.92                     | Static             | 2742.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 400.90                     | Static             | 2742.45                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 398.50                     | Static             | 2744.85                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 395.40                     | Static             | 2747.95                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 383.80                     | Static             | 2759.55                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 394.35                     | Static             | 2749.00                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 395.55                     | Static             | 2747.80                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-14     | 545557                        | 3524373.122                                                          | 497367.126                                                          | 3146.42                                      | 1/14/06  | 441.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/20/06  | 436.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 379.95                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 459.58                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 445.42                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 447.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 450.11                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 458.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 458.09                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/20/06 | 456.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/11/06 | 471.68                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/15/06 |                            | 471.68                     |                    | 2674.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 470.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/07  | 474.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  |                            | 463.35                     |                    | 2683.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 463.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/17/07  | 479.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 471.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/29/07  | 476.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/22/07  | 476.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/07  |                            | 474.00                     |                    | 2672.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 480.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/16/07 |                            | 480.00                     |                    | 2666.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/29/07 | 491.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  |                            | 478.50                     |                    | 2667.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 478.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/08  | 465.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/08  | 464.99                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/21/08  |                            | 457.75                     |                    | 2688.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 457.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/27/08  | 473.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/08  | 477.77                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 478.06                     |                    | 2668.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 478.06                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 467.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 466.99                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 467.07                     |                    | 2679.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 467.07                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/09  |                            | 466                        |                    | 2680.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 383.30                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 383.30                     |                    | 2763.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 460.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 447.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/21/10  |                            | 422.20                     |                    | 2724.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/11  | 406.36                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/14/11  | 378.11                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 404.48                     |                    | 2741.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 404.48                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/29/11  | 403.37                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 349.52                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 404.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 395.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 380.28                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/29/12  | 459.54                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  |                            | 458.57                     |                    | 2687.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  | 458.57                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  | 381.75                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 455.15                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/22/12  | 383.91                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/26/12  | 459.39                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/26/12 | 386.33                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/27/12 | 459.43                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 460.72                     |                    | 2685.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/25/13  | 386.94                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 386.93                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 458.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/28/13 | 391.09                     |                            | Static             |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-14     | 545557                        | 3524373.122                                                          | 497367.126                                                          | 3146.42                                      | 11/28/13 | 451.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 390.79                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 459.02                     | Dynamic            | 2687.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 459.02                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 393.02                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/25/14  |                            | 393.02                     | Dynamic            | 2753.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/24/14  |                            | 455.21                     | Dynamic            | 2691.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 455.21                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/28/14  |                            | 394.49                     | Dynamic            | 2751.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 453.19                     | Dynamic            | 2693.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 453.19                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 459.40                     | Dynamic            | 2687.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 459.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   |                            | 459.30                     | Dynamic            | 2687.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   | 459.13                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 459.30                     | Dynamic            | 2687.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 459.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 394.60                     | Static             | 2751.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 394.60                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 459.33                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 459.40                     | Dynamic            | 2687.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 459.23                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 459.40                     | Dynamic            | 2687.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 459.23                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 459.50                     | Dynamic            | 2686.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 459.50                     | Dynamic            | 2686.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 400.05                     | Static             | 2746.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/18/15  |                            | 460.10                     | Dynamic            | 2686.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 400.92                     | Static             | 2745.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 459.45                     | Dynamic            | 2686.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 400.80                     | Static             | 2745.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 459.55                     | Dynamic            | 2686.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 459.60                     | Dynamic            | 2686.82                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 400.75                     | Static             | 2745.67                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 459.50                     | Dynamic            | 2686.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 394.05                     | Static             | 2752.37                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 471.72                     | Dynamic            | 2674.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 459.55                     | Dynamic            | 2686.87                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 393.45                     | Static             | 2752.97                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 389.10                     | Static             | 2757.32                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 387.45                     | Static             | 2758.97                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 387.70                     | Static             | 2758.72                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 388.35                     | Static             | 2758.07                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-15     | 545558                        | 3524567.261                                                          | 497372.873                                                          | 3152.02                                      | 2/20/06  | 416.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 387.55                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 420.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 417.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 419.48                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 422.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 423.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 424.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/20/06 | 424.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/11/06 | 427.27                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/15/06 |                            | 427.27                     |                    | 2724.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 427.79                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/07  | 429.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  |                            | 429.89                     |                    | 2722.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 429.89                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/17/07  | 431.05                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 431.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/07  | 431.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/22/07  | 431.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/07  |                            | 430.55                     |                    | 2721.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 429.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/16/07 |                            | 390.30                     |                    | 2761.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/29/07 | 428.15                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  |                            | 430.45                     |                    | 2721.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 430.45                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/08  | 430.18                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/08  | 429.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/22/08  |                            | 429.70                     |                    | 2722.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 429.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/27/08  | 427.81                     |                            |                    |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/08  | 429.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 429.50                     |                    | 2722.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 429.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 430.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 430.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 430.49                     |                    | 2721.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 430.49                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/09  |                            | 430                        |                    | 2722.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 388.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 388.00                     |                    | 2764.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 427.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 425.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 419.39                     |                    | 2732.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 415.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/14/11  | 394.57                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 414.82                     |                    | 2737.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 414.82                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/29/11  | 412.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 384.89                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 416.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/30/11 | 414.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 418.02                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 373.03                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/29/12  | 421.94                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  |                            | 410.54                     |                    | 2741.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  | 410.54                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  | 387.88                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 418.27                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/22/12  | 389.33                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/26/12  | 433.77                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/26/12 | 391.31                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/27/12 | 438.04                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/13  |                            | 439.64                     |                    | 2712.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/25/13  | 392.73                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 440.11                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 392.95                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 440.52                     |                            | Dynamic            |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-15     | 545558                        | 3524567.261                                                          | 497372.873                                                          | 3152.02                                      | 10/28/13 | 395.39                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 441.34                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 395.57                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 458.15                     | Dynamic            | 2693.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 458.15                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 397.32                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/25/14  |                            | 397.32                     | Dynamic            | 2754.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/24/14  |                            | 477.16                     | Dynamic            | 2674.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 477.16                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/28/14  |                            | 399.11                     | Dynamic            | 2752.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 477.18                     | Dynamic            | 2674.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 477.18                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 491.25                     | Dynamic            | 2660.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 491.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   |                            | 399.40                     | Static             | 2752.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   | 399.15                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 491.30                     | Dynamic            | 2660.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 491.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 400.60                     | Static             | 2751.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 400.60                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 491.40                     | Dynamic            | 2660.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 491.15                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 491.40                     | Dynamic            | 2660.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 491.15                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 491.40                     | Dynamic            | 2660.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 491.15                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 491.40                     | Dynamic            | 2660.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 401.70                     | Static             | 2750.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 408.20                     | Static             | 2743.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 404.60                     | Static             | 2747.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 491.40                     | Dynamic            | 2660.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 403.75                     | Static             | 2748.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 498.37                     | Dynamic            | 2653.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 491.40                     | Dynamic            | 2660.62                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 404.10                     | Static             | 2747.92                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 498.30                     | Dynamic            | 2653.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | UTM                        |                    | NA                                    | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 491.00                     | Dynamic            | 2661.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 401.10                     | Static             | 2750.92                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 399.65                     | Static             | 2752.37                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 398.50                     | Static             | 2753.52                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 396.55                     | Static             | 2755.47                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 397.15                     | Static             | 2754.87                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 397.95                     | Static             | 2754.07                               | BW             |



**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-16     | 545559                        | 3524782.868                                                          | 497370.651                                                          | 3162.85                                      | 1/14/06  | 399.60                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/20/06  | 405.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 405.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 406.97                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 406.45                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 407.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 408.31                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 408.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 409.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/20/06 | 408.94                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/11/06 | 409.69                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/15/06 |                            | 409.69                     |                    | 2753.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 409.81                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/07  | 410.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  |                            | 409.95                     |                    | 2752.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 409.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/17/07  | 409.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 409.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/07  | 409.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/22/07  | 409.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/07  |                            | 409.50                     |                    | 2753.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 409.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/16/07 |                            | 409.17                     |                    | 2753.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/29/07 | 408.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  |                            | 409.20                     |                    | 2753.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 409.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/08  | 408.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/08  | 408.92                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/22/08  |                            | 408.89                     |                    | 2753.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 408.89                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/27/08  | 408.92                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/08  | 408.48                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 409.02                     |                    | 2753.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 409.02                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 408.44                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 408.24                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 408.29                     |                    | 2754.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 408.29                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/09  |                            | 409                        |                    | 2753.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 402.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 402.00                     |                    | 2760.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 409.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 408.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 405.68                     |                    | 2757.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 399.82                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/14/11  | 399.44                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/29/11  |                            | 339.30                     |                    | 2823.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/29/11  | 399.30                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 399.56                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/25/11  | 400.05                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 398.25                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 400.69                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 401.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/29/12  | 401.53                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  |                            | 402.80                     |                    | 2760.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  | 402.80                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 432.47                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/22/12  | 403.78                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/26/12  | 404.54                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/26/12 | 405.16                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/27/12 | 405.72                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/13  |                            | 407.10                     | Static             | 2755.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/13  | 407.10                     |                            | Static             |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-16     | 545559                        | 3524782.868                                                          | 497370.651                                                          | 3162.85                                      | 6/25/13  | 407.10                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 406.93                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/28/13 | 408.18                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 409.04                     | Static             | 2753.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  |                            | 410.15                     | Static             | 2752.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/24/14  |                            | 411.11                     | Static             | 2751.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | 411.92                     | Static             | 2750.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 411.90                     | Static             | 2750.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/25/15  |                            | 414.08                     | Static             | 2748.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/18/15  |                            | 414.05                     | Static             | 2748.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 414.40                     | Static             | 2748.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 414.68                     | Static             | 2748.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 414.74                     | Static             | 2748.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 413.48                     | Static             | 2749.37                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 412.82                     | Static             | 2750.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 412.55                     | Static             | 2750.30                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 412.25                     | Static             | 2750.60                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 411.55                     | Static             | 2751.30                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 410.79                     | Static             | 2752.06                               | BW             |
| IW-17     | 545560                        | 3525002.869                                                          | 497373.717                                                          | 3160.76                                      | 11/26/18 |                            | 411.00                     | Static             | 2751.85                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/1/19   |                            | 411.82                     | Static             | 2751.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 411.75                     | Static             | 2751.10                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 1/14/06  | 423.54                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/17/06  | 426.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 427.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 427.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 427.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 427.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 428.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 426.35                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 428.81                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/20/06 | 428.72                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/11/06 | 429.15                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/15/06 |                            | 429.15                     |                    | 2731.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 429.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/07  | 429.58                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  |                            | 429.70                     |                    | 2731.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 429.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/17/07  | 429.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 428.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/07  | 429.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/22/07  | 428.25                     |                            | Dynamic            |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-17     | 545560                        | 3525002.869                                                          | 497373.717                                                          | 3160.76                                      | 7/26/07  |                            | 427.97                     |                    | 2732.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 428.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/16/07 |                            | 427.70                     |                    | 2733.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/29/07 | 427.48                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  |                            | 428.12                     |                    | 2732.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 428.12                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/08  | 427.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/08  | 428.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/22/08  |                            | 428.23                     |                    | 2732.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 428.23                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/27/08  | 428.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/08  | 428.33                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 428.40                     |                    | 2732.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 428.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 428.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 428.33                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 428.45                     |                    | 2732.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 428.45                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/09  |                            | 428                        |                    | 2732.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 425.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 425.00                     |                    | 2735.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 428.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 427.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 425.12                     |                    | 2735.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 423.13                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/14/11  | 422.59                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/29/11  |                            | 422.10                     |                    | 2738.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/29/11  | 422.10                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 421.01                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/25/11  | 422.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 422.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 423.06                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 423.15                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/29/12  | 423.21                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  |                            | 424.10                     |                    | 2736.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  | 424.10                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 429.62                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/22/12  | 424.92                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/26/12  | 425.55                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/26/12 | 426.15                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/27/12 | 426.82                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/13  |                            | 428.86                     | Static             | 2731.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/13  | 428.86                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/25/13  | 428.86                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 428.94                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/28/13 | 429.63                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 432.11                     | Static             | 2728.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  |                            | 422.09                     | Static             | 2738.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/24/14  |                            | 435.40                     | Static             | 2725.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | 437.29                     | Static             | 2723.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 437.35                     | Static             | 2723.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/25/15  |                            | 443.59                     | Static             | 2717.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/18/15  |                            | 443.60                     | Static             | 2717.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 444.35                     | Static             | 2716.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 444.90                     | Static             | 2715.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 445.02                     | Static             | 2715.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 444.65                     | Static             | 2716.11                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 444.20                     | Static             | 2716.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 444.30                     | Static             | 2716.46                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 443.80                     | Static             | 2716.96                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 443.90                     | Static             | 2716.86                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 443.45                     | Static             | 2717.31                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 443.45                     | Static             | 2717.31                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/1/19   |                            | 443.10                     | Static             | 2717.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 442.95                     | Static             | 2717.81                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-18     | 545561                        | 3525169.771                                                          | 497374.056                                                          | 3171.15                                      | 1/14/06  | 441.60                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/20/06  | 450.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 450.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 448.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 446.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 447.02                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 448.21                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 448.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 448.98                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/20/06 | 448.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/10/06 | 449.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/21/06 |                            | 449.02                     |                    | 2722.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 449.68                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/17/07  | 444.50                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  |                            | 449.55                     |                    | 2721.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 449.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/19/07  | 448.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 447.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/29/07  | 447.19                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/22/07  | 446.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/21/07  |                            | 446.35                     |                    | 2724.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 446.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/16/07 |                            | 445.25                     |                    | 2725.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/28/07 | 445.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/19/08  |                            | 446.75                     |                    | 2724.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 446.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/08  | 447.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/08  | 447.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/21/08  |                            | 447.48                     |                    | 2723.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 447.48                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/27/08  | 447.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/08  | 447.47                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 447.00                     |                    | 2724.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 447.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 446.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 446.36                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 446.30                     |                    | 2724.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 446.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/09  |                            | 447                        |                    | 2724.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 441.50                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 441.50                     |                    | 2729.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 447.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 447.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 442.94                     |                    | 2728.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 436.89                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/14/11  | 432.82                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/29/11  |                            | 435.35                     |                    | 2735.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/29/11  | 435.35                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 435.16                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/25/11  | 435.50                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 434.90                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 436.09                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 436.22                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/29/12  | 436.47                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  |                            | 436.97                     |                    | 2734.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  | 436.97                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 437.20                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/22/12  | 437.68                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/26/12  | 438.78                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/26/12 | 439.56                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/27/12 | 440.41                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/13  |                            | 443.11                     | Static             | 2728.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/13  | 443.11                     |                            | Static             |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-18     | 545561                        | 3525169.771                                                          | 497374.056                                                          | 3171.15                                      | 6/25/13  | 443.11                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 442.87                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/28/13 | 441.41                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 447.78                     | Static             | 2723.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  |                            | 449.75                     | Static             | 2721.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/24/14  |                            | 451.75                     | Static             | 2719.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | 453.68                     | Static             | 2717.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 453.70                     | Static             | 2717.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/25/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 461.82                     | Static             | 2709.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 461.72                     | Static             | 2709.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 462.02                     | Static             | 2709.13                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 461.42                     | Static             | 2709.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 461.95                     | Static             | 2709.20                               | BW             |
| IW-19     | 545562                        | 3525343.392                                                          | 497373.630                                                          | 3155.39                                      | 5/22/18  |                            | 461.80                     | Static             | 2709.35                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | DRY                        | Static             | DRY                                   | BW             |
|           |                               |                                                                      |                                                                     |                                              | 1/14/06  | 449.07                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/20/06  | 447.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 448.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 449.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 444.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 445.36                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 447.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 447.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 447.38                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/20/06 | 448.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/11/06 | 418.60                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/21/06 |                            | 418.60                     |                    | 2736.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 448.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/07  | 448.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/23/07  |                            | 444.65                     |                    | 2710.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/23/07  | 444.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/16/07  | 443.38                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 441.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/29/07  | 433.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/22/07  | 432.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/26/07  |                            | 435.85                     |                    | 2719.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 435.05                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/29/07 | 450.52                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  |                            | 451.28                     |                    | 2704.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 451.28                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/08  | 451.22                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/08  | 452.19                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/21/08  |                            | 452.00                     |                    | 2703.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 452.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/27/08  | 452.45                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/08  | 451.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 451.88                     |                    | 2703.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 451.88                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 450.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 450.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 451.08                     |                    | 2704.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 451.08                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/09  |                            | 451                        |                    | 2704.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 413.90                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 413.90                     |                    | 2741.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 450.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 448.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 445.24                     |                    | 2710.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 437.57                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/14/11  | 407.82                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 436.15                     |                    | 2719.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 436.15                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/29/11  | 430.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 407.21                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/25/11  | 399.60                     |                            |                    |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-19     | 545562                        | 3525343.392                                                          | 497373.630                                                          | 3155.39                                      | 12/29/11 | 433.09                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 433.88                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 408.38                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/29/12  | 434.42                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  |                            | 432.62                     |                    | 2722.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  | 432.62                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  | 409.19                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/22/12  | 409.73                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/26/12  | 435.37                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/26/12 | 411.86                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/27/12 | 437.02                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/13  |                            | 439.33                     | Dynamic            | 2716.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/25/13  | 415.12                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 438.92                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 415.19                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/28/13 | 416.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 468.62                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 465.41                     | Dynamic            | 2689.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 465.41                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 422.21                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/25/14  |                            | 422.21                     | Static             | 2733.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/24/14  |                            | 469.27                     | Dynamic            | 2686.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 469.27                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/28/14  |                            | 425.55                     | Dynamic            | 2729.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 469.21                     | Dynamic            | 2686.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 469.21                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 473.38                     | Dynamic            | 2682.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 473.38                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   |                            | 474.40                     | Dynamic            | 2680.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   | 473.57                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 473.70                     | Dynamic            | 2681.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 473.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 428.00                     | Static             | 2727.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 428.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 475.80                     | Dynamic            | 2679.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 474.97                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 475.50                     | Dynamic            | 2679.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 474.67                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 476.05                     | Dynamic            | 2679.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 475.22                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 482.20                     | Dynamic            | 2673.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 488.30                     | Dynamic            | 2667.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 431.40                     | Static             | 2723.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/18/15  |                            | 435.95                     | Static             | 2719.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 439.15                     | Static             | 2716.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 504.00                     | Dynamic            | 2651.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 439.95                     | Static             | 2715.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 507.40                     | Dynamic            | 2647.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 506.30                     | Dynamic            | 2649.09                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 439.55                     | Static             | 2715.84                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 435.95                     | Static             | 2719.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 506.30                     | Dynamic            | 2649.09                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 483.60                     | Dynamic            | 2671.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 506.00                     | Dynamic            | 2649.39                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 502.70                     | Dynamic            | 2652.69                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-20     | 545563                        | 3525568.770                                                          | 497364.739                                                          | 3164.21                                      | 1/14/06  | 450.32                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/20/06  | 451.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 453.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 450.23                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 450.33                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 450.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 442.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 450.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 435.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/20/06 | 441.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/11/06 | 421.25                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/21/06 |                            | 421.25                     |                    | 2742.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 449.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/07  |                            | 445.30                     |                    | 2718.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/07  | 445.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/16/07  | 417.72                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 428.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/29/07  | 427.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/22/07  | 427.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/26/07  |                            | 426.21                     |                    | 2738.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 447.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/16/07 |                            | 424.15                     |                    | 2740.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/29/07 | 423.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  |                            | 424.65                     |                    | 2739.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 424.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/08  | 424.68                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/08  | 425.05                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/21/08  |                            | 425.15                     |                    | 2739.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 425.15                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/27/08  | 425.18                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/08  | 423.04                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 422.99                     |                    | 2741.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 422.99                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 424.44                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 424.04                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 424.14                     |                    | 2740.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 424.14                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/09  |                            | 442                        |                    | 2722.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 414.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 414.00                     |                    | 2750.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 423.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 418.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/29/10  |                            | 418.07                     |                    | 2746.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 412.78                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/14/11  | 407.11                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 413.15                     |                    | 2751.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 413.15                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/29/11  | 412.53                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 406.25                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/25/11  | 412.15                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 412.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 406.99                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 408.09                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/29/12  | 414.89                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/20/12  |                            | 414.50                     |                    | 2749.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  | 407.99                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/22/12  | 409.11                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/26/12  | 419.49                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/26/12 | 411.89                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/27/12 | 419.84                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/17/13  |                            | 417.26                     |                    | 2746.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/17/13  | 417.26                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/25/13  | 413.74                     |                            | Static             |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-20     | 545563                        | 3525568.770                                                          | 497364.739                                                          | 3164.21                                      | 8/1/13   | 415.77                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 421.16                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/28/13 | 413.71                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 421.93                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 417.48                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 424.25                     | Dynamic            | 2739.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 424.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 420.71                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/25/14  |                            | 420.71                     | Static             | 2743.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/24/14  |                            | 427.83                     | Dynamic            | 2736.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 427.83                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/28/14  |                            | 421.94                     | Dynamic            | 2742.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 427.89                     | Dynamic            | 2736.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 427.89                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 429.20                     | Dynamic            | 2735.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 429.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   |                            | 430.10                     | Dynamic            | 2734.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   | 429.77                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 430.00                     | Dynamic            | 2734.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 430.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 424.80                     | Static             | 2739.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 424.80                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 432.80                     | Dynamic            | 2731.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 432.47                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 432.90                     | Dynamic            | 2731.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 432.57                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 435.80                     | Dynamic            | 2728.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 435.47                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 431.30                     | Static             | 2732.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 431.75                     | Static             | 2732.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 430.80                     | Static             | 2733.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/18/15  |                            | 434.65                     | Static             | 2729.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 437.70                     | Static             | 2726.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 437.80                     | Static             | 2726.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 438.60                     | Static             | 2725.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 439.80                     | Static             | 2724.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 439.15                     | Static             | 2725.06                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 438.70                     | Static             | 2725.51                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 438.88                     | Static             | 2725.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 435.00                     | Static             | 2729.21                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 432.09                     | Static             | 2732.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 431.00                     | Static             | 2733.21                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 429.22                     | Static             | 2734.99                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 428.80                     | Static             | 2735.41                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 428.70                     | Static             | 2735.51                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 429.50                     | Static             | 2734.71                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 425.40                     | Static             | 2738.81                               |                |



**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-21     | 545564                        | 3525773.266                                                          | 497374.585                                                          | 3171.37                                      | 1/14/06  | 452.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/20/06  | 455.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 452.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 453.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 447.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 448.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 450.16                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 450.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 449.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/20/06 | 448.28                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/11/06 | 424.80                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/21/06 |                            | 424.80                     |                    | 2746.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 450.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/07  | 451.68                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/23/07  |                            | 449.65                     |                    | 2721.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/23/07  | 449.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/16/07  | 448.68                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 447.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/29/07  | 446.36                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/22/07  | 444.15                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/26/07  |                            | 454.04                     |                    | 2717.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 443.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/16/07 |                            | 442.10                     |                    | 2729.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/29/07 | 441.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  |                            | 441.68                     |                    | 2729.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 441.68                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/08  | 441.61                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/08  | 442.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/21/08  |                            | 441.50                     |                    | 2729.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 441.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/27/08  | 439.42                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 454.00                     |                    | 2717.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 454.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 455.94                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 456.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 443.08                     |                    | 2728.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 455.89                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/09  |                            | 484                        |                    | 2687.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 415.60                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 415.60                     |                    | 2755.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 452.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 447.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 736.00                     |                    | 2435.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 612.58                     | Dynamic            | 2558.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/24/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 506.93                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 504.10                     | Dynamic            | 2667.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 501.80                     | Dynamic            | 2669.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 433.70                     | Static             | 2737.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/18/15  |                            | 498.30                     | Dynamic            | 2673.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 512.00                     | Dynamic            | 2659.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 510.90                     | Dynamic            | 2660.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 502.70                     | Dynamic            | 2668.67                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-21     | 545564                        | 3525773.266                                                          | 497374.585                                                          | 3171.37                                      | 1/12/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 511.10                     | Dynamic            | 2660.27                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 437.10                     | Static             | 2734.27                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 510.10                     | Dynamic            | 2661.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 436.30                     | Static             | 2735.07                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 431.37                     | Static             | 2740.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 430.23                     | Static             | 2741.14                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 428.70                     | Static             | 2742.67                               | BW             |
| IW-22     | 200554                        | 3523273.592                                                          | 497369.590                                                          | 3128.25                                      | 5/22/18  |                            | 425.80                     | Static             | 2745.57                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 1/14/06  | 469.88                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/20/06  | 470.92                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 390.50                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 477.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 462.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 461.37                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 460.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 464.28                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 466.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/20/06 | 465.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/11/06 | 434.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/21/06 |                            | 434.75                     |                    | 2693.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 432.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/07  | 439.45                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  |                            | 433.58                     |                    | 2694.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 433.58                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/17/07  | 434.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 435.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/07  | 435.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/22/07  | 438.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/07  |                            | 430.00                     |                    | 2698.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 436.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/18/07 |                            | 435.75                     |                    | 2692.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/29/07 | 436.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  |                            | 438.50                     |                    | 2689.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/08  | 438.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/29/08  | 437.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/08  | 436.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/25/08  |                            | 439.30                     |                    | 2688.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 439.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/27/08  | 439.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/08  | 441.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 442.08                     |                    | 2686.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 442.08                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 442.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/29/08  | 443.06                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 455.89                     |                    | 2672.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 443.08                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/21/09  |                            | 442                        |                    | 2686.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 384.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 384.00                     |                    | 2744.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 443.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/15/09 | 438.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 434.62                     |                    | 2693.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 424.56                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/11  | 378.72                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 431.21                     |                    | 2697.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 431.21                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/11  | 430.12                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 369.50                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 433.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 402.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 418.31                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/29/12  | 452.67                     |                            | Dynamic            |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-22     | 200554                        | 3523273.592                                                          | 497369.590                                                          | 3128.25                                      | 5/22/12  |                            | 448.78                     |                    | 2679.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  | 448.78                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  | 382.79                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 442.68                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/22/12  | 400.60                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/26/12  | 462.71                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/26/12 | 408.11                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/27/12 | 460.35                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 459.72                     | Dynamic            | 2668.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/25/13  | 408.44                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 467.14                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 408.82                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 467.52                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/29/13 | 415.89                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 468.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 414.17                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 467.14                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/14  |                            | 467.14                     | Dynamic            | 2661.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 414.41                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/25/14  |                            | 414.41                     | Static             | 2713.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/24/14  |                            | 471.95                     | Dynamic            | 2656.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 471.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/28/14  |                            | 411.44                     |                    | 2716.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 466.14                     | Dynamic            | 2662.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 466.14                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 461.20                     | Dynamic            | 2667.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 461.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   |                            | 459.10                     | Dynamic            | 2669.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   | 458.43                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 452.40                     | Dynamic            | 2675.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 452.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 397.80                     | Static             | 2730.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 397.80                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 461.00                     | Dynamic            | 2667.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 460.33                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 452.80                     | Dynamic            | 2675.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 452.13                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 453.20                     | Dynamic            | 2675.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 452.53                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 451.70                     | Dynamic            | 2676.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 400.60                     | Static             | 2727.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 400.10                     | Static             | 2728.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 462.90                     | Dynamic            | 2665.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 475.40                     | Dynamic            | 2652.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 464.55                     | Dynamic            | 2663.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 472.90                     | Dynamic            | 2655.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 470.30                     | Dynamic            | 2657.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 464.35                     | Dynamic            | 2663.90                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 412.40                     | Static             | 2715.85                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 456.20                     | Dynamic            | 2672.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 401.17                     | Static             | 2727.08                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 463.95                     | Dynamic            | 2664.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 449.55                     | Dynamic            | 2678.70                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 394.60                     | Static             | 2733.65                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 389.20                     | Static             | 2739.05                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 387.50                     | Static             | 2740.75                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 388.30                     | Static             | 2739.95                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 385.00                     | Static             | 2743.25                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-23     | 200555                        | 3522970.788                                                          | 497369.237                                                          | 3128.53                                      | 1/14/06  | 464.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 377.75                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 504.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 472.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 490.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 470.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/11/06 | 544.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 |                            | 544.50                     |                    | 2584.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/06 | 493.02                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/07  | 497.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  |                            | 499.20                     |                    | 2629.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/07  | 499.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/17/07  | 496.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/24/07  | 491.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/07  | 497.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/26/07  | 503.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/07  |                            | 500.00                     |                    | 2628.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/29/07  | 500.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/18/07 |                            | 518.95                     |                    | 2609.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 375.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 375.00                     |                    | 2753.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 510.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 538.78                     |                    | 2589.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/11   | 384.85                     |                            |                    |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/11  | 369.88                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 516.15                     |                    | 2612.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 516.15                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/11  | 525.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 372.42                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 538.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 534.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 529.71                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/29/12  | 546.38                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  |                            | 523.21                     |                    | 2605.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  | 523.21                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/22/12  | 381.70                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/26/12  | 535.61                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/26/12 | 384.71                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/27/12 | 483.41                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 482.11                     | Dynamic            | 2646.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/25/13  | 385.08                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 385.44                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 426.62                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/30/13 | 394.39                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 428.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 387.59                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 528.47                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/14  |                            | 528.47                     | Dynamic            | 2600.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 389.51                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/25/14  |                            | 389.51                     | Static             | 2739.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/24/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/14  |                            | 385.17                     | Dynamic            | 2743.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 519.31                     | Dynamic            | 2609.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 519.31                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 546.60                     | Dynamic            | 2581.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 546.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 546.60                     | Dynamic            | 2581.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 545.73                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 534.90                     | Dynamic            | 2593.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 534.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | Insufficient Flow          |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 546.65                     | Dynamic            | 2581.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 545.78                     |                            | Dynamic            |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-23     | 200555                        | 3522970.788                                                          | 497369.237                                                          | 3128.53                                      | 11/4/14  |                            | 525.20                     | Dynamic            | 2603.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 524.33                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 539.60                     | Dynamic            | 2588.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 538.73                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 471.70                     | Dynamic            | 2656.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 484.70                     | Dynamic            | 2643.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 379.95                     | Static             | 2748.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 482.40                     | Dynamic            | 2646.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 468.00                     | Dynamic            | 2660.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 383.50                     | Static             | 2745.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 377.40                     | Static             | 2751.13                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 376.30                     | Static             | 2752.23                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 372.40                     | Static             | 2756.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 369.75                     | Static             | 2758.78                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/19/17  |                            | 375.15                     | Static             | 2753.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 372.90                     | Static             | 2755.63                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 367.40                     | Static             | 2761.13                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 365.00                     | Static             | 2763.53                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 367.20                     | Static             | 2761.33                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 368.25                     | Static             | 2760.28                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 364.80                     | Static             | 2763.73                               | BW             |
| IW-24     | 200556                        | 3522633.594                                                          | 497371.670                                                          | 3113.29                                      | 1/14/06  | 416.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/20/06  | 392.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/06  | 353.90                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/06  | 495.72                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/06  | 418.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/10/06  | 446.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/16/06  | 412.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/06  | 477.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/16/06  | 418.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/20/06 | 545.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/11/06 | 395.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/3/07   | 344.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/07  | 353.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/29/08  | 555.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/08  | 525.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/25/08  |                            | 522.50                     |                    | 2590.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/30/08  | 522.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/27/08  | 433.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/08  | 451.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 452.50                     |                    | 2660.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  | 452.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 467.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/29/08  | 467.66                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 466.99                     |                    | 2646.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 | 466.99                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/10/09  | 348.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 348.00                     |                    | 2765.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  | 526.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/12/10  |                            | 522.90                     |                    | 2590.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/24/11  | 480.11                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/11  | 345.38                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  |                            | 456.05                     |                    | 2657.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/11/11  | 456.05                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/27/11  | 446.19                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/12/11  | 346.60                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/23/11  | 426.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/29/11 | 458.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/26/12  | 478.61                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/28/12  | 349.58                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  |                            | 512.88                     |                    | 2600.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  | 512.88                     |                            | Dynamic            |                                       | BW, 2015a      |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-24     | 200556                        | 3522633.594                                                          | 497371.670                                                          | 3113.29                                      | 6/27/12  | 354.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 439.87                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/22/12  | 355.46                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/28/12  | 441.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/26/12 | 355.87                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/12 | 543.91                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 533.21                     | Dynamic            | 2580.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/25/13  | 356.47                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 544.16                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 355.91                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 544.71                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/30/13 | 359.61                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 536.89                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  |                            | 522.00                     | Dynamic            | 2591.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 522.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 358.72                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/25/14  |                            | 358.72                     | Static             | 2754.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/25/14  |                            | 517.78                     | Dynamic            | 2595.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 517.78                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/28/14  |                            | 356.88                     | Dynamic            | 2756.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  |                            | 514.60                     | Dynamic            | 2598.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 514.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 499.00                     | Dynamic            | 2614.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 499.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 483.40                     | Dynamic            | 2629.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 482.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 457.10                     | Dynamic            | 2656.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 457.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 355.00                     | Static             | 2758.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 355.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 458.25                     | Dynamic            | 2655.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 457.75                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 475.15                     | Dynamic            | 2638.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 474.65                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 466.90                     | Dynamic            | 2646.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 466.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 399.90                     | Dynamic            | 2713.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 407.60                     | Dynamic            | 2705.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 359.80                     | Static             | 2753.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 404.85                     | Dynamic            | 2708.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 403.40                     | Dynamic            | 2709.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 399.65                     | Dynamic            | 2713.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 409.25                     | Dynamic            | 2704.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 416.10                     | Dynamic            | 2697.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 401.60                     | Dynamic            | 2711.69                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 394.75                     | Dynamic            | 2718.54                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 389.90                     | Dynamic            | 2723.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 349.62                     | Static             | 2763.67                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/19/17  |                            | 390.30                     | Dynamic            | 2722.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 349.20                     | Static             | 2764.09                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 345.15                     | Static             | 2768.14                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 346.90                     | Static             | 2766.39                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 447.85                     | Static             | 2665.44                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 349.85                     | Static             | 2763.44                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 345.15                     | Static             | 2768.14                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-25     | 219596                        | 3521718.000                                                          | 497640.600                                                          | 3091.66                                      | 10/28/10 | 351.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/28/10 | 375.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/21/12  | 400.85                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/12  | 380.50                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 465.37                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/25/12  | 380.20                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/28/12  | 462.88                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/12 | 427.43                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 422.52                     | Dynamic            | 2669.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/26/13  | 380.43                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 451.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 378.56                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 451.58                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/31/13 | 384.18                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 452.68                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 388.78                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 447.14                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 445.09                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 442.11                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 436.90                     | Dynamic            | 2654.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 436.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 434.97                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 436.10                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 379.50                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 442.32                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 437.37                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 440.87                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 433.00                     | Dynamic            | 2658.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 439.70                     | Dynamic            | 2651.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 439.40                     | Dynamic            | 2652.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 444.75                     | Dynamic            | 2646.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 441.50                     | Dynamic            | 2650.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 439.05                     | Dynamic            | 2652.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 443.00                     | Dynamic            | 2648.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 438.75                     | Dynamic            | 2652.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 424.75                     | Dynamic            | 2666.91                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 417.30                     | Dynamic            | 2674.36                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 416.90                     | Dynamic            | 2674.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 413.50                     | Dynamic            | 2678.16                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/19/17  |                            | 425.50                     | Dynamic            | 2666.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 405.65                     | Dynamic            | 2686.01                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 413.47                     | Dynamic            | 2678.19                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 412.90                     | Dynamic            | 2678.76                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 419.40                     | Dynamic            | 2672.26                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 379.70                     | Static             | 2711.96                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 362.90                     | Static             | 2728.76                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-26     | 219143                        | 3522307.296                                                          | 497652.833                                                          | 3100.03                                      | 10/10/10 | 361.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/10/10 | 394.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/21/12  | 484.33                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/12  | 376.70                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 487.67                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/25/12  | 376.70                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/28/12  | 481.21                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/12 | 493.38                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 492.21                     | Dynamic            | 2607.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/26/13  | 384.32                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 494.16                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 383.28                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 494.24                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/29/13 | 384.54                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/31/13 | 384.21                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 382.75                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 382.88                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 380.61                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 380.55                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 379.35                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 376.80                     | Static             | 2723.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 376.80                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 378.29                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 377.60                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 377.60                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 377.69                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 377.89                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 379.19                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 432.60                     | Dynamic            | 2667.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 436.70                     | Dynamic            | 2663.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 439.30                     | Dynamic            | 2660.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 441.60                     | Dynamic            | 2658.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 442.95                     | Dynamic            | 2657.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 441.10                     | Dynamic            | 2658.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 445.15                     | Dynamic            | 2654.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 443.85                     | Dynamic            | 2656.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 437.40                     | Dynamic            | 2662.63                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 431.20                     | Dynamic            | 2668.83                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 428.00                     | Dynamic            | 2672.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 378.60                     | Static             | 2721.43                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/19/17  |                            | 423.20                     | Dynamic            | 2676.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 414.45                     | Dynamic            | 2685.58                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 412.90                     | Dynamic            | 2687.13                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 416.60                     | Dynamic            | 2683.43                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 416.70                     | Dynamic            | 2683.33                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 382.20                     | Static             | 2717.83                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 371.60                     | Static             | 2728.43                               | BW             |



**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-27     | 219136                        | 3522650.014                                                          | 497600.5655                                                         | 3120.33                                      | 12/3/10  | 378.50                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/3/10  | 393.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  | 416.34                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/30/13 | 395.56                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 395.04                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 395.21                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 394.70                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 418.11                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 394.72                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 394.32                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   |                            | 393.50                     | Static             | 2726.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   | 393.50                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 392.32                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 392.50                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 392.70                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 393.02                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 455.07                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 459.52                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 457.85                     | Dynamic            | 2662.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 466.20                     | Dynamic            | 2654.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 471.10                     | Dynamic            | 2649.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 468.55                     | Dynamic            | 2651.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 468.00                     | Dynamic            | 2652.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 458.95                     | Dynamic            | 2661.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 470.00                     | Dynamic            | 2650.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 473.25                     | Dynamic            | 2647.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 464.25                     | Dynamic            | 2656.08                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 458.35                     | Dynamic            | 2661.98                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 458.80                     | Dynamic            | 2661.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 396.75                     | Static             | 2723.58                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/19/17  |                            | 450.02                     | Dynamic            | 2670.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 439.65                     | Dynamic            | 2680.68                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 438.60                     | Dynamic            | 2681.73                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 432.40                     | Dynamic            | 2687.93                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 428.55                     | Dynamic            | 2691.78                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 396.25                     | Static             | 2724.08                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 409.20                     | Dynamic            | 2711.13                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-28     | 219137                        | 3523174.867                                                          | 497652.833                                                          | 3110.71                                      | 1/5/11   | 382.00                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/5/11   | 409.00                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/12  | 439.61                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/30/12  | 392.40                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/12  | 451.37                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/25/12  | 392.40                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/28/12  | 449.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/27/12 | 451.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/15/13  |                            | 447.89                     | Dynamic            | 2662.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/26/13  | 403.12                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/13  | 453.58                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/1/13   | 401.30                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 9/30/13  | 454.16                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/31/13 | 405.26                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/28/13 | 442.66                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/9/13  | 405.53                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 424.78                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/24/14  | 405.49                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/31/14  | 439.97                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 440.07                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 434.70                     | Dynamic            | 2676.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 434.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 432.39                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 431.80                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 400.95                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 433.44                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 433.39                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 434.49                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 434.70                     | Dynamic            | 2676.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 434.50                     | Dynamic            | 2676.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 434.50                     | Dynamic            | 2676.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 437.10                     | Dynamic            | 2673.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 443.25                     | Dynamic            | 2667.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 441.50                     | Dynamic            | 2669.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 444.20                     | Dynamic            | 2666.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 441.50                     | Dynamic            | 2669.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 439.20                     | Dynamic            | 2671.51                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | UTM                        |                    | NA                                    | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 435.45                     | Dynamic            | 2675.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 404.35                     | Static             | 2706.36                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/19/17  |                            | 434.52                     | Dynamic            | 2676.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 433.65                     | Dynamic            | 2677.06                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 429.30                     | Dynamic            | 2681.41                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 424.70                     | Dynamic            | 2686.01                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 421.50                     | Dynamic            | 2689.21                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 398.40                     | Static             | 2712.31                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/29/19  |                            | 409.65                     | 3253               | 2701.06                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| IW-29     | 222865                        | 3523070.624                                                          | 498081.4978                                                         | 3088.00                                      | 5/12/14  |                            | 389.50                     | Static             | 2698.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/14  | 389.75                     |                            | Static             |                                       | BW, 2015b      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 394.7                      |                            | Static             |                                       | BW, 2015b      |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 436.10                     | Dynamic            | 2651.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 437.85                     | Dynamic            | 2650.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 437.80                     | Dynamic            | 2650.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/18/15  |                            | 437.60                     | Dynamic            | 2650.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 408.50                     | Static             | 2679.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 437.88                     | Dynamic            | 2650.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 407.90                     | Static             | 2680.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 437.60                     | Dynamic            | 2650.40                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 437.52                     | Dynamic            | 2650.48                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/29/16  |                            | 434.10                     | Dynamic            | 2653.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 437.55                     | Dynamic            | 2650.45                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/19/17  |                            | 438.20                     | Dynamic            | 2649.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 437.60                     | Dynamic            | 2650.40                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 437.85                     | Dynamic            | 2650.15                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 437.60                     | Dynamic            | 2650.40                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 437.80                     | Dynamic            | 2650.20                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 404.95                     | Static             | 2683.05                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 430.90                     | Dynamic            | 2657.10                               | BW             |
| M-1       | 85228                         | 3531163.257                                                          | 500054.877                                                          | 2959.57                                      | 5/2/19   |                            | 470.58                     | Static             | 2488.99                               | Sierrita       |
| M-5       | 87387                         | 3530799.154                                                          | 499640.485                                                          | 2994.14                                      | 6/16/15  |                            | 490.32                     | Static             | 2503.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/17/15 |                            | 494.45                     | Static             | 2499.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/15/16  |                            | 494.60                     | Static             | 2499.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 494.92                     | Static             | 2499.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/17/17  |                            | 499.12                     | Static             | 2495.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/13/17 |                            | 507.50                     | Static             | 2486.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/8/18   |                            | 508.92                     | Static             | 2485.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/18 |                            | 513.21                     | Static             | 2480.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/19   |                            | 507.65                     | Static             | 2486.49                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| M-8       | 87390                         | 3529692.237                                                          | 499658.916                                                          | 2996.96                                      | 1/15/07  |                            | 460.92                     |                    | 2536.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/16/07  |                            | 458.83                     |                    | 2538.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/10/07  |                            | 462.57                     |                    | 2534.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/8/07  |                            | 465.65                     |                    | 2531.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/9/08   |                            | 464.68                     |                    | 2532.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/14/08  |                            | 462.50                     |                    | 2534.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/25/08  |                            | 466.18                     |                    | 2530.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/08 |                            | 468.82                     |                    | 2528.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/20/09  |                            | 466.25                     |                    | 2530.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/12/09  |                            | 465.10                     |                    | 2531.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/5/09  |                            | 465.60                     |                    | 2531.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/28/10  |                            | 466.61                     |                    | 2530.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/21/10 |                            | 471.61                     |                    | 2525.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/15/11  |                            | 467.35                     |                    | 2529.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/17/11 |                            | 471.23                     |                    | 2525.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/29/12  |                            | 464.98                     |                    | 2531.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/29/12 |                            | 472.66                     |                    | 2524.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/17/13  |                            | 466.32                     |                    | 2530.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/13  |                            | 464.70                     |                    | 2532.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/29/13 |                            | 472.55                     |                    | 2524.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 472.63                     |                    | 2524.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/22/14  |                            | 473.69                     |                    | 2523.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/8/14   |                            | 473.53                     |                    | 2523.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 476.70                     | Static             | 2520.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 479.96                     |                    | 2517.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 480.13                     |                    | 2516.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 481.99                     | Static             | 2514.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 484.31                     |                    | 2512.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 484.66                     |                    | 2512.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/14 |                            | 484.74                     | Static             | 2512.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 484.88                     | Static             | 2512.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 484.93                     | Static             | 2512.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/19/15  |                            | 484.02                     | Static             | 2512.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/6/15   |                            | 484.53                     | Static             | 2512.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 486.24                     | Static             | 2510.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/1/15   |                            | 486.56                     | Static             | 2510.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/31/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/26/15 |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/17/15 |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/9/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/7/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/8/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/25/16  |                            | 496.75                     | Static             | 2500.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/27/16 |                            | 499.00                     | Static             | 2497.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/17/17  |                            | 499.46                     | Static             | 2497.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/8/17   |                            | 499.98                     | Static             | 2496.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/10/17  |                            | 504.25                     | Static             | 2492.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/2/17  |                            | 507.95                     | Static             | 2489.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/9/18   |                            | 507.59                     | Static             | 2489.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/29/18  |                            | 507.50                     | Static             | 2489.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/9/18   |                            | 508.42                     | Static             | 2488.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/6/18  |                            | 514.12                     | Static             | 2482.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/16/19  |                            | 510.69                     | Static             | 2486.27                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| M-9       | 501652                        | 3530303.806                                                          | 499984.132                                                          | 2971.02                                      | 7/18/06  |                            | 442.70                     |                    | 2528.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/15/07  |                            | 445.76                     |                    | 2525.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/10/07  |                            | 450.75                     |                    | 2520.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/8/07  |                            | 453.15                     |                    | 2517.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/8/08   |                            | 447.50                     |                    | 2523.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/14/08  |                            | 448.50                     |                    | 2522.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/21/08  |                            | 454.27                     |                    | 2516.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/08 |                            | 457.72                     |                    | 2513.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/20/09  |                            | 450.78                     |                    | 2520.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 452.00                     |                    | 2519.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/16/10  |                            | 453.85                     |                    | 2517.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/11   |                            | 452.35                     |                    | 2518.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/27/12  |                            | 455.78                     |                    | 2515.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/1/13   |                            | 473.80                     |                    | 2497.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 483.66                     |                    | 2487.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/22/14  |                            | 464.39                     |                    | 2506.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/8/14   |                            | 464.37                     |                    | 2506.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 457.78                     |                    | 2513.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 461.34                     |                    | 2509.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 462.06                     |                    | 2508.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 463.43                     | Static             | 2507.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 464.55                     |                    | 2506.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 466.10                     |                    | 2504.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/14 |                            | 467.81                     | Static             | 2503.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/20/15  |                            | 461.04                     | Static             | 2509.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 465.19                     | Static             | 2505.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/19/15  |                            | 460.12                     | Static             | 2510.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/6/15   |                            | 460.84                     | Static             | 2510.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 461.18                     | Static             | 2509.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/1/15   |                            | 461.29                     | Static             | 2509.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | 467.84                     | Static             | 2503.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/31/15  |                            | 469.81                     | Static             | 2501.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/17/15 |                            | 470.74                     | Static             | 2500.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | 466.20                     | Static             | 2504.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/9/16   |                            | 465.51                     | Static             | 2505.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/7/16   |                            | 465.39                     | Static             | 2505.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/16  |                            | 466.80                     | Static             | 2504.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/24/16  |                            | 473.63                     | Static             | 2497.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 474.77                     | Static             | 2496.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/11/17  |                            | 471.26                     | Static             | 2499.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/8/17   |                            | 474.45                     | Static             | 2496.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/10/17  |                            | 479.57                     | Static             | 2491.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/2/17  |                            | 483.45                     | Static             | 2487.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/9/18   |                            | 480.40                     | Static             | 2490.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/9/18   |                            | 483.24                     | Static             | 2487.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/18 |                            | 489.12                     | Static             | 2481.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/19  |                            | 483.17                     | Static             | 2487.85                               | Sierrita       |

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**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| M-10      | 501653                        | 3530143.001                                                          | 499658.969                                                          | 3002.69                                      | 7/18/06  |                            | 472.72                     |                    | 2529.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/15/07  |                            | 473.65                     |                    | 2529.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/16/07  |                            | 471.47                     |                    | 2531.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/10/07  |                            | 477.16                     |                    | 2525.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/8/07  |                            | 478.45                     |                    | 2524.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/8/08   |                            | 477.60                     |                    | 2525.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/14/08  |                            | 475.48                     |                    | 2527.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/21/08  |                            | 480.15                     |                    | 2522.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/08 |                            | 483.70                     |                    | 2518.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/20/09  |                            | 475.85                     |                    | 2526.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/12/09  |                            | 478.80                     |                    | 2523.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/5/09  |                            | 481.20                     |                    | 2521.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/4/10   |                            | 480.29                     |                    | 2522.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/21/10 |                            | 486.40                     |                    | 2516.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/10/11  |                            | 478.33                     |                    | 2524.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/16/11 |                            | 484.66                     |                    | 2518.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/25/12  |                            | 482.73                     |                    | 2519.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/29/12 |                            | 486.64                     |                    | 2516.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/17/13  |                            | 478.63                     |                    | 2524.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/29/13 |                            | 486.07                     |                    | 2516.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/22/14  |                            | 483.06                     | Static             | 2519.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 493.67                     | Static             | 2509.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/6/15   |                            | 491.46                     | Static             | 2511.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/26/15 |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/9/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/8/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/5/16  |                            | 503.92                     | Static             | 2498.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/17/17  |                            | 504.16                     | Static             | 2498.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/8/17   |                            | 505.32                     | Static             | 2497.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/10/17  |                            | 510.00                     | Static             | 2492.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/2/17  |                            | 513.65                     | Static             | 2489.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/9/18   |                            | 512.06                     | Static             | 2490.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/9/18   |                            | 513.21                     | Static             | 2489.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/6/18  |                            | 520.04                     | Static             | 2482.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/19  |                            | 514.93                     | Static             | 2487.76                               | Sierrita       |
| M-11      | 501654                        | 3530757.848                                                          | 500267.433                                                          | 2938.82                                      | 6/16/15  |                            | 433.11                     | Static             | 2505.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/17/15 |                            | 435.43                     | Static             | 2503.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/15/16  |                            | 437.35                     | Static             | 2501.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 439.08                     | Static             | 2499.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/17/17  |                            | 455.78                     | Static             | 2483.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/9/17  |                            | 449.40                     | Static             | 2489.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/8/18   |                            | 451.91                     | Static             | 2486.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/18 |                            | 454.89                     | Static             | 2483.93                               | Sierrita       |
| M-13      | 508428                        | 3530907.067                                                          | 498739.360                                                          | 3077.00                                      | 5/2/19   |                            | 449.58                     | Static             | 2489.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/18/15  |                            | 569.71                     | Static             | 2507.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/17/15 |                            | 574.92                     | Static             | 2502.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/15/16  |                            | 573.72                     | Static             | 2503.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 575.10                     | Static             | 2501.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/17/17  |                            | 577.90                     | Static             | 2499.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/9/17  |                            | 587.07                     | Static             | 2489.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/8/18   |                            | 587.71                     | Static             | 2489.29                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| M-20      | 906595                        | 3528491.771                                                          | 499082.070                                                          | 3054.00                                      | 7/18/06  |                            | 484.18                     |                    | 2569.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/15/07  |                            | 489.14                     |                    | 2564.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/10/07  |                            | 486.70                     |                    | 2567.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/12/07  |                            | 493.26                     |                    | 2560.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/9/08   |                            | 495.80                     |                    | 2558.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/14/08  |                            | 494.22                     |                    | 2559.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/25/08  |                            | 493.70                     |                    | 2560.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/08 |                            | 498.00                     |                    | 2556.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/20/09  |                            | 497.75                     |                    | 2556.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/12/09  |                            | 496.80                     |                    | 2557.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/28/10  |                            | 498.51                     |                    | 2555.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/9/11   |                            | 499.14                     |                    | 2554.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/26/12  |                            | 500.50                     |                    | 2553.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/23/13  |                            | 499.65                     |                    | 2554.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/22/14  |                            | 511.42                     | Static             | 2542.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/27/15  |                            | 529.31                     | Static             | 2524.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/18/15 |                            | 536.18                     | Static             | 2517.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/26/16  |                            | 538.43                     | Static             | 2515.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 539.96                     | Static             | 2514.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/8/17   |                            | 545.90                     | Static             | 2508.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/13/17 |                            | 553.71                     | Static             | 2500.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/18  |                            | 553.91                     | Static             | 2500.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/21/18  |                            | 556.53                     | Static             | 2497.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/18 |                            | 558.51                     | Static             | 2495.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/16/19  |                            | 556.21                     | Static             | 2497.79                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MC-1      | 221660                        | 3525205.004                                                          | 498909.7433                                                         | 3038.621                                     | 5/22/13  | 418.97                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/13  | 435.55                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14  |                            | 440.93                     | Dynamic            | 2597.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14  | 440.93                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14  |                            | 437.02                     | Dynamic            | 2601.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14  | 437.02                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 442.57                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/29/14  |                            | 442.57                     | Dynamic            | 2596.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/5/14   | 443.86                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/12/14  | 444.84                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/13/14  |                            | 447.98                     | Dynamic            | 2590.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 455.31                     | Dynamic            | 2583.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 455.31                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 456.50                     | Dynamic            | 2582.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 456.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 458.90                     | Dynamic            | 2579.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 458.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 460.50                     | Dynamic            | 2578.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 460.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 462.20                     | Dynamic            | 2576.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 462.20                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 450.25                     | Static             | 2588.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 449.75                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 466.80                     | Dynamic            | 2571.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 466.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 468.10                     | Dynamic            | 2570.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 467.60                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/4/15   |                            | 469.30                     | Dynamic            | 2569.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/4/15   |                            | 469.65                     | Dynamic            | 2568.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/3/15   |                            | 470.90                     | Dynamic            | 2567.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 472.20                     | Dynamic            | 2566.42                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 473.40                     | Dynamic            | 2565.22                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 460.25                     | Static             | 2578.37                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 475.74                     | Dynamic            | 2562.88                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 8/18/15  |                            | 462.52                     | Static             | 2576.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 478.15                     | Dynamic            | 2560.47                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 479.70                     | Dynamic            | 2558.92                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 480.90                     | Dynamic            | 2557.72                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 481.30                     | Dynamic            | 2557.32                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 482.20                     | Dynamic            | 2556.42                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/8/16   |                            | 483.60                     | Dynamic            | 2555.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 488.55                     | Dynamic            | 2550.07                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/17/17  |                            | 491.06                     | Dynamic            | 2547.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 492.05                     | Dynamic            | 2546.57                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 494.03                     | Dynamic            | 2544.59                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 493.15                     | Dynamic            | 2545.47                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 493.80                     | Dynamic            | 2544.82                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 495.40                     | Dynamic            | 2543.22                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 477.95                     | Static             | 2560.67                               | BW             |



**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MC-2      | 221761                        | 3526364.957                                                          | 499370.0612                                                         | 3008.28                                      | 3/24/13  | 412.55                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/24/13  | 431.52                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/14/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 440.68                     | Dynamic            | 2567.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/14  |                            | 440.66                     | Dynamic            | 2567.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/14  | 440.66                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/14  |                            | 442.47                     | Dynamic            | 2565.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/14  | 442.47                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 442.47                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 443.70                     | Dynamic            | 2564.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 443.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 445.80                     | Dynamic            | 2562.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 445.63                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 447.50                     | Dynamic            | 2560.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 447.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 449.30                     | Dynamic            | 2558.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 449.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 442.65                     | Static             | 2565.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 442.48                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 453.60                     | Dynamic            | 2554.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 453.43                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 454.75                     | Dynamic            | 2553.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 454.58                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/4/15   |                            | 456.40                     | Dynamic            | 2551.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/3/15   |                            | 457.95                     | Dynamic            | 2550.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 459.20                     | Dynamic            | 2549.08                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 460.65                     | Dynamic            | 2547.63                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 453.20                     | Static             | 2555.08                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 463.20                     | Dynamic            | 2545.08                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 8/18/15  |                            | 464.40                     | Dynamic            | 2543.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 465.95                     | Dynamic            | 2542.33                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 466.50                     | Dynamic            | 2541.78                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 467.70                     | Dynamic            | 2540.58                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 468.13                     | Dynamic            | 2540.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 468.35                     | Dynamic            | 2539.93                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 469.40                     | Dynamic            | 2538.88                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/8/16   |                            | 468.15                     | Dynamic            | 2540.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 476.00                     | Dynamic            | 2532.28                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 478.55                     | Dynamic            | 2529.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 491.25                     | Static             | 2517.03                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 482.35                     | Dynamic            | 2525.93                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 473.72                     | Static             | 2534.56                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 471.40                     | Static             | 2536.88                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MC-3      | 221661                        | 3527484.047                                                          | 498844.3888                                                         | 3062.33                                      | 12/3/12  | 491.98                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/3/12  | 507.05                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/13/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/14  |                            | 515.62                     | Dynamic            | 2546.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/14  |                            | 515.62                     | Dynamic            | 2546.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/14  | 515.62                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/14  |                            | 516.21                     | Dynamic            | 2546.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/14  | 516.21                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 516.21                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 517.70                     | Dynamic            | 2544.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   | 517.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 519.50                     | Dynamic            | 2542.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 518.83                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 521.40                     | Dynamic            | 2540.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 521.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 522.95                     | Dynamic            | 2539.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 522.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 519.75                     | Static             | 2542.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 519.08                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 527.25                     | Dynamic            | 2535.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 526.58                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 528.65                     | Dynamic            | 2533.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 527.98                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/4/15   |                            | 530.50                     | Dynamic            | 2531.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/4/15   |                            | 531.21                     | Dynamic            | 2531.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/3/15   |                            | 532.10                     | Dynamic            | 2530.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 533.10                     | Dynamic            | 2529.23                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 534.05                     | Dynamic            | 2528.28                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 531.35                     | Static             | 2530.98                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 536.45                     | Dynamic            | 2525.88                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 8/18/15  |                            | 537.60                     | Dynamic            | 2524.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 538.84                     | Dynamic            | 2523.49                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 539.80                     | Dynamic            | 2522.53                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 540.85                     | Dynamic            | 2521.48                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 541.37                     | Dynamic            | 2520.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 542.04                     | Dynamic            | 2520.29                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 542.70                     | Dynamic            | 2519.63                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/8/16   |                            | 543.60                     | Dynamic            | 2518.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 548.30                     | Dynamic            | 2514.03                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/17/17  |                            | 550.68                     | Dynamic            | 2511.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 547.57                     | Static             | 2514.76                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 554.03                     | Dynamic            | 2508.30                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 552.11                     | Static             | 2510.22                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 555.70                     | Dynamic            | 2506.63                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 558.25                     | Dynamic            | 2504.08                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 550.85                     | Static             | 2511.48                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MC-4      | 220842                        | 3527783.668                                                          | 498585.3043                                                         | 3096.035                                     | 8/13/12  | 530.67                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/13/12  | 548.72                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/13/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/14  |                            | 560.86                     | Dynamic            | 2535.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/14  |                            | 560.86                     | Dynamic            | 2535.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/14  | 560.86                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/14  |                            | 561.09                     | Dynamic            | 2534.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/14  | 561.09                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 561.09                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   |                            | 561.90                     | Dynamic            | 2534.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   | 561.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 564.00                     | Dynamic            | 2532.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 563.06                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 565.70                     | Dynamic            | 2530.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 565.70                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 567.25                     | Dynamic            | 2528.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 567.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 558.80                     | Static             | 2537.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 557.86                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 572.20                     | Dynamic            | 2523.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 571.26                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 573.70                     | Dynamic            | 2522.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 572.76                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/4/15   |                            | 575.35                     | Dynamic            | 2520.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/4/15   |                            | 576.10                     | Dynamic            | 2519.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/3/15   |                            | 576.95                     | Dynamic            | 2519.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 577.95                     | Dynamic            | 2518.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 579.10                     | Dynamic            | 2516.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | 569.10                     | Static             | 2526.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 581.40                     | Dynamic            | 2514.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/18/15  |                            | 582.70                     | Dynamic            | 2513.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 585.00                     | Dynamic            | 2511.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 586.30                     | Dynamic            | 2509.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 586.45                     | Dynamic            | 2509.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 587.55                     | Dynamic            | 2508.49                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 588.35                     | Dynamic            | 2507.69                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/8/16   |                            | 589.21                     | Dynamic            | 2506.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 594.10                     | Dynamic            | 2501.94                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/17/17  |                            | 596.63                     | Dynamic            | 2499.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 598.30                     | Dynamic            | 2497.74                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 600.50                     | Dynamic            | 2495.54                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 603.80                     | Dynamic            | 2492.24                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 603.40                     | Dynamic            | 2492.64                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 603.50                     | Dynamic            | 2492.54                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 591.10                     | Static             | 2504.94                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-1      | 803629                        | 3525872.911                                                          | 497372.392                                                          | 3179.27                                      | 11/21/06 |                            | 443.90                     |                    | 2735.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/10/07  |                            | 444.15                     |                    | 2735.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/20/07  |                            | 442.70                     |                    | 2736.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/3/07   |                            | 441.33                     |                    | 2737.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/8/07  |                            | 440.10                     |                    | 2739.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/08  |                            | 439.97                     |                    | 2739.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/24/08  |                            | 440.44                     |                    | 2738.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/08   |                            | 439.65                     |                    | 2739.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/08 |                            | 441.45                     |                    | 2737.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/17/09  |                            | 440.90                     |                    | 2738.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/09   |                            | 440.70                     |                    | 2738.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/13/10  |                            | 438.62                     |                    | 2740.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/19/11  |                            | 436.65                     |                    | 2742.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/12  |                            | 436.95                     |                    | 2742.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/14  |                            | 448.90                     |                    | 2730.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/4/15   |                            | 460.67                     | Static             | 2718.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/18/15 |                            | 467.79                     | Static             | 2711.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/15/16  |                            | 470.26                     | Static             | 2709.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 475.20                     | Static             | 2704.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/17  |                            | 463.63                     | Static             | 2715.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/23/17 |                            | 461.70                     | Static             | 2717.57                               | Sierrita       |
| MH-3      | 803630                        | 3525270.181                                                          | 497472.430                                                          | 3155.87                                      | 6/11/18  |                            | 461.50                     | Static             | 2717.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/18 |                            | 462.02                     | Static             | 2717.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/1/19   |                            | 460.61                     | Static             | 2718.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/18/06 |                            | 427.70                     |                    | 2728.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/23/07  |                            | 427.31                     |                    | 2728.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/23/07  |                            | 425.51                     |                    | 2730.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/21/07  |                            | 424.22                     |                    | 2731.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/20/07 |                            | 422.15                     |                    | 2733.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/19/08  |                            | 424.80                     |                    | 2731.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/08  |                            | 425.44                     |                    | 2730.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 424.15                     |                    | 2731.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 426.10                     |                    | 2729.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/17/09  |                            | 425.46                     |                    | 2730.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/09   |                            | 425.18                     |                    | 2730.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/13/10  |                            | 418.92                     |                    | 2736.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/19/11  |                            | 420.10                     |                    | 2735.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/12  |                            | 419.53                     |                    | 2736.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/2/13   |                            | 425.84                     |                    | 2730.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 433.09                     |                    | 2722.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | 436.44                     |                    | 2719.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 436.40                     |                    | 2719.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/14  |                            | 436.38                     |                    | 2719.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   |                            | 439.20                     |                    | 2716.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 440.46                     |                    | 2715.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 441.45                     | Static             | 2714.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 441.25                     |                    | 2714.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 441.30                     |                    | 2714.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/20/14 |                            | 441.33                     | Static             | 2714.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 441.35                     | Static             | 2714.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 441.33                     | Static             | 2714.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 445.39                     | Static             | 2710.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/15  |                            | 445.36                     | Static             | 2710.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 445.34                     | Static             | 2710.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/3/15   |                            | 445.40                     | Static             | 2710.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | 448.90                     | Static             | 2706.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 450.58                     | Static             | 2705.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | 453.46                     | Static             | 2702.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | 453.66                     | Static             | 2702.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 453.79                     | Static             | 2702.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/11/16  |                            | 453.87                     | Static             | 2702.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/23/16  |                            | 451.18                     | Static             | 2704.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 452.40                     | Static             | 2703.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/17  |                            | 449.91                     | Static             | 2705.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/17 |                            | 447.70                     | Static             | 2708.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/18  |                            | 449.02                     | Static             | 2706.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/18 |                            | 448.81                     | Static             | 2707.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/1/19   |                            | 443.07                     | Static             | 2712.80                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-5      | 803632                        | 3523725.339                                                          | 497477.352                                                          | 3123.47                                      | 11/21/06 |                            | 389.22                     |                    | 2734.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/07  |                            | 390.70                     |                    | 2732.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/20/07  |                            | 391.60                     |                    | 2731.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/3/07   |                            | 391.66                     |                    | 2731.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/8/07  |                            | 392.95                     |                    | 2730.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/08  |                            | 391.40                     |                    | 2732.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/24/08  |                            | 390.30                     |                    | 2733.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/08   |                            | 391.55                     |                    | 2731.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/08 |                            | 391.98                     |                    | 2731.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/17/09  |                            | 391.33                     |                    | 2732.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/09   |                            | 391.30                     |                    | 2732.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/13/10  |                            | 381.47                     |                    | 2742.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/11  |                            | 387.96                     |                    | 2735.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/14/12  |                            | 398.80                     |                    | 2724.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/23/13  |                            | 403.59                     |                    | 2719.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/28/14  |                            | 408.22                     |                    | 2715.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/16/15  |                            | 408.45                     | Static             | 2715.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/18/15 |                            | 416.66                     | Static             | 2706.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/15/16  |                            | 411.64                     | Static             | 2711.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 418.54                     | Static             | 2704.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/17  |                            | 415.96                     | Static             | 2707.51                               | Sierrita       |
| MH-6      | 803633                        | 3522770.451                                                          | 497436.646                                                          | 3133.97                                      | 10/23/17 |                            | 411.35                     | Static             | 2712.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/18  |                            | 407.50                     | Static             | 2715.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/18 |                            | 407.46                     | Static             | 2716.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/1/19   |                            | 404.65                     | Static             | 2718.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/06 |                            | 381.65                     |                    | 2752.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/9/07   |                            | 378.32                     |                    | 2755.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/20/07  |                            | 374.80                     |                    | 2759.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/3/07   |                            | 379.00                     |                    | 2754.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/8/07  |                            | 380.30                     |                    | 2753.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/08  |                            | 379.15                     |                    | 2754.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/24/08  |                            | 379.20                     |                    | 2754.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/08   |                            | 379.50                     |                    | 2754.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/08 |                            | 379.50                     |                    | 2754.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/17/09  |                            | 378.52                     |                    | 2755.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/09   |                            | 379.45                     |                    | 2754.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/13/10  |                            | 389.35                     |                    | 2744.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/17/11  |                            | 387.85                     |                    | 2746.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/7/12   |                            | 382.63                     |                    | 2751.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/2/13   |                            | 402.02                     |                    | 2731.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/14  |                            | 403.91                     |                    | 2730.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/4/15   |                            | 403.20                     | Static             | 2730.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/18/15 |                            | 412.41                     | Static             | 2721.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/15/16  |                            | 382.92                     | Static             | 2751.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 388.37                     | Static             | 2745.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/17  |                            | 381.51                     | Static             | 2752.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/23/17 |                            | 376.60                     | Static             | 2757.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/18  |                            | 378.13                     | Static             | 2755.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/18 |                            | 380.67                     | Static             | 2753.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/1/19   |                            | 376.55                     | Static             | 2757.42                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-7      | 803634                        | 3522016.471                                                          | 497502.475                                                          | 3111.23                                      | 11/21/06 |                            | 357.85                     |                    | 2753.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/07  |                            | 360.20                     |                    | 2751.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/20/07  |                            | 368.20                     |                    | 2743.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/3/07   |                            | 370.20                     |                    | 2741.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/8/07  |                            | 370.60                     |                    | 2740.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/08  |                            | 371.00                     |                    | 2740.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/24/08  |                            | 370.92                     |                    | 2740.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/8/08   |                            | 372.22                     |                    | 2739.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/08 |                            | 373.20                     |                    | 2738.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/17/09  |                            | 372.48                     |                    | 2738.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/09   |                            | 371.53                     |                    | 2739.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/13/10  |                            | 372.63                     |                    | 2738.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/11  |                            | 368.76                     |                    | 2742.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/14/12  |                            | 381.09                     |                    | 2730.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/23/13  |                            | 391.31                     |                    | 2719.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/14  |                            | 389.57                     |                    | 2721.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/4/15   |                            | 392.63                     | Static             | 2718.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/18/15 |                            | 393.67                     | Static             | 2717.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/15/16  |                            | 383.49                     | Static             | 2727.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 394.20                     | Static             | 2717.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/17  |                            | 382.16                     | Static             | 2729.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/23/17 |                            | 373.60                     | Static             | 2737.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/18  |                            | 378.30                     | Static             | 2732.93                               | Sierrita       |
| MH-9      | 803635                        | 3521252.607                                                          | 496438.181                                                          | 3162.57                                      | 11/15/18 |                            | 384.10                     | Static             | 2727.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/1/19   |                            | 373.20                     | Static             | 2738.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/8/06  |                            | 380.58                     |                    | 2781.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/9/07   |                            | 362.10                     |                    | 2800.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/20/07  |                            | 363.60                     |                    | 2798.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/3/07   |                            | 365.25                     |                    | 2797.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/8/07  |                            | 367.95                     |                    | 2794.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/08  |                            | 368.58                     |                    | 2793.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/24/08  |                            | 367.08                     |                    | 2795.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/8/08   |                            | 370.38                     |                    | 2792.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/08 |                            | 371.70                     |                    | 2790.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/17/09  |                            | 371.97                     |                    | 2790.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/09   |                            | 370.30                     |                    | 2792.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/10  |                            | 373.30                     |                    | 2789.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/19/11  |                            | 375.11                     |                    | 2787.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/26/12  |                            | 380.49                     |                    | 2782.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/23/13  |                            | 386.04                     |                    | 2776.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 390.22                     |                    | 2772.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | 390.54                     |                    | 2772.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 390.45                     |                    | 2772.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/14  |                            | 390.41                     |                    | 2772.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/14  |                            | 388.82                     |                    | 2773.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 387.62                     |                    | 2774.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 387.00                     | Static             | 2775.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 387.73                     |                    | 2774.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 388.10                     |                    | 2774.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/21/14 |                            | 388.40                     | Static             | 2774.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 388.56                     | Static             | 2774.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 388.62                     | Static             | 2773.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 388.39                     | Static             | 2774.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/15  |                            | 388.42                     | Static             | 2774.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 388.45                     | Static             | 2774.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/3/15   |                            | 388.51                     | Static             | 2774.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | 389.72                     | Static             | 2772.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 388.55                     | Static             | 2774.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | 388.62                     | Static             | 2773.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | 388.77                     | Static             | 2773.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 388.70                     | Static             | 2773.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/11/16  |                            | 388.64                     | Static             | 2773.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/23/16  |                            | 387.85                     | Static             | 2774.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 388.71                     | Static             | 2773.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/17  |                            | 385.93                     | Static             | 2776.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/17 |                            | 383.00                     | Static             | 2779.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/18  |                            | 379.73                     | Static             | 2782.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/18 |                            | 383.76                     | Static             | 2778.81                               | Sierrita       |

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**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-10     | 803636                        | 3521236.861                                                          | 495717.770                                                          | 3187.84                                      | 11/8/06  |                            | 346.70                     |                    | 2841.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/9/07   |                            | 364.80                     |                    | 2823.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/3/07   |                            | 355.65                     |                    | 2832.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/16/07  |                            |                            |                    | #VALUE!                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/16/07 |                            | 357.60                     |                    | 2830.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/3/08   |                            | 358.32                     |                    | 2829.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/08  |                            | 358.83                     |                    | 2829.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/08  |                            | 358.50                     |                    | 2829.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/08  |                            | 360.00                     |                    | 2827.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/2/09   |                            | 360.15                     |                    | 2827.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/14/09  |                            | 363.50                     |                    | 2824.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/26/10  |                            | 362.04                     |                    | 2825.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/18/11  |                            | 363.39                     |                    | 2824.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/5/12   |                            | 366.25                     |                    | 2821.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/10/13  |                            | 369.96                     |                    | 2817.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/23/14  |                            | 371.84                     | Static             | 2816.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/14/15  |                            | 374.09                     | Static             | 2813.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/18/15 |                            | 375.39                     | Static             | 2812.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/8/16   |                            | 375.14                     | Static             | 2812.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 375.43                     | Static             | 2812.41                               | Sierrita       |
| MH-11     | 803637                        | 3524463.648                                                          | 498749.381                                                          | 3041.76                                      | 5/14/17  |                            | 374.18                     | Static             | 2813.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/17 |                            | 373.01                     | Static             | 2814.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/23/18  |                            | 372.58                     | Static             | 2815.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/17/19  |                            | 370.65                     | Static             | 2817.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/9/06  |                            | 369.90                     |                    | 2671.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/11/07  |                            | 369.55                     |                    | 2672.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/10/07  |                            | 370.46                     |                    | 2671.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/17/07  |                            | 372.75                     |                    | 2669.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/3/07  |                            | 373.80                     |                    | 2667.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/4/08   |                            | 373.36                     |                    | 2668.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/08  |                            | 373.89                     |                    | 2667.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 375.10                     |                    | 2666.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/7/08  |                            | 376.85                     |                    | 2664.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/19/09  |                            | 374.88                     |                    | 2666.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 375.75                     |                    | 2666.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/27/10  |                            | 375.85                     |                    | 2665.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/11  |                            | 376.65                     |                    | 2665.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/12  |                            | 376.65                     |                    | 2665.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/23/13  |                            | 383.85                     |                    | 2657.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 399.52                     |                    | 2642.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/14  |                            | 404.51                     |                    | 2637.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 404.48                     |                    | 2637.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/12/14  |                            | 408.00                     |                    | 2633.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 411.79                     |                    | 2629.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 412.19                     |                    | 2629.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 413.51                     | Static             | 2628.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/29/14 |                            | 416.87                     |                    | 2624.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 419.24                     |                    | 2622.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 421.06                     | Static             | 2620.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 422.70                     | Static             | 2619.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 422.96                     | Static             | 2618.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/18/15  |                            | 421.87                     | Static             | 2619.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/16/15  |                            | 420.86                     | Static             | 2620.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 421.21                     | Static             | 2620.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 421.52                     | Static             | 2620.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/24/15  |                            | 425.30                     | Static             | 2616.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/14/15  |                            | 427.11                     | Static             | 2614.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/5/15  |                            | 428.08                     | Static             | 2613.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/18/16  |                            | 428.18                     | Static             | 2613.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 428.23                     | Static             | 2613.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/8/16   |                            | 428.31                     | Static             | 2613.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/18/16  |                            | 432.35                     | Static             | 2609.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 433.00                     | Static             | 2608.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/10/17  |                            | 440.15                     | Static             | 2601.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/17 |                            | 440.29                     | Static             | 2601.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/18   |                            | 439.26                     | Static             | 2602.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/4/18  |                            | 439.95                     | Static             | 2601.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/17/19  |                            | 437.41                     | Static             | 2604.35                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-12     | 803638                        | 3525207.002                                                          | 498772.161                                                          | 3055.08                                      | 3/12/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/14  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/18/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/2/15   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/5/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/7/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/23/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
| MH-13A    | 904071                        | 3523610.512                                                          | 498816.963                                                          | 3026.23                                      | 11/10/06 |                            | 327.84                     |                    | 2698.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/24/07  |                            | 326.35                     |                    | 2699.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/07  |                            | 328.14                     |                    | 2698.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/17/07  |                            | 330.98                     |                    | 2695.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/4/07  |                            | 331.70                     |                    | 2694.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/4/08   |                            | 330.85                     |                    | 2695.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/08  |                            | 331.80                     |                    | 2694.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/16/08  |                            | 333.78                     |                    | 2692.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/20/08 |                            | 334.64                     |                    | 2691.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/23/09  |                            | 332.98                     |                    | 2693.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/09  |                            | 332.19                     |                    | 2694.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/10  |                            | 333.27                     |                    | 2692.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/23/11  |                            | 334.40                     |                    | 2691.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/12  |                            | 337.90                     |                    | 2688.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/3/13   |                            | 344.58                     |                    | 2681.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 353.78                     |                    | 2672.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/10/14  |                            | 355.73                     |                    | 2670.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 355.70                     |                    | 2670.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/12/14  |                            | 360.00                     |                    | 2666.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 362.78                     |                    | 2663.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 363.32                     |                    | 2662.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 364.56                     | Static             | 2661.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/29/14 |                            | 365.24                     |                    | 2660.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 365.91                     |                    | 2660.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 366.51                     | Static             | 2659.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 366.84                     | Static             | 2659.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 366.90                     | Static             | 2659.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/18/15  |                            | 370.52                     | Static             | 2655.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/22/15  |                            | 370.80                     | Static             | 2655.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 370.92                     | Static             | 2655.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 371.02                     | Static             | 2655.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | 371.17                     | Static             | 2655.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 375.27                     | Static             | 2650.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/5/15  |                            | 377.29                     | Static             | 2648.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/18/16  |                            | 377.24                     | Static             | 2648.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 377.19                     | Static             | 2649.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/8/16   |                            | 377.30                     | Static             | 2648.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/6/16   |                            | 378.85                     | Static             | 2647.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 379.20                     | Static             | 2647.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/1/17   |                            | 376.97                     | Static             | 2649.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/17 |                            | 384.21                     | Static             | 2642.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/8/18   |                            | 381.85                     | Static             | 2644.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/4/18  |                            | 382.48                     | Static             | 2643.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/19  |                            | 379.88                     | Static             | 2646.35                               | Sierrita       |



**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-13B    | 904072                        | 3523605.102                                                          | 498823.048                                                          | 3025.63                                      | 11/10/06 |                            | 330.70                     |                    | 2694.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/24/07  |                            | 330.58                     |                    | 2695.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/07  |                            | 332.21                     |                    | 2693.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/17/07  |                            | 335.47                     |                    | 2690.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/3/07  |                            | 335.90                     |                    | 2689.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/4/08   |                            | 334.85                     |                    | 2690.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/08  |                            | 336.35                     |                    | 2689.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/16/08  |                            | 337.92                     |                    | 2687.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/20/08 |                            | 339.14                     |                    | 2686.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/23/09  |                            | 337.20                     |                    | 2688.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/09  |                            | 336.50                     |                    | 2689.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/10  |                            | 337.47                     |                    | 2688.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/23/11  |                            | 338.75                     |                    | 2686.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/12  |                            | 342.50                     |                    | 2683.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/3/13   |                            | 348.98                     |                    | 2676.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 358.93                     |                    | 2666.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/10/14  |                            | 361.02                     |                    | 2664.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 360.97                     |                    | 2664.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/12/14  |                            | 365.82                     |                    | 2659.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 368.39                     |                    | 2657.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 369.30                     |                    | 2656.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 369.93                     | Static             | 2655.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/29/14 |                            | 370.39                     |                    | 2655.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 370.78                     |                    | 2654.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 371.23                     | Static             | 2654.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 372.73                     | Static             | 2652.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 373.00                     | Static             | 2652.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/18/15  |                            | 375.64                     | Static             | 2649.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/22/15  |                            | 375.55                     | Static             | 2650.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 375.62                     | Static             | 2650.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 375.68                     | Static             | 2649.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | 375.75                     | Static             | 2649.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 380.98                     | Static             | 2644.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/5/15  |                            | 383.30                     | Static             | 2642.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/18/16  |                            | 383.41                     | Static             | 2642.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 383.38                     | Static             | 2642.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/8/16   |                            | 383.47                     | Static             | 2642.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/6/16   |                            | 384.00                     | Static             | 2641.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 384.42                     | Static             | 2641.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/1/17   |                            | 381.95                     | Static             | 2643.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/17 |                            | 389.79                     | Static             | 2635.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/8/18   |                            | 387.90                     | Static             | 2637.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/4/18  |                            | 387.57                     | Static             | 2638.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/19  |                            | 385.50                     | Static             | 2640.13                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-13C    | 904073                        | 3523610.402                                                          | 498790.263                                                          | 3028.46                                      | 11/10/06 |                            | 335.38                     |                    | 2693.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/24/07  |                            | 335.45                     |                    | 2693.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/07  |                            | 337.80                     |                    | 2690.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/17/07  |                            | 339.82                     |                    | 2688.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/4/07  |                            | 340.75                     |                    | 2687.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/4/08   |                            | 340.42                     |                    | 2688.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/08  |                            | 341.55                     |                    | 2686.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/16/08  |                            | 343.35                     |                    | 2685.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/20/08 |                            | 344.57                     |                    | 2683.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/23/09  |                            | 343.82                     |                    | 2684.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/09  |                            | 343.08                     |                    | 2685.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/10  |                            | 343.86                     |                    | 2684.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/23/11  |                            | 344.30                     |                    | 2684.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/12  |                            | 348.75                     |                    | 2679.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/3/13   |                            | 353.62                     |                    | 2674.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 362.99                     |                    | 2665.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/10/14  |                            | 365.21                     |                    | 2663.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 365.22                     |                    | 2663.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/12/14  |                            | 370.51                     |                    | 2657.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 373.52                     |                    | 2654.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 374.46                     |                    | 2654.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 375.79                     | Static             | 2652.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/29/14 |                            | 376.54                     |                    | 2651.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 377.00                     |                    | 2651.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 377.60                     | Static             | 2650.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 378.11                     | Static             | 2650.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 378.52                     | Static             | 2649.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/18/15  |                            | 382.36                     | Static             | 2646.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/22/15  |                            | 382.61                     | Static             | 2645.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 382.75                     | Static             | 2645.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 382.87                     | Static             | 2645.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | 382.94                     | Static             | 2645.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 386.44                     | Static             | 2642.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/5/15  |                            | 388.32                     | Static             | 2640.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/18/16  |                            | 388.46                     | Static             | 2640.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 388.48                     | Static             | 2639.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/8/16   |                            | 388.56                     | Static             | 2639.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/6/16   |                            | 391.65                     | Static             | 2636.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 391.73                     | Static             | 2636.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/1/17   |                            | 390.34                     | Static             | 2638.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/17 |                            | 459.35                     | Static             | 2569.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/8/18   |                            | 399.09                     | Static             | 2629.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/4/18  |                            | 400.10                     | Static             | 2628.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/17/19  |                            | 397.21                     | Static             | 2631.25                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-14     | 528098                        | 3525269.340                                                          | 497517.626                                                          | 3153.46                                      | 12/18/06 |                            | 427.28                     |                    | 2726.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/23/07  |                            | 426.75                     |                    | 2726.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/23/07  |                            | 425.58                     |                    | 2727.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/10/07  |                            | 424.20                     |                    | 2729.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/17/07 |                            | 422.80                     |                    | 2730.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/18/08  |                            | 424.87                     |                    | 2728.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/8/08   |                            | 425.13                     |                    | 2728.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/22/08  |                            | 423.92                     |                    | 2729.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/6/08  |                            | 426.03                     |                    | 2727.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/13/09  |                            | 425.90                     |                    | 2727.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/7/09   |                            | 424.90                     |                    | 2728.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/10  |                            | 422.91                     |                    | 2730.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/12/10  |                            | 421.82                     |                    | 2731.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/19/11  |                            | 418.94                     |                    | 2734.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/12  |                            | 419.83                     |                    | 2733.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/2/13   |                            | 425.59                     |                    | 2727.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/21/13 |                            | 426.13                     |                    | 2727.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/3/14   |                            | 426.45                     |                    | 2727.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/25/14  |                            | 435.04                     |                    | 2718.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/14   |                            | 436.20                     |                    | 2717.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 436.12                     |                    | 2717.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/14  |                            | 436.09                     |                    | 2717.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   |                            | 440.32                     |                    | 2713.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 441.58                     |                    | 2711.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 442.76                     | Static             | 2710.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 442.79                     |                    | 2710.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 443.64                     |                    | 2709.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/20/14 |                            | 444.48                     | Static             | 2708.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/15   |                            | 445.85                     | Static             | 2707.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 446.20                     | Static             | 2707.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 447.25                     | Static             | 2706.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/15  |                            | 447.63                     | Static             | 2705.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 447.89                     | Static             | 2705.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 447.93                     | Static             | 2705.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 449.87                     | Static             | 2703.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 452.49                     | Static             | 2700.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 454.52                     | Static             | 2698.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/18/15 |                            | 454.44                     | Static             | 2699.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/13/16  |                            | 455.10                     | Static             | 2698.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 455.18                     | Static             | 2698.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/11/16  |                            | 455.23                     | Static             | 2698.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/5/16   |                            | 455.29                     | Static             | 2698.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/6/16  |                            | 456.18                     | Static             | 2697.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/10/17  |                            | 456.40                     | Static             | 2697.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/17   |                            | 453.45                     | Static             | 2700.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/3/17   |                            | 454.28                     | Static             | 2699.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/11/17  |                            | 452.67                     | Static             | 2700.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/18/17 |                            | 449.34                     | Static             | 2704.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/10/18  |                            | 449.39                     | Static             | 2704.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/18/18 |                            | 449.90                     | Static             | 2703.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/4/19   |                            | 445.74                     | Static             | 2707.72                               | Sierrita       |

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**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-15E    | 528094                        | 3523274.327                                                          | 497584.800                                                          | 3111.37                                      | 11/10/06 |                            | 385.25                     |                    | 2726.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/23/07  |                            | 384.07                     |                    | 2727.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/23/07  |                            | 385.11                     |                    | 2726.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/21/07  |                            | 385.80                     |                    | 2725.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/20/07 |                            | 387.08                     |                    | 2724.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/18/08  |                            | 386.60                     |                    | 2724.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/08  |                            | 386.18                     |                    | 2725.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 387.39                     |                    | 2723.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 388.51                     |                    | 2722.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/17/09  |                            | 387.46                     |                    | 2723.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/09   |                            | 386.98                     |                    | 2724.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/13/10  |                            | 386.17                     |                    | 2725.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/11  |                            | 382.69                     |                    | 2728.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/14/12  |                            | 391.96                     |                    | 2719.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/2/13   |                            | 407.42                     |                    | 2703.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 409.49                     |                    | 2701.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | 410.59                     |                    | 2700.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 410.62                     |                    | 2700.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/14  |                            | 410.60                     |                    | 2700.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/14  |                            | 404.02                     |                    | 2707.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 404.33                     |                    | 2707.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 404.56                     | Static             | 2706.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 402.90                     |                    | 2708.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 403.20                     |                    | 2708.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/20/14 |                            | 403.49                     | Static             | 2707.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 403.64                     | Static             | 2707.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 403.66                     | Static             | 2707.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 401.26                     | Static             | 2710.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/15  |                            | 401.28                     | Static             | 2710.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 401.25                     | Static             | 2710.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/3/15   |                            | 401.31                     | Static             | 2710.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | 411.84                     | Static             | 2699.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 416.47                     | Static             | 2694.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | 421.92                     | Static             | 2689.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | 422.24                     | Static             | 2689.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 422.21                     | Static             | 2689.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/11/16  |                            | 422.26                     | Static             | 2689.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/23/16  |                            | 405.39                     | Static             | 2705.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 409.57                     | Static             | 2701.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/17  |                            | 404.93                     | Static             | 2706.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/17 |                            | 398.22                     | Static             | 2713.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/18  |                            | 399.49                     | Static             | 2711.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/18 |                            | 399.65                     | Static             | 2711.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/1/19   |                            | 390.99                     | Static             | 2720.38                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-15W    | 528093                        | 3523275.003                                                          | 497524.067                                                          | 3117.07                                      | 12/18/06 |                            | 391.30                     |                    | 2725.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/23/07  |                            | 390.00                     |                    | 2727.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/23/07  |                            | 391.18                     |                    | 2725.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/11/07  |                            | 390.85                     |                    | 2726.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/17/07 |                            | 393.10                     |                    | 2723.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/18/08  |                            | 392.90                     |                    | 2724.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/8/08   |                            | 391.00                     |                    | 2726.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/1/08   |                            | 392.70                     |                    | 2724.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/6/08  |                            | 394.00                     |                    | 2723.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/09   |                            | 392.55                     |                    | 2724.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/6/09   |                            | 390.25                     |                    | 2726.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/10  |                            | 390.58                     |                    | 2726.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/12/10  |                            | 389.20                     |                    | 2727.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/17/11  |                            | 388.95                     |                    | 2728.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/12  |                            | 397.62                     |                    | 2719.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/28/13  |                            | 409.15                     |                    | 2707.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/12/13 |                            | 414.19                     |                    | 2702.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/3/14   |                            | 412.60                     |                    | 2704.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 414.01                     |                    | 2703.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/14   |                            | 412.76                     |                    | 2704.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 412.77                     |                    | 2704.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/14  |                            | 412.74                     |                    | 2704.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   |                            | 413.44                     |                    | 2703.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 409.65                     |                    | 2707.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 407.53                     | Static             | 2709.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 403.64                     |                    | 2713.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 405.18                     |                    | 2711.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/20/14 |                            | 406.58                     | Static             | 2710.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/15   |                            | 405.68                     | Static             | 2711.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 405.79                     | Static             | 2711.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 401.30                     | Static             | 2715.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/15  |                            | 401.33                     | Static             | 2715.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/18/15  |                            | 401.27                     | Static             | 2715.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/3/15   |                            | 401.36                     | Static             | 2715.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 401.37                     | Static             | 2715.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 419.08                     | Static             | 2697.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/8/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/13/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/11/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/5/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/6/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/17   |                            | 413.89                     | Static             | 2703.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/3/17   |                            | 415.79                     | Static             | 2701.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/11/17  |                            | 415.65                     | Static             | 2701.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/19/17 |                            | 400.00                     | Static             | 2717.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/11/18  |                            | 395.82                     | Static             | 2721.25                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-16E    | 528100                        | 3521870.233                                                          | 497576.673                                                          | 3097.72                                      | 12/18/06 |                            | 344.70                     |                    | 2753.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/23/07  |                            | 349.39                     |                    | 2748.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/23/07  |                            | 352.85                     |                    | 2744.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/21/07  |                            | 355.00                     |                    | 2742.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/20/07 |                            | 355.55                     |                    | 2742.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/19/08  |                            | 355.30                     |                    | 2742.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/08  |                            | 355.15                     |                    | 2742.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/08  |                            | 356.78                     |                    | 2740.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/24/08 |                            | 357.62                     |                    | 2740.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/17/09  |                            | 357.02                     |                    | 2740.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/09   |                            | 354.15                     |                    | 2743.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/13/10  |                            | 357.71                     |                    | 2740.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/11  |                            | 354.93                     |                    | 2742.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/26/12  |                            | 362.82                     |                    | 2734.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/23/13  |                            | 364.82                     |                    | 2732.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 384.61                     |                    | 2713.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/14  |                            | 382.54                     |                    | 2715.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 382.56                     |                    | 2715.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/14  |                            | 382.55                     |                    | 2715.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/14  |                            | 380.17                     |                    | 2717.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 381.30                     |                    | 2716.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 382.26                     | Static             | 2715.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 379.10                     |                    | 2718.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 380.26                     |                    | 2717.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/21/14 |                            | 381.24                     | Static             | 2716.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 381.30                     | Static             | 2716.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 381.33                     | Static             | 2716.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 379.61                     | Static             | 2718.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/15  |                            | 379.56                     | Static             | 2718.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 379.58                     | Static             | 2718.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/3/15   |                            | 379.64                     | Static             | 2718.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | 385.44                     | Static             | 2712.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 386.73                     | Static             | 2710.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | 389.51                     | Static             | 2708.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | 389.68                     | Static             | 2708.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 389.77                     | Static             | 2707.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/11/16  |                            | 389.80                     | Static             | 2707.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/23/16  |                            | 372.10                     | Static             | 2725.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 377.64                     | Static             | 2720.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/17  |                            | 370.32                     | Static             | 2727.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/17 |                            | 360.24                     | Static             | 2737.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/18  |                            | DRY                        |                    | DRY                                   | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/18 |                            | DRY                        |                    | DRY                                   | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-16W    | 528099                        | 3521870.818                                                          | 497516.074                                                          | 3100.24                                      | 12/18/06 |                            | 346.62                     |                    | 2753.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/23/07  |                            | 352.18                     |                    | 2748.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/23/07  |                            | 355.75                     |                    | 2744.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/11/07  |                            | 357.47                     |                    | 2742.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/17/07 |                            | 357.75                     |                    | 2742.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/3/08   |                            | 357.80                     |                    | 2742.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/24/08  |                            | 357.87                     |                    | 2742.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/22/08  |                            | 359.24                     |                    | 2741.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/8/08  |                            | 360.03                     |                    | 2740.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/19/09  |                            | 358.73                     |                    | 2741.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/7/09   |                            | 358.60                     |                    | 2741.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/10  |                            | 360.31                     |                    | 2739.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/12/10  |                            | 360.42                     |                    | 2739.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/17/11  |                            | 357.55                     |                    | 2742.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/12  |                            | 364.24                     |                    | 2736.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/2/13   |                            | 377.99                     |                    | 2722.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/21/13 |                            | 387.88                     |                    | 2712.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/3/14   |                            | 389.39                     |                    | 2710.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 385.88                     |                    | 2714.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/14   |                            | 383.83                     |                    | 2716.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 383.87                     |                    | 2716.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/14  |                            | 383.89                     |                    | 2716.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   |                            | 381.43                     |                    | 2718.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 382.48                     |                    | 2717.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 383.38                     | Static             | 2716.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 379.41                     |                    | 2720.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 380.82                     |                    | 2719.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/21/14 |                            | 382.11                     | Static             | 2718.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/15   |                            | 382.74                     | Static             | 2717.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 382.81                     | Static             | 2717.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 379.84                     | Static             | 2720.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/15  |                            | 381.49                     | Static             | 2718.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 381.20                     | Static             | 2719.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/3/15   |                            | 381.43                     | Static             | 2718.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 385.73                     | Static             | 2714.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 387.68                     | Static             | 2712.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/8/15  |                            | 386.10                     | Static             | 2714.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | 387.14                     | Static             | 2713.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/13/16  |                            | 387.06                     | Static             | 2713.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 387.02                     | Static             | 2713.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/11/16  |                            | 386.95                     | Static             | 2713.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/5/16   |                            | 387.02                     | Static             | 2713.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/16/16  |                            | 386.20                     | Static             | 2714.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/6/16  |                            | 387.24                     | Static             | 2713.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/10/17  |                            | 386.92                     | Static             | 2713.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/17   |                            | 364.35                     | Static             | 2735.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/4/17   |                            | 368.45                     | Static             | 2731.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/11/17  |                            | 369.92                     | Static             | 2730.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/19/17 |                            | 359.75                     | Static             | 2740.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/11/18  |                            | 365.59                     | Static             | 2734.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/18/18 |                            | 371.95                     | Static             | 2728.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/4/19   |                            | 370.89                     | Static             | 2729.35                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-24     | 563799                        | 3523709.046                                                          | 497390.515                                                          | 3131.16                                      | 11/21/06 |                            | 397.50                     |                    | 2733.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/20/07  |                            | 399.35                     |                    | 2731.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/3/07   |                            | 399.33                     |                    | 2731.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/8/07  |                            | 400.50                     |                    | 2730.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/30/08  |                            | 396.90                     |                    | 2734.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/24/08  |                            | 395.89                     |                    | 2735.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/08   |                            | 396.78                     |                    | 2734.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/08 |                            | 396.88                     |                    | 2734.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/17/09  |                            | 396.31                     |                    | 2734.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/09   |                            | 396.50                     |                    | 2734.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/13/10  |                            | 386.43                     |                    | 2744.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/11  |                            | 392.84                     |                    | 2738.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/12  |                            | 396.58                     |                    | 2734.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/2/13   |                            | 408.56                     |                    | 2722.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/29/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/14  |                            | 407.41                     |                    | 2723.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/4/15   |                            | 404.82                     | Static             | 2726.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/18/15 |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/15/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/24/17  |                            | UTM                        |                    | NA                                    | Sierrita       |
| MH-25A    | 201528                        | 3526510.175                                                          | 498880.349                                                          | 3056.57                                      | 10/23/17 |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/11/18  |                            | 402.59                     | Static             | 2728.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/18 |                            | 402.56                     | Static             | 2728.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/13/06 |                            | 454.11                     |                    | 2602.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/10/07  |                            | 453.10                     |                    | 2603.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/4/07   |                            | 452.20                     |                    | 2604.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/07  |                            | 454.02                     |                    | 2602.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/3/07  |                            | 454.69                     |                    | 2601.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/2/08   |                            | 454.82                     |                    | 2601.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/08  |                            | 454.47                     |                    | 2602.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/2/08   |                            | 455.68                     |                    | 2600.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/17/08 |                            | 457.49                     |                    | 2599.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/5/09   |                            | 457                        |                    | 2599.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/09  |                            | 455.90                     |                    | 2600.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/13/10  |                            | 458.10                     |                    | 2598.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/27/11  |                            | 459.25                     |                    | 2597.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/1/12   |                            | 459.69                     |                    | 2596.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/3/13   |                            | 461.70                     |                    | 2594.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 473.95                     |                    | 2582.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/14  |                            | 477.45                     |                    | 2579.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/14  |                            | 477.40                     |                    | 2579.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 482.36                     |                    | 2574.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 486.66                     |                    | 2569.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 488.09                     |                    | 2568.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 489.49                     | Static             | 2567.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/29/14 |                            | 492.67                     |                    | 2563.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 495.20                     |                    | 2561.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 497.76                     | Static             | 2558.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 499.10                     | Static             | 2557.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 500.16                     | Static             | 2556.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/18/15  |                            | 498.50                     | Static             | 2558.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/7/15   |                            | 499.37                     | Static             | 2557.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 501.39                     | Static             | 2555.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/1/15   |                            | 503.19                     | Static             | 2553.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/31/15  |                            | 505.05                     | Static             | 2551.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/5/15  |                            | 505.24                     | Static             | 2551.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | 507.87                     | Static             | 2548.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/12/16  |                            | 508.53                     | Static             | 2548.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/7/16   |                            | 508.92                     | Static             | 2547.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/11/16  |                            | 510.58                     | Static             | 2545.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 510.97                     | Static             | 2545.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/17   |                            | 518.86                     | Static             | 2537.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/17 |                            | 521.62                     | Static             | 2534.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/19  |                            | 520.96                     | Static             | 2535.61                               | Sierrita       |



**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-25B    | 208429                        | 3526515.244                                                          | 498870.343                                                          | 3058.22                                      | 11/13/06 |                            | 455.36                     |                    | 2602.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/10/07  |                            | 454.28                     |                    | 2603.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/4/07   |                            | 453.20                     |                    | 2605.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/07  |                            | 455.32                     |                    | 2602.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/3/07  |                            | 456.01                     |                    | 2602.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/2/08   |                            | 456.05                     |                    | 2602.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/08  |                            | 456.02                     |                    | 2602.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/2/08   |                            | 457.10                     |                    | 2601.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/17/08 |                            | 458.39                     |                    | 2599.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/5/09   |                            | 458.38                     |                    | 2599.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/09  |                            | 457.28                     |                    | 2600.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/13/10  |                            | 458.27                     |                    | 2599.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/27/11  |                            | 460.35                     |                    | 2597.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/15/11  |                            | 460.85                     |                    | 2597.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/1/12   |                            | 460.90                     |                    | 2597.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/3/13   |                            | 463.02                     |                    | 2595.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 475.49                     |                    | 2582.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/14  |                            | 478.92                     |                    | 2579.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/14  |                            | 478.93                     |                    | 2579.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 483.75                     |                    | 2574.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 488.06                     |                    | 2570.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 489.41                     |                    | 2568.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 490.78                     | Static             | 2567.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/29/14 |                            | 493.95                     |                    | 2564.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 496.89                     |                    | 2561.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 499.64                     | Static             | 2558.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 501.19                     | Static             | 2557.03                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 502.38                     | Static             | 2555.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/18/15  |                            | 499.72                     | Static             | 2558.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/7/15   |                            | 500.60                     | Static             | 2557.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 502.63                     | Static             | 2555.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/1/15   |                            | 502.94                     | Static             | 2555.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | 504.42                     | Static             | 2553.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/31/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/5/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/12/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/7/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/11/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/21/16  |                            | 515.10                     | Static             | 2543.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 518.21                     | Static             | 2540.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/17   |                            | 519.29                     | Static             | 2538.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/17 |                            | 522.10                     | Static             | 2536.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/18   |                            | 522.21                     | Static             | 2536.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/4/18  |                            | 525.34                     | Static             | 2532.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/19  |                            | 521.45                     | Static             | 2536.77                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-25C    | 208426                        | 3526491.132                                                          | 498874.666                                                          | 3057.24                                      | 11/13/06 |                            | 454.65                     |                    | 2602.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/10/07  |                            | 453.57                     |                    | 2603.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/13/07  |                            | 452.30                     |                    | 2604.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/07  |                            | 454.42                     |                    | 2602.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/3/07  |                            | 455.19                     |                    | 2602.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/2/08   |                            | 455.06                     |                    | 2602.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/08  |                            | 454.84                     |                    | 2602.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/2/08   |                            | 456.23                     |                    | 2601.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/17/08 |                            | 457.49                     |                    | 2599.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/5/09   |                            | 457.30                     |                    | 2599.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/09  |                            | 456.41                     |                    | 2600.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/13/10  |                            | 459.28                     |                    | 2597.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/27/11  |                            | 459.16                     |                    | 2598.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/15/11  |                            | 459.52                     |                    | 2597.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/1/12   |                            | 459.76                     |                    | 2597.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/3/13   |                            | 461.80                     |                    | 2595.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 474.31                     |                    | 2582.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/14  |                            | 477.67                     |                    | 2579.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/14  |                            | 477.63                     |                    | 2579.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 482.63                     |                    | 2574.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 487.01                     |                    | 2570.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 488.25                     |                    | 2568.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 489.69                     | Static             | 2567.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/29/14 |                            | 492.81                     |                    | 2564.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 495.28                     |                    | 2561.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 497.94                     | Static             | 2559.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 500.06                     | Static             | 2557.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 501.45                     | Static             | 2555.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/18/15  |                            | 498.51                     | Static             | 2558.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/7/15   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/1/15   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/31/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/5/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/12/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/7/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/11/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/21/16  |                            | 514.86                     | Static             | 2542.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 516.18                     | Static             | 2541.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/17   |                            | 518.90                     | Static             | 2538.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/17 |                            | 521.81                     | Static             | 2535.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/18   |                            | 521.85                     | Static             | 2535.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/4/18  |                            | 524.97                     | Static             | 2532.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/19  |                            | 520.93                     | Static             | 2536.31                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-26A    | 201527                        | 3527818.233                                                          | 498852.692                                                          | 3070.89                                      | 11/13/06 |                            | 495.74                     |                    | 2575.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/15/07  |                            | 495.65                     |                    | 2575.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/4/07   |                            | 493.75                     |                    | 2577.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/19/07  |                            | 495.02                     |                    | 2575.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/2/07  |                            | 496.12                     |                    | 2574.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/2/08   |                            | 496.28                     |                    | 2574.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/08  |                            | 495.73                     |                    | 2575.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/2/08   |                            | 496.98                     |                    | 2573.91                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/17/08 |                            | 498.23                     |                    | 2572.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/5/09   |                            | 498.76                     |                    | 2572.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/09  |                            | 497.85                     |                    | 2573.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/13/10  |                            | 499.68                     |                    | 2571.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/27/11  |                            | 500.71                     |                    | 2570.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/12   |                            | 501.05                     |                    | 2569.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/4/13   |                            | 501.96                     |                    | 2568.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 513.50                     |                    | 2557.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/14  |                            | 513.40                     |                    | 2557.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/14  |                            | 513.36                     |                    | 2557.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 520.93                     |                    | 2549.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 524.95                     |                    | 2545.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 525.55                     |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/14 |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/18/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/7/15   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/1/15   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/17/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/6/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | DRY                        |                    | DRY                                   | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/12/16  |                            | DRY                        |                    | DRY                                   | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/7/16   |                            | DRY                        |                    | DRY                                   | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/11/16  |                            | DRY                        |                    | DRY                                   | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/16  |                            | DRY                        |                    | DRY                                   | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/17   |                            | DRY                        |                    | DRY                                   | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/17 |                            | DRY                        |                    | DRY                                   | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/3/18   |                            | DRY                        |                    | DRY                                   | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-26B    | 208427                        | 3527814.016                                                          | 498839.900                                                          | 3070.50                                      | 11/13/06 |                            | 493.00                     |                    | 2577.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/15/07  |                            | 492.85                     |                    | 2577.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/4/07   |                            | 490.78                     |                    | 2579.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/19/07  |                            | 492.01                     |                    | 2578.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/2/07  |                            | 493.18                     |                    | 2577.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/2/08   |                            | 493.76                     |                    | 2576.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/08  |                            | 492.98                     |                    | 2577.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/2/08   |                            | 494.10                     |                    | 2576.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/20/08 |                            | 495.31                     |                    | 2575.19                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/5/09   |                            | 495.88                     |                    | 2574.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/09  |                            | 494.90                     |                    | 2575.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/13/10  |                            | 496.77                     |                    | 2573.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/5/11   |                            | 497.73                     |                    | 2572.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/1/12   |                            | 498.00                     |                    | 2572.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/4/13   |                            | 499.03                     |                    | 2571.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 510.69                     |                    | 2559.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/14  |                            | 510.67                     |                    | 2559.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/14  |                            | 510.68                     |                    | 2559.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 517.75                     |                    | 2552.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 522.14                     |                    | 2548.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 523.46                     |                    | 2547.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 524.35                     | Static             | 2546.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 527.68                     |                    | 2542.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 529.90                     |                    | 2540.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/14 |                            | 531.11                     | Static             | 2539.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 531.79                     | Static             | 2538.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 532.68                     | Static             | 2537.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/18/15  |                            | 533.34                     | Static             | 2537.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/7/15   |                            | 534.12                     | Static             | 2536.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 535.90                     | Static             | 2534.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/1/15   |                            | 535.79                     | Static             | 2534.71                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 537.52                     | Static             | 2532.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/17/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/6/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/12/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/7/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/11/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/21/16  |                            | 548.09                     | Static             | 2522.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/16  |                            | 549.16                     | Static             | 2521.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/17   |                            | 551.60                     | Static             | 2518.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/17 |                            | 556.27                     | Static             | 2514.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/3/18   |                            | 558.61                     | Static             | 2511.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/4/18  |                            | 560.97                     | Static             | 2509.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/19  |                            | 557.85                     | Static             | 2512.65                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-26C    | 208428                        | 3527806.770                                                          | 498865.240                                                          | 3069.11                                      | 11/13/06 |                            | 494.45                     |                    | 2574.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/15/07  |                            | 494.10                     |                    | 2575.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/4/07   |                            | 492.30                     |                    | 2576.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/19/07  |                            | 493.62                     |                    | 2575.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/2/07  |                            | 496.58                     |                    | 2572.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/2/08   |                            | 495.35                     |                    | 2573.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/08  |                            | 494.37                     |                    | 2574.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/2/08   |                            | 495.55                     |                    | 2573.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/20/08 |                            | 496.78                     |                    | 2572.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/5/09   |                            | 497.21                     |                    | 2571.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/09  |                            | 493.95                     |                    | 2575.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/13/10  |                            | 498.14                     |                    | 2570.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/27/11  |                            | 499.14                     |                    | 2569.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/1/12   |                            | 499.44                     |                    | 2569.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/4/13   |                            | 500.61                     |                    | 2568.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 512.31                     |                    | 2556.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/14  |                            | 512.27                     |                    | 2556.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/13/14  |                            | 512.30                     |                    | 2556.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 519.21                     |                    | 2549.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 523.77                     |                    | 2545.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 525.34                     |                    | 2543.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 526.04                     | Static             | 2543.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 529.30                     |                    | 2539.81                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 532.02                     |                    | 2537.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/14 |                            | 535.02                     | Static             | 2534.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 536.86                     | Static             | 2532.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 534.31                     | Static             | 2534.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/18/15  |                            | 535.01                     | Static             | 2534.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/7/15   |                            | 535.70                     | Static             | 2533.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 537.57                     | Static             | 2531.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/1/15   |                            | 539.22                     | Static             | 2529.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 541.12                     | Static             | 2527.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/17/15  |                            | 541.14                     | Static             | 2527.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/6/15  |                            | 541.29                     | Static             | 2527.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | 543.66                     | Static             | 2525.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/12/16  |                            | 544.54                     | Static             | 2524.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/7/16   |                            | 545.45                     | Static             | 2523.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/11/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/21/16  |                            | 549.78                     | Static             | 2519.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/16  |                            | 551.19                     | Static             | 2517.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/17   |                            | 552.85                     | Static             | 2516.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/17 |                            | 557.59                     | Static             | 2511.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/3/18   |                            | 559.68                     | Static             | 2509.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/4/18  |                            | 562.22                     | Static             | 2506.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/18/19  |                            | 559.10                     | Static             | 2510.01                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-28     | 903648                        | 3524609.980                                                          | 497471.427                                                          | 3142.18                                      | 11/14/06 |                            | 401.10                     |                    | 2741.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/19/07  |                            | 401.10                     |                    | 2741.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/17/07  |                            | 402.32                     |                    | 2739.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/16/07  |                            | 403.18                     |                    | 2739.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/11/07 |                            | 403.00                     |                    | 2739.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/21/08  |                            | 402.72                     |                    | 2739.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/8/08   |                            | 401.90                     |                    | 2740.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/1/08   |                            | 401.48                     |                    | 2740.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/6/08  |                            | 402.17                     |                    | 2740.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/09   |                            | 402                        |                    | 2740.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/7/09   |                            | 401.06                     |                    | 2741.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/13/09 |                            | 401.10                     |                    | 2741.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/10  |                            | 395.65                     |                    | 2746.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/12/10  |                            | 398.60                     |                    | 2743.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/12/10 |                            | 399.00                     |                    | 2743.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/17/11  |                            | 396.89                     |                    | 2745.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/4/11  |                            | 397.90                     |                    | 2744.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/12  |                            | 398.64                     |                    | 2743.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/9/12  |                            | 403.77                     |                    | 2738.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/2/13   |                            | 405.08                     |                    | 2737.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/21/13 |                            | 407.88                     |                    | 2734.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/3/14   |                            | 408.01                     |                    | 2734.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 411.69                     |                    | 2730.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/14   |                            | 412.72                     |                    | 2729.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 412.74                     |                    | 2729.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/14  |                            | 412.76                     |                    | 2729.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   |                            | 414.90                     |                    | 2727.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 414.60                     |                    | 2727.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 414.19                     | Static             | 2727.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 415.32                     |                    | 2726.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 415.92                     |                    | 2726.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/20/14 |                            | 416.46                     | Static             | 2725.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/15   |                            | 416.16                     | Static             | 2726.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 416.10                     | Static             | 2726.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 414.87                     | Static             | 2727.31                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/15  |                            | 414.83                     | Static             | 2727.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 414.80                     | Static             | 2727.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/3/15   |                            | 414.86                     | Static             | 2727.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 416.53                     | Static             | 2725.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/15  |                            | 416.85                     | Static             | 2725.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 417.35                     | Static             | 2724.83                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/8/15  |                            | 417.68                     | Static             | 2724.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | 417.63                     | Static             | 2724.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/13/16  |                            | 418.49                     | Static             | 2723.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 418.67                     | Static             | 2723.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/11/16  |                            | 418.74                     | Static             | 2723.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/5/16   |                            | 417.34                     | Static             | 2724.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/16/16  |                            | 415.50                     | Static             | 2726.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/26/16 |                            | 415.13                     | Static             | 2727.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/10/17  |                            | 415.10                     | Static             | 2727.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/5/17   |                            | 414.94                     | Static             | 2727.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/17   |                            | 416.84                     | Static             | 2725.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/11/17 |                            | 414.89                     | Static             | 2727.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/10/18  |                            | 413.39                     | Static             | 2728.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/18   |                            | 412.65                     | Static             | 2729.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/16/18 |                            | 411.40                     | Static             | 2730.78                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/2/19   |                            | 412.30                     | Static             | 2729.88                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-29     | 903649                        | 3522805.520                                                          | 497604.330                                                          | 3123.15                                      | 11/14/06 |                            | 378.05                     |                    | 2745.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/19/07  |                            | 376.58                     |                    | 2746.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/17/07  |                            | 376.75                     |                    | 2746.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/16/07  |                            | 379.07                     |                    | 2744.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/11/07 |                            | 381.92                     |                    | 2741.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/18/08  |                            | 380.41                     |                    | 2742.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/8/08   |                            | 380.16                     |                    | 2742.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/1/08   |                            | 380.50                     |                    | 2742.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/08  |                            | 381.52                     |                    | 2741.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/9/09   |                            | 380.25                     |                    | 2742.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/7/09   |                            | 379.90                     |                    | 2743.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/13/09 |                            | 380.52                     |                    | 2742.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/10  |                            | 379.59                     |                    | 2743.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/12/10  |                            | 378.65                     |                    | 2744.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/12/10 |                            | 379.31                     |                    | 2743.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/20/11  |                            | 377.75                     |                    | 2745.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/23/11  |                            | 377.80                     |                    | 2745.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/4/11  |                            | 380.25                     |                    | 2742.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/12  |                            | 389.39                     |                    | 2733.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/9/12  |                            | 365.70                     |                    | 2757.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/2/13   |                            | 392.00                     |                    | 2731.15                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/8/13  |                            | 393.39                     |                    | 2729.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/11/13 |                            | 394.82                     |                    | 2728.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/3/14   |                            | 394.63                     |                    | 2728.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 394.25                     |                    | 2728.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/14   |                            | 393.95                     |                    | 2729.20                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 393.92                     |                    | 2729.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/14  |                            | 393.94                     |                    | 2729.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/7/14   |                            | 392.13                     |                    | 2731.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 392.28                     |                    | 2730.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 392.59                     | Static             | 2730.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 400.46                     |                    | 2722.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 400.90                     |                    | 2722.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/21/14 |                            | 401.30                     | Static             | 2721.85                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/15   |                            | 402.56                     | Static             | 2720.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 402.89                     | Static             | 2720.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 402.18                     | Static             | 2720.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/15  |                            | 402.40                     | Static             | 2720.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 402.49                     | Static             | 2720.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/3/15   |                            | 402.52                     | Static             | 2720.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 404.41                     | Static             | 2718.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 404.64                     | Static             | 2718.51                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/8/15  |                            | 404.75                     | Static             | 2718.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | 404.71                     | Static             | 2718.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/13/16  |                            | 404.88                     | Static             | 2718.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 404.93                     | Static             | 2718.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/11/16  |                            | 404.90                     | Static             | 2718.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/5/16   |                            | 404.94                     | Static             | 2718.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/16/16  |                            | 404.76                     | Static             | 2718.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/26/16 |                            | 404.72                     | Static             | 2718.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/10/17  |                            | 404.50                     | Static             | 2718.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/9/17   |                            | 391.53                     | Static             | 2731.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/5/17   |                            | 396.50                     | Static             | 2726.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/17   |                            | 395.78                     | Static             | 2727.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/11/17 |                            | 387.59                     | Static             | 2735.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/10/18  |                            | 388.52                     | Static             | 2734.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/18   |                            | 392.58                     | Static             | 2730.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/16/18 |                            | 395.19                     | Static             | 2727.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/2/19   |                            | 386.92                     | Static             | 2736.23                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MH-30     | 903884                        | 3525926.812                                                          | 496682.307                                                          | 3232.45                                      | 11/10/06 |                            | 422.78                     |                    | 2809.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/9/07   |                            | 421.65                     |                    | 2810.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/07   |                            | 419.32                     |                    | 2813.13                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/11/07  |                            | 416.85                     |                    | 2815.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/2/07  |                            | 416.95                     |                    | 2815.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/18/08  |                            | 417.34                     |                    | 2815.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/8/08   |                            | 418.12                     |                    | 2814.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/1/08   |                            | 417.71                     |                    | 2814.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/6/08  |                            | 417.11                     |                    | 2815.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/09   |                            | 416.37                     |                    | 2816.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/7/09   |                            | 415.10                     |                    | 2817.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/15/10  |                            | 412.03                     |                    | 2820.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/17/11  |                            | 412.18                     |                    | 2820.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/26/12  |                            | 420.61                     |                    | 2811.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/6/13   |                            | 427.36                     |                    | 2805.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 429.01                     |                    | 2803.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/8/14   |                            | 429.46                     |                    | 2802.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 429.47                     |                    | 2802.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/24/14  |                            | 429.48                     |                    | 2802.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/29/14  |                            | 430.12                     |                    | 2802.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 430.23                     |                    | 2802.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 430.41                     | Static             | 2802.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 451.78                     |                    | 2780.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 430.82                     |                    | 2801.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/20/14 |                            | 436.19                     | Static             | 2796.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 440.11                     | Static             | 2792.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 442.88                     | Static             | 2789.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 431.34                     | Static             | 2801.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/15  |                            | 431.27                     | Static             | 2801.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 431.31                     | Static             | 2801.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 431.28                     | Static             | 2801.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | 431.55                     | Static             | 2800.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 431.70                     | Static             | 2800.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | 431.92                     | Static             | 2800.53                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | 432.06                     | Static             | 2800.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 432.00                     | Static             | 2800.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/11/16  |                            | 431.97                     | Static             | 2800.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/5/16   |                            | 430.31                     | Static             | 2802.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 431.40                     | Static             | 2801.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/1/17   |                            | 425.81                     | Static             | 2806.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/17 |                            | 425.58                     | Static             | 2806.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/11/18  |                            | 426.29                     | Static             | 2806.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/18 |                            | 428.43                     | Static             | 2804.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/17/19  |                            | 429.00                     | Static             | 2803.45                               | Sierrita       |



**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name  | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MO-2007-1A | 907342                        | 3529331.233                                                          | 500016.988                                                          | 2964.66                                      | 7/30/07  |                            | 425.87                     |                    | 2538.79                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/9/07  |                            | 428.32                     |                    | 2536.34                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/24/08  |                            | 426.32                     |                    | 2538.34                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/9/08   |                            | 424.72                     |                    | 2539.94                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/14/08  |                            | 428.42                     |                    | 2536.24                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/17/08 |                            | 431.02                     |                    | 2533.64                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/16/09  |                            | 428.90                     |                    | 2535.76                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/1/09   |                            | 426.86                     |                    | 2537.80                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/1/09   |                            | 426.90                     |                    | 2537.76                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/22/09 |                            | 434.05                     |                    | 2530.61                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/16/10  |                            | 428.89                     |                    | 2535.77                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/13/10 |                            | 434.09                     |                    | 2530.57                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/5/11   |                            | 429.31                     |                    | 2535.35                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/6/11  |                            | 433.60                     |                    | 2531.06                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/12/12  |                            | 431.38                     |                    | 2533.28                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/24/12 |                            | 435.12                     |                    | 2529.54                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/8/13   |                            | 429.69                     |                    | 2534.97                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/23/13 |                            | 435.06                     |                    | 2529.60                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 435.92                     |                    | 2528.74                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/29/14  |                            | 437.74                     |                    | 2526.92                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/8/14   |                            | 437.72                     |                    | 2526.94                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 440.59                     |                    | 2524.07                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 443.83                     |                    | 2520.83                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 444.58                     |                    | 2520.08                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 445.78                     | Static             | 2518.88                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 448.18                     |                    | 2516.48                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/12/14 |                            | 448.42                     |                    | 2516.24                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 12/16/14 |                            | 448.63                     | Static             | 2516.03                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 448.74                     | Static             | 2515.92                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 448.80                     | Static             | 2515.86                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/12/15  |                            | 448.48                     | Static             | 2516.18                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/22/15  |                            | 449.85                     | Static             | 2514.81                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 450.06                     | Static             | 2514.60                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/1/15   |                            | 450.21                     | Static             | 2514.45                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | 454.05                     | Static             | 2510.61                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 455.41                     | Static             | 2509.25                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/20/15 |                            | 456.84                     | Static             | 2507.82                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/6/15  |                            | 456.90                     | Static             | 2507.76                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | 456.62                     | Static             | 2508.04                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/12/16  |                            | 455.97                     | Static             | 2508.69                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/7/16   |                            | 455.84                     | Static             | 2508.82                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/7/16   |                            | 456.52                     | Static             | 2508.14                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 463.11                     | Static             | 2501.55                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/22/17  |                            | 462.82                     | Static             | 2501.84                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/6/17   |                            | 467.81                     | Static             | 2496.85                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/5/17  |                            | 472.40                     | Static             | 2492.26                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/12/18  |                            | 473.25                     | Static             | 2491.41                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/19/18 |                            | 479.12                     | Static             | 2485.54                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/8/19   |                            | 475.78                     | Static             | 2488.88                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name  | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MO-2007-1B | 907210                        | 3529328.840                                                          | 500021.700                                                          | 2964.84                                      | 7/30/07  |                            | 425.67                     |                    | 2539.17                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/9/07  |                            | 429.20                     |                    | 2535.64                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/24/08  |                            | 426.41                     |                    | 2538.43                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/9/08   |                            | 425.05                     |                    | 2539.79                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/14/08  |                            | 428.98                     |                    | 2535.86                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/17/08 |                            | 431.64                     |                    | 2533.20                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/16/09  |                            | 429.05                     |                    | 2535.79                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/1/09   |                            | 427.23                     |                    | 2537.61                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/1/09   |                            | 427.70                     |                    | 2537.14                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/22/09 |                            | 434.90                     |                    | 2529.94                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/16/10  |                            | 429.13                     |                    | 2535.71                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/13/10 |                            | 434.47                     |                    | 2530.37                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/5/11   |                            | 429.65                     |                    | 2535.19                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/6/11  |                            | 434.10                     |                    | 2530.74                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/12/12  |                            | 431.95                     |                    | 2532.89                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/24/12 |                            | 435.62                     |                    | 2529.22                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/8/13   |                            | 429.03                     |                    | 2535.81                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/23/13 |                            | 435.71                     |                    | 2529.13                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 436.56                     |                    | 2528.28                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/29/14  |                            | 438.64                     |                    | 2526.20                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/8/14   |                            | 438.67                     |                    | 2526.17                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 441.65                     |                    | 2523.19                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 444.85                     |                    | 2519.99                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 445.81                     |                    | 2519.03                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 446.61                     | Static             | 2518.23                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 448.92                     |                    | 2515.92                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/12/14 |                            | 449.05                     |                    | 2515.79                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 12/16/14 |                            | 449.19                     | Static             | 2515.65                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 449.18                     | Static             | 2515.66                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 449.19                     | Static             | 2515.65                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/12/15  |                            | 448.97                     | Static             | 2515.87                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/22/15  |                            | 450.52                     | Static             | 2514.32                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 451.10                     | Static             | 2513.74                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/1/15   |                            | 451.56                     | Static             | 2513.28                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | 454.96                     | Static             | 2509.88                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 456.16                     | Static             | 2508.68                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/20/15 |                            | 457.46                     | Static             | 2507.38                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/6/15  |                            | 457.51                     | Static             | 2507.33                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | 456.88                     | Static             | 2507.96                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/12/16  |                            | 456.39                     | Static             | 2508.45                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/7/16   |                            | 456.05                     | Static             | 2508.79                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/7/16   |                            | 457.18                     | Static             | 2507.66                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 463.83                     | Static             | 2501.01                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/22/17  |                            | 463.35                     | Static             | 2501.49                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/6/17   |                            | 468.72                     | Static             | 2496.12                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/5/17  |                            | 472.50                     | Static             | 2492.34                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/12/18  |                            | 473.23                     | Static             | 2491.61                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/19/18 |                            | 479.30                     | Static             | 2485.54                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/8/19   |                            | 476.21                     | Static             | 2488.63                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name  | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MO-2007-1C | 907209                        | 3529328.777                                                          | 500013.371                                                          | 2968.58                                      | 7/30/07  |                            | 423.87                     |                    | 2544.71                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/9/07  |                            | 427.02                     |                    | 2541.56                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/24/08  |                            | 424.00                     |                    | 2544.58                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/9/08   |                            | 423.30                     |                    | 2545.28                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/14/08  |                            | 426.73                     |                    | 2541.85                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/21/08 |                            | 429.49                     |                    | 2539.09                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/16/09  |                            | 426.75                     |                    | 2541.83                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/1/09   |                            | 424.90                     |                    | 2543.68                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/1/09   |                            | 428.81                     |                    | 2539.77                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/22/09 |                            | 427.60                     |                    | 2540.98                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/16/10  |                            | 426.93                     |                    | 2541.65                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/13/10 |                            | 431.88                     |                    | 2536.70                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/20/11  |                            | 427.32                     |                    | 2541.26                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/6/11  |                            | 431.80                     |                    | 2536.78                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/12/12  |                            | 429.40                     |                    | 2539.18                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/24/12 |                            | 433.08                     |                    | 2535.50                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/8/13   |                            | 426.50                     |                    | 2542.08                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/23/13 |                            | 433.06                     |                    | 2535.52                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 434.69                     |                    | 2533.89                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/29/14  |                            | 437.08                     |                    | 2531.50                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/8/14   |                            | 436.98                     |                    | 2531.60                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 440.40                     |                    | 2528.18                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 443.49                     |                    | 2525.09                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 444.30                     |                    | 2524.28                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 445.02                     | Static             | 2523.56                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 447.53                     |                    | 2521.05                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/12/14 |                            | 447.62                     |                    | 2520.96                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 12/16/14 |                            | 447.70                     | Static             | 2520.88                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 447.80                     | Static             | 2520.78                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 447.84                     | Static             | 2520.74                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/12/15  |                            | 447.72                     | Static             | 2520.86                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/22/15  |                            | 449.56                     | Static             | 2519.02                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 450.74                     | Static             | 2517.84                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/1/15   |                            | 451.18                     | Static             | 2517.40                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | 454.01                     | Static             | 2514.57                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 455.18                     | Static             | 2513.40                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/20/15 |                            | 456.30                     | Static             | 2512.28                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/6/15  |                            | 456.67                     | Static             | 2511.91                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | 455.64                     | Static             | 2512.94                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/12/16  |                            | 455.31                     | Static             | 2513.27                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/7/16   |                            | 455.12                     | Static             | 2513.46                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/7/16   |                            | 456.31                     | Static             | 2512.27                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 463.00                     | Static             | 2505.58                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/22/17  |                            | 463.00                     | Static             | 2505.58                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/6/17   |                            | 468.71                     | Static             | 2499.87                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/5/17  |                            | 471.62                     | Static             | 2496.96                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/12/18  |                            | 472.73                     | Static             | 2495.85                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/19/18 |                            | 478.40                     | Static             | 2490.18                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/8/19   |                            | 475.91                     | Static             | 2492.67                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MO-2007-2 | 906765                        | 3527621.127                                                          | 497911.604                                                          | 3150.87                                      | 8/9/07   |                            | 575.30                     |                    | 2575.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/9/07  |                            | 576.60                     |                    | 2574.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/22/08  |                            | 577.22                     |                    | 2573.65                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/17/08  |                            | 576.65                     |                    | 2574.22                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/14/08  |                            | 577.35                     |                    | 2573.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/17/08 |                            | 578.54                     |                    | 2572.33                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/15/09  |                            | 579.10                     |                    | 2571.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/1/09   |                            | 578.38                     |                    | 2572.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/13/10  |                            | 580.50                     |                    | 2570.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/27/11  |                            | 581.41                     |                    | 2569.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/12   |                            | 581.75                     |                    | 2569.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/8/13   |                            | 582.45                     |                    | 2568.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 592.12                     |                    | 2558.75                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/14   |                            | 591.93                     |                    | 2558.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/8/14   |                            | 590.86                     |                    | 2560.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/14   |                            | 600.45                     |                    | 2550.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 604.52                     |                    | 2546.35                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 605.29                     |                    | 2545.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 607.39                     | Static             | 2543.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/28/14 |                            | 610.63                     |                    | 2540.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 612.53                     |                    | 2538.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/16/14 |                            | 613.88                     | Static             | 2536.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 615.76                     | Static             | 2535.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/17/15  |                            | 616.21                     | Static             | 2534.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/12/15  |                            | 617.30                     | Static             | 2533.57                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/7/15   |                            | 618.25                     | Static             | 2532.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 619.83                     | Static             | 2531.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/1/15   |                            | 620.29                     | Static             | 2530.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/22/15  |                            | 621.75                     | Static             | 2529.12                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/14/15  |                            | 622.49                     | Static             | 2528.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/18/15 |                            | 625.66                     | Static             | 2525.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/7/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/8/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/8/16  |                            | 633.18                     | Static             | 2517.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/20/17  |                            | 638.15                     | Static             | 2512.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/17 |                            | 639.35                     | Static             | 2511.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/19/18  |                            | 644.01                     | Static             | 2506.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/18 |                            | 643.73                     | Static             | 2507.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/24/19  |                            | 640.78                     | Static             | 2510.09                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name               | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-------------------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MO-2007-3B <sup>5</sup> | 906816                        | 3528508.810                                                          | 500522.410                                                          | 2909.12                                      | 9/10/07  |                            | 359.38                     |                    | 2549.74                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 10/9/07  |                            | 359.55                     |                    | 2549.57                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 1/21/08  |                            | 357.13                     |                    | 2551.99                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 4/16/08  |                            | 357.10                     |                    | 2552.02                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 7/14/08  |                            | 358.71                     |                    | 2550.41                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 10/22/08 |                            | 361.77                     |                    | 2547.35                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 1/19/09  |                            | 358.95                     |                    | 2550.17                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 4/1/09   |                            | 357.70                     |                    | 2551.42                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 7/27/09  |                            | 361.21                     |                    | 2547.91                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 10/22/09 |                            | 365.50                     |                    | 2543.62                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 3/11/10  |                            | 359.36                     |                    | 2549.76                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 4/14/10  |                            | 360.30                     |                    | 2548.82                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 7/21/10  |                            | 362.20                     |                    | 2546.92                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 10/26/10 |                            | 364.82                     |                    | 2544.30                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 1/18/11  |                            | 361.99                     |                    | 2547.13                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 5/4/11   |                            | 361.59                     |                    | 2547.53                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 7/6/11   |                            | 363.80                     |                    | 2545.32                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 11/22/11 |                            | 365.10                     |                    | 2544.02                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 1/11/12  |                            | 363.36                     |                    | 2545.76                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 5/8/12   |                            | 362.09                     |                    | 2547.03                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 8/7/12   |                            | 363.87                     |                    | 2545.25                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 1/8/13   |                            | 362.33                     |                    | 2546.79                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 4/9/13   |                            | 360.13                     |                    | 2548.99                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 5/21/13  |                            | 359.84                     |                    | 2549.28                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 8/27/13  |                            | 365.16                     |                    | 2543.96                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 10/24/13 |                            | 366.19                     |                    | 2542.93                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 1/7/14   |                            | 364.11                     |                    | 2545.01                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 368.18                     |                    | 2540.94                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 4/16/14  |                            | 369.34                     |                    | 2539.78                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 369.35                     |                    | 2539.77                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 6/23/14  |                            | 369.35                     |                    | 2539.77                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 7/1/14   |                            | 375.64                     |                    | 2533.48                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 7/8/14   |                            | 375.64                     |                    | 2533.48                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 377.48                     |                    | 2531.64                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 378.82                     | Static             | 2530.30                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 10/29/14 |                            | 379.96                     |                    | 2529.16                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 11/13/14 |                            | 381.17                     |                    | 2527.95                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 382.07                     | Static             | 2527.05                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 1/21/15  |                            | 382.22                     | Static             | 2526.90                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 382.40                     | Static             | 2526.72                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 382.99                     | Static             | 2526.13                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 4/27/15  |                            | 384.26                     | Static             | 2524.86                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 385.07                     | Static             | 2524.05                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 385.86                     | Static             | 2523.26                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 7/7/15   |                            | 388.29                     | Static             | 2520.83                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 8/14/15  |                            | 390.46                     | Static             | 2518.66                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 10/21/15 |                            | 390.68                     | Static             | 2518.44                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | 390.72                     | Static             | 2518.40                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 1/4/16   |                            | 391.00                     | Static             | 2518.12                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 391.06                     | Static             | 2518.06                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 3/11/16  |                            | 391.15                     | Static             | 2517.97                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 4/11/16  |                            | 392.36                     | Static             | 2516.76                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 7/6/16   |                            | 395.89                     | Static             | 2513.23                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 8/24/16  |                            | 397.00                     | Static             | 2512.12                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 398.28                     | Static             | 2510.84                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 1/10/17  |                            | 397.80                     | Static             | 2511.32                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 5/3/17   |                            | 400.61                     | Static             | 2508.51                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 7/12/17  |                            | 404.75                     | Static             | 2504.37                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 10/9/17  |                            | 408.01                     | Static             | 2501.11                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 1/10/18  |                            | 407.01                     | Static             | 2502.11                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 4/17/18  |                            | 410.14                     | Static             | 2498.98                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 8/8/18   |                            | 413.65                     | Static             | 2495.47                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 11/28/18 |                            | 420.40                     | Static             | 2488.72                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 2/18/19  |                            | 420.49                     | Static             | 2488.63                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 4/9/19   |                            | 411.50                     | Static             | 2497.62                               | Sierrita       |
|                         |                               |                                                                      |                                                                     |                                              | 7/17/19  |                            | 413.97                     | Static             | 2495.15                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name  | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MO-2007-3C | 906817                        | 3528508.800                                                          | 500529.710                                                          | 2908.87                                      | 7/5/07   |                            | 356.30                     |                    | 2552.57                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/10/07 |                            | 359.85                     |                    | 2549.02                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/21/08  |                            | 356.74                     |                    | 2552.13                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/15/08  |                            | 357.18                     |                    | 2551.69                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/14/08  |                            | 359.84                     |                    | 2549.03                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/21/08 |                            | 361.99                     |                    | 2546.88                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/19/09  |                            | 359.61                     |                    | 2549.26                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/1/09   |                            | 358                        |                    | 2550.87                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/22/09  |                            | 362                        |                    | 2546.87                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/22/09 |                            | 362.80                     |                    | 2546.07                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/11/10  |                            | 359.62                     |                    | 2549.25                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/14/10  |                            | 360.45                     |                    | 2548.42                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/21/10  |                            | 367.50                     |                    | 2541.37                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/26/10 |                            | 365.13                     |                    | 2543.74                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/18/11  |                            | 361.62                     |                    | 2547.25                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/4/11   |                            | 361.61                     |                    | 2547.26                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/6/11   |                            | 363.75                     |                    | 2545.12                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/5/11  |                            | 365.50                     |                    | 2543.37                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/11/12  |                            | 363.36                     |                    | 2545.51                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/7/12   |                            | 362.35                     |                    | 2546.52                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/7/12   |                            | 364.49                     |                    | 2544.38                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/10/12 |                            | 366.50                     |                    | 2542.37                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/8/13   |                            | 362.59                     |                    | 2546.28                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/9/13   |                            | 360.45                     |                    | 2548.42                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/27/13  |                            | 365.47                     |                    | 2543.40                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/24/13 |                            | 366.79                     |                    | 2542.08                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/7/14   |                            | 364.19                     |                    | 2544.68                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 368.09                     |                    | 2540.78                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/16/14  |                            | 369.60                     |                    | 2539.27                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 369.63                     |                    | 2539.24                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/23/14  |                            | 369.65                     |                    | 2539.22                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/1/14   |                            | 376.55                     |                    | 2532.32                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/9/14   |                            | 376.55                     |                    | 2532.32                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 377.79                     |                    | 2531.08                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 379.28                     | Static             | 2529.59                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/29/14 |                            | 380.51                     |                    | 2528.36                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/13/14 |                            | 381.92                     |                    | 2526.95                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 383.22                     | Static             | 2525.65                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/21/15  |                            | 381.99                     | Static             | 2526.88                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 382.14                     | Static             | 2526.73                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 383.42                     | Static             | 2525.45                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/27/15  |                            | 384.85                     | Static             | 2524.02                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 385.50                     | Static             | 2523.37                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 386.10                     | Static             | 2522.77                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/7/15   |                            | 389.01                     | Static             | 2519.86                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/14/15  |                            | 391.60                     | Static             | 2517.27                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/21/15 |                            | 391.47                     | Static             | 2517.40                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | 391.43                     | Static             | 2517.44                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/4/16   |                            | 391.32                     | Static             | 2517.55                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 391.29                     | Static             | 2517.58                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/11/16  |                            | 391.35                     | Static             | 2517.52                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/11/16  |                            | 392.60                     | Static             | 2516.27                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/6/16   |                            | 396.00                     | Static             | 2512.87                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/24/16  |                            | 397.63                     | Static             | 2511.24                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 398.89                     | Static             | 2509.98                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/10/17  |                            | 397.75                     | Static             | 2511.12                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/3/17   |                            | 401.03                     | Static             | 2507.84                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/12/17  |                            | 405.00                     | Static             | 2503.87                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/9/17  |                            | 408.00                     | Static             | 2500.87                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/11/18  |                            | 408.19                     | Static             | 2500.68                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/17/18  |                            | 409.84                     | Static             | 2499.03                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/8/18   |                            | 413.71                     | Static             | 2495.16                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 413.02                     | Static             | 2495.85                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/18/19  |                            | 409.49                     | Static             | 2499.38                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/9/19   |                            | 411.16                     | Static             | 2497.71                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/17/19  |                            | 414.56                     | Static             | 2494.31                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name  | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MO-2007-4A | 907213                        | 3525634.956                                                          | 500383.682                                                          | 2923.63                                      | 10/9/07  |                            | 307.67                     |                    | 2615.96                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/22/08  |                            | 303.85                     |                    | 2619.78                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/16/08  |                            | 305.46                     |                    | 2618.17                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/17/08  |                            | 308.05                     |                    | 2615.58                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/22/08 |                            | 309.65                     |                    | 2613.98                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/19/09  |                            | 306.28                     |                    | 2617.35                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/2/09   |                            | 306.69                     |                    | 2616.94                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/1/09   |                            | 307.92                     |                    | 2615.71                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/26/09 |                            | 309.10                     |                    | 2614.53                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/26/10  |                            | 308.52                     |                    | 2615.11                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/14/10  |                            | 308.53                     |                    | 2615.10                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/21/10  |                            | 311.05                     |                    | 2612.58                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/13/10 |                            | 312.00                     |                    | 2611.63                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/19/11  |                            | 308.82                     |                    | 2614.81                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/4/11   |                            | 309.68                     |                    | 2613.95                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/6/11   |                            | 311.75                     |                    | 2611.88                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/5/11  |                            | 312.50                     |                    | 2611.13                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/17/12  |                            | 310.05                     |                    | 2613.58                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/7/12   |                            | 310.42                     |                    | 2613.21                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/13/12  |                            | 313.30                     |                    | 2610.33                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/23/12 |                            | 314.17                     |                    | 2609.46                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/21/13  |                            | 311.70                     |                    | 2611.93                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/10/13  |                            | 312.68                     |                    | 2610.95                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/10/13  |                            | 316.31                     |                    | 2607.32                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/22/13 |                            | 318.07                     |                    | 2605.56                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/10/14  |                            | 316.34                     |                    | 2607.29                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 319.78                     |                    | 2603.85                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/8/14   |                            | 321.40                     |                    | 2602.23                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/6/14   |                            | 321.36                     |                    | 2602.27                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/23/14  |                            | 321.33                     |                    | 2602.30                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/8/14   |                            | 329.06                     |                    | 2594.57                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 331.16                     |                    | 2592.47                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 332.77                     | Static             | 2590.86                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/29/14 |                            | 334.28                     |                    | 2589.35                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/12/14 |                            | 335.68                     |                    | 2587.95                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 336.93                     | Static             | 2586.70                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/14/15  |                            | 337.62                     | Static             | 2586.01                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 337.92                     | Static             | 2585.71                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 339.75                     | Static             | 2583.88                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/15/15  |                            | 340.81                     | Static             | 2582.82                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 340.96                     | Static             | 2582.67                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 341.09                     | Static             | 2582.54                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 345.02                     | Static             | 2578.61                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/14/15  |                            | 348.22                     | Static             | 2575.41                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/22/15 |                            | 349.01                     | Static             | 2574.62                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | 349.11                     | Static             | 2574.52                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/4/16   |                            | 349.81                     | Static             | 2573.82                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 349.90                     | Static             | 2573.73                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/8/16   |                            | 349.95                     | Static             | 2573.68                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/7/16   |                            | 351.76                     | Static             | 2571.87                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/5/16   |                            | 355.00                     | Static             | 2568.63                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/24/16  |                            | 357.00                     | Static             | 2566.63                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/25/16 |                            | 359.05                     | Static             | 2564.58                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/12/17  |                            | 359.41                     | Static             | 2564.22                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/3/17   |                            | 361.97                     | Static             | 2561.66                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/13/17  |                            | 364.39                     | Static             | 2559.24                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/10/17 |                            | 366.11                     | Static             | 2557.52                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/15/18  |                            | 365.30                     | Static             | 2558.33                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/16/18  |                            | 366.83                     | Static             | 2556.80                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/9/18   |                            | 369.48                     | Static             | 2554.15                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 12/3/18  |                            | 368.91                     | Static             | 2554.72                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/14/19  |                            | 366.09                     | Static             | 2557.54                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/11/19  |                            | 365.69                     | Static             | 2557.94                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/18/19  |                            | 369.62                     | Static             | 2554.01                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/9/19   |                            | 370.76                     | Static             | 2552.87                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name  | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MO-2007-4B | 907212                        | 3525613.952                                                          | 500380.947                                                          | 2923.57                                      | 10/11/07 |                            | 308.72                     |                    | 2614.85                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/7/08   |                            | 304.22                     |                    | 2619.35                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/16/08  |                            | 306.48                     |                    | 2617.09                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/18/08  |                            | 308.95                     |                    | 2614.62                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/22/08 |                            | 310.77                     |                    | 2612.80                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/21/09  |                            | 306                        |                    | 2617.57                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/2/09   |                            | 306.72                     |                    | 2616.85                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/1/09   |                            | 309.1                      |                    | 2614.47                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/26/09 |                            | 313.00                     |                    | 2610.57                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/26/10  |                            | 308.29                     |                    | 2615.28                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/14/10  |                            | 308.79                     |                    | 2614.78                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/21/10  |                            | 311.22                     |                    | 2612.35                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/13/10 |                            | 312.39                     |                    | 2611.18                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/19/11  |                            | 308.84                     |                    | 2614.73                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/4/11   |                            | 310.40                     |                    | 2613.17                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/6/11   |                            | 312.85                     |                    | 2610.72                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/5/11  |                            | 313.50                     |                    | 2610.07                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/17/12  |                            | 309.81                     |                    | 2613.76                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/7/12   |                            | 311.47                     |                    | 2612.10                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/13/12  |                            | 314.42                     |                    | 2609.15                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/23/12 |                            | 315.28                     |                    | 2608.29                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/21/13  |                            | 311.79                     |                    | 2611.78                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/10/13  |                            | 313.17                     |                    | 2610.40                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/10/13  |                            | 317.96                     |                    | 2605.61                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/22/13 |                            | 319.56                     |                    | 2604.01                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/10/14  |                            | 316.92                     |                    | 2606.65                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 322.35                     |                    | 2601.22                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/8/14   |                            | 324.09                     |                    | 2599.48                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/6/14   |                            | 324.03                     |                    | 2599.54                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/23/14  |                            | 324.00                     |                    | 2599.57                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/8/14   |                            | 333.65                     |                    | 2589.92                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 335.20                     |                    | 2588.37                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 336.99                     | Static             | 2586.58                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/29/14 |                            | 338.56                     |                    | 2585.01                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/12/14 |                            | 339.10                     |                    | 2584.47                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 339.66                     | Static             | 2583.91                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/14/15  |                            | 340.55                     | Static             | 2583.02                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 340.70                     | Static             | 2582.87                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 343.16                     | Static             | 2580.41                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/15/15  |                            | 345.50                     | Static             | 2578.07                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 346.89                     | Static             | 2576.68                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 348.27                     | Static             | 2575.30                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 348.40                     | Static             | 2575.17                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/14/15  |                            | 348.79                     | Static             | 2574.78                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/22/15 |                            | 351.65                     | Static             | 2571.92                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | 351.79                     | Static             | 2571.78                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/4/16   |                            | 351.66                     | Static             | 2571.91                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 351.63                     | Static             | 2571.94                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/8/16   |                            | 351.59                     | Static             | 2571.98                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/7/16   |                            | 354.90                     | Static             | 2568.67                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/5/16   |                            | 357.28                     | Static             | 2566.29                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/24/16  |                            | 360.30                     | Static             | 2563.27                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/25/16 |                            | 362.00                     | Static             | 2561.57                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/12/17  |                            | 360.51                     | Static             | 2563.06                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/3/17   |                            | 364.61                     | Static             | 2558.96                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/13/17  |                            | 366.76                     | Static             | 2556.81                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/10/17 |                            | 371.87                     | Static             | 2551.70                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/15/18  |                            | 365.55                     | Static             | 2558.02                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/16/18  |                            | 367.90                     | Static             | 2555.67                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/9/18   |                            | 370.81                     | Static             | 2552.76                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 12/3/18  |                            | 368.75                     | Static             | 2554.82                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/14/19  |                            | 365.77                     | Static             | 2557.80                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/11/19  |                            | 365.80                     | Static             | 2557.77                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/18/19  |                            | 370.73                     | Static             | 2552.84                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/9/19   |                            | 372.17                     | Static             | 2551.40                               | Sierrita       |



**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name  | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MO-2007-4C | 907211                        | 3525624.484                                                          | 500382.217                                                          | 2923.66                                      | 8/12/07  |                            | 307.13                     |                    | 2616.53                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/12/07 |                            | 308.78                     |                    | 2614.88                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/22/08  |                            | 304.90                     |                    | 2618.76                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/16/08  |                            | 306.75                     |                    | 2616.91                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/18/08  |                            | 309.10                     |                    | 2614.56                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/22/08 |                            | 311.41                     |                    | 2612.25                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/21/09  |                            | 306.80                     |                    | 2616.86                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/2/09   |                            | 311.49                     |                    | 2612.17                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/1/09   |                            | 311.68                     |                    | 2611.98                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/26/09 |                            | 311.30                     |                    | 2612.36                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/26/10  |                            | 309.53                     |                    | 2614.13                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/14/10  |                            | 309.58                     |                    | 2614.08                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/21/10  |                            | 312.75                     |                    | 2610.91                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/13/10 |                            | 313.49                     |                    | 2610.17                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/19/11  |                            | 309.94                     |                    | 2613.72                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/4/11   |                            | 311.53                     |                    | 2612.13                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/6/11   |                            | 314.05                     |                    | 2609.61                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/5/11  |                            | 314.80                     |                    | 2608.86                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/12/12  |                            | 311.00                     |                    | 2612.66                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/7/12   |                            | 312.37                     |                    | 2611.29                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/13/12  |                            | 315.55                     |                    | 2608.11                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/23/12 |                            | 316.47                     |                    | 2607.19                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/21/13  |                            | 312.89                     |                    | 2610.77                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/10/13  |                            | 314.14                     |                    | 2609.52                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/10/13  |                            | 318.94                     |                    | 2604.72                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/22/13 |                            | 320.63                     |                    | 2603.03                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/10/14  |                            | 318.02                     |                    | 2605.64                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 323.88                     |                    | 2599.78                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/8/14   |                            | 325.83                     |                    | 2597.83                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/6/14   |                            | 325.81                     |                    | 2597.85                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/23/14  |                            | 325.84                     |                    | 2597.82                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/8/14   |                            | 335.70                     |                    | 2587.96                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 336.88                     |                    | 2586.78                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 338.81                     | Static             | 2584.85                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/29/14 |                            | 340.60                     |                    | 2583.06                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/12/14 |                            | 341.00                     |                    | 2582.66                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 341.53                     | Static             | 2582.13                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/14/15  |                            | 342.40                     | Static             | 2581.26                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 342.47                     | Static             | 2581.19                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 344.92                     | Static             | 2578.74                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/15/15  |                            | 347.40                     | Static             | 2576.26                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 349.11                     | Static             | 2574.55                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 350.79                     | Static             | 2572.87                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/8/15   |                            | 350.81                     | Static             | 2572.85                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/14/15  |                            | 350.93                     | Static             | 2572.73                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/22/15 |                            | 353.38                     | Static             | 2570.28                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | 353.47                     | Static             | 2570.19                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/4/16   |                            | 353.36                     | Static             | 2570.30                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 353.31                     | Static             | 2570.35                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/8/16   |                            | 353.28                     | Static             | 2570.38                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/7/16   |                            | 356.68                     | Static             | 2566.98                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/5/16   |                            | 359.00                     | Static             | 2564.66                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/24/16  |                            | 362.00                     | Static             | 2561.66                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/25/16 |                            | 363.81                     | Static             | 2559.85                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/12/17  |                            | 362.22                     | Static             | 2561.44                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/3/17   |                            | 366.20                     | Static             | 2557.46                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/13/17  |                            | 368.30                     | Static             | 2555.36                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/10/17 |                            | 369.79                     | Static             | 2553.87                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/15/18  |                            | 367.13                     | Static             | 2556.53                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/16/18  |                            | 369.39                     | Static             | 2554.27                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/9/18   |                            | 372.30                     | Static             | 2551.36                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 12/3/18  |                            | 370.11                     | Static             | 2553.55                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/14/19  |                            | 367.17                     | Static             | 2556.49                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/11/19  |                            | 367.27                     | Static             | 2556.39                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/18/19  |                            | 372.10                     | Static             | 2551.56                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/9/19   |                            | 373.63                     | Static             | 2550.03                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name  | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MO-2007-5B | 907456                        | 3523743.376                                                          | 500013.850                                                          | 2944.35                                      | 10/12/07 |                            | 268.27                     |                    | 2676.08                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/7/08   |                            | 262.09                     |                    | 2682.26                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/17/08  |                            | 266.22                     |                    | 2678.13                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/24/08  |                            | 268.61                     |                    | 2675.74                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/23/08 |                            | 272.16                     |                    | 2672.19                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/21/09  |                            | 265.83                     |                    | 2678.52                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/2/09   |                            | 269.20                     |                    | 2675.15                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/25/10  |                            | 268.30                     |                    | 2676.05                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/27/10  |                            | 268.02                     |                    | 2676.33                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 12/10/10 |                            | 272.31                     |                    | 2672.04                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/24/11  |                            | 275.70                     |                    | 2668.65                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/21/11 |                            | 273.28                     |                    | 2671.07                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/20/12  |                            | 277.46                     |                    | 2666.89                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/6/12  |                            | 280.33                     |                    | 2664.02                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/12/13  |                            | 288.32                     |                    | 2656.03                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/24/13 |                            | 287.84                     |                    | 2656.51                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 287.24                     |                    | 2657.11                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/29/14  |                            | 294.80                     |                    | 2649.55                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 294.78                     |                    | 2649.57                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/23/14  |                            | 294.76                     |                    | 2649.59                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 299.29                     |                    | 2645.06                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 301.38                     |                    | 2642.97                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 302.31                     | Static             | 2642.04                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/15/14 |                            | 300.14                     |                    | 2644.21                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 300.87                     |                    | 2643.48                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 301.43                     | Static             | 2642.92                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 301.89                     | Static             | 2642.46                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 302.08                     | Static             | 2642.27                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/18/15  |                            | 303.65                     | Static             | 2640.70                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/28/15  |                            | 307.69                     | Static             | 2636.66                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 309.80                     | Static             | 2634.55                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 311.87                     | Static             | 2632.48                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/24/15  |                            | 311.80                     | Static             | 2632.55                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 312.19                     | Static             | 2632.16                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 312.41                     | Static             | 2631.94                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | 309.68                     | Static             | 2634.67                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/12/16  |                            | 308.51                     | Static             | 2635.84                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/8/16   |                            | 308.22                     | Static             | 2636.13                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/12/16  |                            | 310.08                     | Static             | 2634.27                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/21/16  |                            | 316.53                     | Static             | 2627.82                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/26/16 |                            | 315.69                     | Static             | 2628.66                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/2/17   |                            | 319.01                     | Static             | 2625.34                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/12/17  |                            | 322.88                     | Static             | 2621.47                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/4/17  |                            | 320.55                     | Static             | 2623.80                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/18/18  |                            | 315.95                     | Static             | 2628.40                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/20/18 |                            | 316.81                     | Static             | 2627.54                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/10/19  |                            | 317.63                     | Static             | 2626.72                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/10/19  |                            | 321.52                     | Static             | 2622.83                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name  | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MO-2007-5C | 907457                        | 3523736.459                                                          | 500014.152                                                          | 2944.91                                      | 8/23/07  |                            | 294.04                     |                    | 2650.87                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/13/07 |                            | 289.70                     |                    | 2655.21                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/7/08   |                            | 285.09                     |                    | 2659.82                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/17/08  |                            | 281.52                     |                    | 2663.39                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/24/08  |                            | 282.42                     |                    | 2662.49                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/23/08 |                            | 285.03                     |                    | 2659.88                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/22/09  |                            | 281.38                     |                    | 2663.53                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/13/09  |                            | 282.35                     |                    | 2662.56                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/27/09 |                            | 284.70                     |                    | 2660.21                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/27/10  |                            | 276.49                     |                    | 2668.42                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 12/10/10 |                            | 278.31                     |                    | 2666.60                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/24/11  |                            | 278.21                     |                    | 2666.70                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/21/11 |                            | 280.98                     |                    | 2663.93                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/18/12  |                            | 281.66                     |                    | 2663.25                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/6/12  |                            | 286.84                     |                    | 2658.07                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/13/13  |                            | 292.47                     |                    | 2652.44                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/12/13 |                            | 292.49                     |                    | 2652.42                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 291.79                     |                    | 2653.12                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/6/14   |                            | 298.74                     |                    | 2646.17                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/23/14  |                            | 298.76                     |                    | 2646.15                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/28/14  |                            | 304.81                     |                    | 2640.10                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 305.34                     |                    | 2639.57                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 305.94                     | Static             | 2638.97                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/15/14 |                            | 305.76                     |                    | 2639.15                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 305.90                     |                    | 2639.01                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 306.05                     | Static             | 2638.86                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/29/15  |                            | 306.20                     | Static             | 2638.71                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 306.28                     | Static             | 2638.63                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/18/15  |                            | 307.24                     | Static             | 2637.67                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/28/15  |                            | 311.45                     | Static             | 2633.46                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 314.13                     | Static             | 2630.78                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 316.83                     | Static             | 2628.08                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/24/15  |                            | 316.72                     | Static             | 2628.19                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 316.75                     | Static             | 2628.16                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 316.90                     | Static             | 2628.01                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/7/16   |                            | 314.72                     | Static             | 2630.19                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/12/16  |                            | 313.11                     | Static             | 2631.80                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/8/16   |                            | 312.89                     | Static             | 2632.02                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/9/16   |                            | 316.98                     | Static             | 2627.93                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/21/16  |                            | 322.60                     | Static             | 2622.31                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/26/16 |                            | 325.16                     | Static             | 2619.75                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/2/17   |                            | 325.36                     | Static             | 2619.55                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/12/17  |                            | 331.48                     | Static             | 2613.43                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/4/17  |                            | 329.00                     | Static             | 2615.91                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/18/18  |                            | 323.57                     | Static             | 2621.34                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/20/18 |                            | 325.12                     | Static             | 2619.79                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/10/19  |                            | 326.00                     | Static             | 2618.91                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/10/19  |                            | 330.39                     | Static             | 2614.52                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name  | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MO-2007-6A | 907607                        | 3521842.050                                                          | 498367.161                                                          | 3043.37                                      | 10/2/07  |                            | 303.60                     |                    | 2739.77                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/22/08  |                            | 303.27                     |                    | 2740.10                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/18/08  |                            | 304.02                     |                    | 2739.35                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/24/08  |                            | 305.81                     |                    | 2737.56                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/23/08 |                            | 307.85                     |                    | 2735.52                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/22/09  |                            | 305.87                     |                    | 2737.50                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/2/09   |                            | 304.87                     |                    | 2738.50                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/22/09  |                            | 307.15                     |                    | 2736.22                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/26/09 |                            | 307.00                     |                    | 2736.37                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/11/10  |                            | 306.15                     |                    | 2737.22                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/21/10  |                            | 306.44                     |                    | 2736.93                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/10/10  |                            | 309.12                     |                    | 2734.25                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/26/10 |                            | 308.95                     |                    | 2734.42                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/18/11  |                            | 307.78                     |                    | 2735.59                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/5/11   |                            | 308.13                     |                    | 2735.24                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/7/11   |                            | 309.90                     |                    | 2733.47                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/6/11  |                            | 311.10                     |                    | 2732.27                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/11/12  |                            | 311.24                     |                    | 2732.13                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/12/12  |                            | 314.95                     |                    | 2728.42                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/13/12  |                            | 317.93                     |                    | 2725.44                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/18/12 |                            | 316.94                     |                    | 2726.43                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/8/13   |                            | 321.98                     |                    | 2721.39                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/9/13   |                            | 323.05                     |                    | 2720.32                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/10/13  |                            | 326.23                     |                    | 2717.14                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/22/13 |                            | 329.74                     |                    | 2713.63                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/6/14   |                            | 329.94                     |                    | 2713.43                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 329.85                     |                    | 2713.52                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/9/14   |                            | 330.14                     |                    | 2713.23                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 330.12                     |                    | 2713.25                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/23/14  |                            | 330.08                     |                    | 2713.29                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/8/14   |                            | 331.19                     |                    | 2712.18                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 331.41                     |                    | 2711.96                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 331.78                     | Static             | 2711.59                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/29/14 |                            | 331.92                     |                    | 2711.45                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 332.08                     |                    | 2711.29                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 331.73                     | Static             | 2711.64                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/8/15   |                            | 332.23                     | Static             | 2711.14                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 332.26                     | Static             | 2711.11                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/18/15  |                            | 331.64                     | Static             | 2711.73                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/16/15  |                            | 332.31                     | Static             | 2711.06                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 332.86                     | Static             | 2710.51                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 333.38                     | Static             | 2709.99                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/2/15   |                            | 335.11                     | Static             | 2708.26                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 335.91                     | Static             | 2707.46                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/19/15 |                            | 336.37                     | Static             | 2707.00                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/5/15  |                            | 336.32                     | Static             | 2707.05                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/18/16  |                            | 335.74                     | Static             | 2707.63                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 335.70                     | Static             | 2707.67                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/8/16   |                            | 335.80                     | Static             | 2707.57                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/6/16   |                            | 334.20                     | Static             | 2709.17                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/5/16   |                            | 332.08                     | Static             | 2711.29                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/25/16 |                            | 331.40                     | Static             | 2711.97                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/11/17  |                            | 329.40                     | Static             | 2713.97                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/3/17   |                            | 330.05                     | Static             | 2713.32                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/13/17  |                            | 332.15                     | Static             | 2711.22                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/11/17 |                            | 331.00                     | Static             | 2712.37                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/11/18  |                            | 328.20                     | Static             | 2715.17                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/17/18  |                            | 327.02                     | Static             | 2716.35                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/13/18  |                            | 329.32                     | Static             | 2714.05                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/19/18 |                            | 331.00                     | Static             | 2712.37                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/7/19   |                            | 329.15                     | Static             | 2714.22                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/9/19   |                            | 329.16                     | Static             | 2714.21                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/30/19  |                            | 328.61                     | Static             | 2714.76                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/5/19   |                            | 329.92                     | Static             | 2713.45                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name  | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MO-2007-6B | 907606                        | 3521849.495                                                          | 498367.887                                                          | 3043.05                                      | 10/4/07  |                            | 319.17                     |                    | 2723.88                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/21/08  |                            | 314.78                     |                    | 2728.27                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/17/08  |                            | 314.75                     |                    | 2728.30                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/24/08  |                            | 317.04                     |                    | 2726.01                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/23/08 |                            | 318.17                     |                    | 2724.88                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/22/09  |                            | 316.58                     |                    | 2726.47                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/2/09   |                            | 316.05                     |                    | 2727.00                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/22/09  |                            | 317.49                     |                    | 2725.56                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/26/09 |                            | 319.37                     |                    | 2723.68                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/11/10  |                            | 316.58                     |                    | 2726.47                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/21/10  |                            | 316.64                     |                    | 2726.41                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/10/10  |                            | 318.40                     |                    | 2724.65                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/26/10 |                            | 318.66                     |                    | 2724.39                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/18/11  |                            | 317.52                     |                    | 2725.53                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/5/11   |                            | 317.00                     |                    | 2726.05                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/7/11   |                            | 318.58                     |                    | 2724.47                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/6/11  |                            | 319.92                     |                    | 2723.13                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/11/12  |                            | 320.03                     |                    | 2723.02                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/12/12  |                            | 325.69                     |                    | 2717.36                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/13/12  |                            | 329.12                     |                    | 2713.93                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/18/12 |                            | 332.52                     |                    | 2710.53                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/8/13   |                            | 333.92                     |                    | 2709.13                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/9/13   |                            | 335.80                     |                    | 2707.25                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/10/13  |                            | 337.52                     |                    | 2705.53                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/22/13 |                            | 340.62                     |                    | 2702.43                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/6/14   |                            | 340.62                     |                    | 2702.43                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 340.61                     |                    | 2702.44                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/9/14   |                            | 340.98                     |                    | 2702.07                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 341.00                     |                    | 2702.05                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/23/14  |                            | 341.04                     |                    | 2702.01                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/8/14   |                            | 341.95                     |                    | 2701.10                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 342.50                     |                    | 2700.55                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 342.88                     | Static             | 2700.17                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/29/14 |                            | 342.96                     |                    | 2700.09                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 343.11                     |                    | 2699.94                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 345.25                     |                    | 2697.80                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/8/15   |                            | 346.10                     | Static             | 2696.95                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 346.87                     | Static             | 2696.18                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/18/15  |                            | 346.11                     | Static             | 2696.94                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/16/15  |                            | 347.00                     | Static             | 2696.05                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 347.39                     | Static             | 2695.66                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 347.75                     | Static             | 2695.30                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/2/15   |                            | 350.24                     | Static             | 2692.81                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | 351.57                     | Static             | 2691.48                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/19/15 |                            | 351.41                     | Static             | 2691.64                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/5/15  |                            | 351.30                     | Static             | 2691.75                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/18/16  |                            | 351.95                     | Static             | 2691.10                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 352.06                     | Static             | 2690.99                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 3/8/16   |                            | 352.13                     | Static             | 2690.92                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/6/16   |                            | 350.88                     | Static             | 2692.17                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/5/16   |                            | 346.62                     | Static             | 2696.43                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/17/16  |                            | 346.51                     | Static             | 2696.54                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/25/16 |                            | 346.80                     | Static             | 2696.25                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/11/17  |                            | 346.65                     | Static             | 2696.40                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/3/17   |                            | 348.16                     | Static             | 2694.89                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/13/17  |                            | 349.12                     | Static             | 2693.93                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/10/17 |                            | 345.85                     | Static             | 2697.20                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/11/18  |                            | 345.00                     | Static             | 2698.05                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/17/18  |                            | 343.29                     | Static             | 2699.76                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/13/18  |                            | 345.52                     | Static             | 2697.53                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/19/18 |                            | 347.80                     | Static             | 2695.25                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/7/19   |                            | 345.02                     | Static             | 2698.03                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/9/19   |                            | 344.02                     | Static             | 2699.03                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/30/19  |                            | 343.00                     | Static             | 2700.05                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 9/5/19   |                            | 346.02                     | Static             | 2697.03                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name              | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|------------------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MO-2009-1 <sup>5</sup> | 910458                        | 3523370.784                                                          | 500531.926                                                          | 2890.78                                      | 6/2/09   |                            | 226.35                     |                    | 2664.43                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 7/29/09  |                            | 222.46                     |                    | 2668.32                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 11/3/09  |                            | 225.90                     |                    | 2664.88                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 1/25/10  |                            | 212.26                     |                    | 2678.52                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 4/20/10  |                            | 219.94                     |                    | 2670.84                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 8/10/10  |                            | 227.88                     |                    | 2662.90                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 12/15/10 |                            | 215.16                     |                    | 2675.62                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 2/2/11   |                            | 214.99                     |                    | 2675.79                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 6/16/11  |                            | 226.45                     |                    | 2664.33                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 8/31/11  |                            | 223.97                     |                    | 2666.81                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 12/1/11  |                            | 219.96                     |                    | 2670.82                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 1/11/12  |                            | 222.55                     |                    | 2668.23                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 5/9/12   |                            | 225.63                     |                    | 2665.15                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 8/15/12  |                            | 234.23                     |                    | 2656.55                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 11/29/12 |                            | 229.30                     |                    | 2661.48                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 1/8/13   |                            | 229.63                     |                    | 2661.15                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 4/10/13  |                            | 233.98                     |                    | 2656.80                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 7/11/13  |                            | 238.53                     |                    | 2652.25                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 10/16/13 |                            | 237.57                     |                    | 2653.21                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 1/6/14   |                            | 236.58                     |                    | 2654.20                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 237.34                     |                    | 2653.44                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 4/24/14  |                            | 248.16                     |                    | 2642.62                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 5/6/14   |                            | 248.19                     |                    | 2642.59                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 6/23/14  |                            | 248.22                     |                    | 2642.56                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 7/8/14   |                            | 252.36                     |                    | 2638.42                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 8/7/14   |                            | 254.35                     |                    | 2636.43                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 9/8/14   |                            | 256.45                     | Static             | 2634.33                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 10/29/14 |                            | 258.27                     |                    | 2632.51                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 259.64                     |                    | 2631.14                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 248.01                     |                    | 2642.77                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 1/13/15  |                            | 248.22                     | Static             | 2642.56                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 250.14                     | Static             | 2640.64                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 251.42                     | Static             | 2639.36                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 4/15/15  |                            | 262.15                     | Static             | 2628.63                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | 266.63                     | Static             | 2624.15                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | 269.42                     | Static             | 2621.36                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 7/7/15   |                            | 268.50                     | Static             | 2622.28                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 8/14/15  |                            | 268.44                     | Static             | 2622.34                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 10/20/15 |                            | 254.32                     | Static             | 2636.46                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | 253.14                     | Static             | 2637.64                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 1/6/16   |                            | 252.71                     | Static             | 2638.07                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 252.67                     | Static             | 2638.11                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 3/8/16   |                            | 252.51                     | Static             | 2638.27                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 4/12/16  |                            | 251.75                     | Static             | 2639.03                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 7/5/16   |                            | 255.42                     | Static             | 2635.36                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 10/26/16 |                            | 259.08                     | Static             | 2631.70                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 1/12/17  |                            | 261.02                     | Static             | 2629.76                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 5/4/17   |                            | 266.01                     | Static             | 2624.77                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 7/12/17  |                            | 268.46                     | Static             | 2622.32                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 10/4/17  |                            | 262.92                     | Static             | 2627.86                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 1/18/18  |                            | 254.40                     | Static             | 2636.38                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 4/18/18  |                            | 256.78                     | Static             | 2634.00                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 8/8/18   |                            | 267.90                     | Static             | 2622.88                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 11/20/18 |                            | 256.88                     | Static             | 2633.90                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 2/20/19  |                            | 257.68                     | Static             | 2633.10                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 4/10/19  |                            | 259.60                     | Static             | 2631.18                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 7/30/19  |                            | 267.60                     | Static             | 2623.18                               | Sierrita       |
|                        |                               |                                                                      |                                                                     |                                              | 9/4/19   |                            | 267.66                     | Static             | 2623.12                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name  | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date    | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|---------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| MW-2016-5A | 919635                        | 3529727.200                                                          | 500430.090                                                          | 2927.07                                      | 8/10/16 |                            | 427.25                     | Static             | 2499.82                               | Clear Creek    |
|            |                               |                                                                      |                                                                     |                                              | 10/6/16 |                            | 431.85                     | Static             | 2495.22                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/11/17 |                            | 425.00                     | Static             | 2502.07                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/9/17  |                            | 429.00                     | Static             | 2498.07                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/11/17 |                            | 433.49                     | Static             | 2493.58                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/3/17 |                            | 439.74                     | Static             | 2487.33                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/10/18 |                            | 434.47                     | Static             | 2492.60                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/10/18 |                            | 437.88                     | Static             | 2489.19                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/13/18 |                            | 442.62                     | Static             | 2484.45                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/5/18 |                            | 442.91                     | Static             | 2484.16                               | Sierrita       |
| MW-2016-5B | 919472                        | 3529722.72                                                           | 500444.100                                                          | 2925.46                                      | 2/19/19 |                            | 437.10                     | Static             | 2489.97                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/15/19 |                            | 437.62                     | Static             | 2489.45                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/4/16  |                            | 425.50                     | Static             | 2499.96                               | Clear Creek    |
|            |                               |                                                                      |                                                                     |                                              | 10/6/16 |                            | 427.01                     | Static             | 2498.45                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/11/17 |                            | 422.41                     | Static             | 2503.05                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/9/17  |                            | 426.96                     | Static             | 2498.50                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/31/17 |                            | 429.00                     | Static             | 2496.46                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/11/17 |                            | 431.99                     | Static             | 2493.47                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/3/17 |                            | 435.27                     | Static             | 2490.19                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/10/18 |                            | 432.07                     | Static             | 2493.39                               | Sierrita       |
| MW-2016-6  | 919676                        | 3529884.009                                                          | 500056.237                                                          | 2969.20                                      | 5/10/18 |                            | 436.01                     | Static             | 2489.45                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/13/18 |                            | 440.74                     | Static             | 2484.72                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/5/18 |                            | 440.55                     | Static             | 2484.91                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/19/19 |                            | 434.59                     | Static             | 2490.87                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/15/19 |                            | 435.55                     | Static             | 2489.91                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/16/16 |                            | 471.29                     | Static             | 2497.91                               | Clear Creek    |
|            |                               |                                                                      |                                                                     |                                              | 10/6/16 |                            | 471.48                     | Static             | 2497.72                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/11/17 |                            | 467.79                     | Static             | 2501.41                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/9/17  |                            | 471.79                     | Static             | 2497.41                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 7/10/17 |                            | 476.35                     | Static             | 2492.85                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 10/3/17 |                            | 479.70                     | Static             | 2489.50                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 1/10/18 |                            | 477.48                     | Static             | 2491.72                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 5/10/18 |                            | 480.55                     | Static             | 2488.65                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 8/13/18 |                            | 485.14                     | Static             | 2484.06                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 11/5/18 |                            | 485.70                     | Static             | 2483.50                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 2/19/19 |                            | 479.98                     | Static             | 2489.22                               | Sierrita       |
|            |                               |                                                                      |                                                                     |                                              | 4/15/19 |                            | 480.58                     | Static             | 2488.62                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name         | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-------------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| NP-2 <sup>5</sup> | 605898                        | 3528517.380                                                          | 500582.460                                                          | 2904.75                                      | 11/6/07  |                            | 355.10                     |                    | 2549.65                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 1/11/08  |                            | 353.67                     |                    | 2551.08                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/17/08  |                            | 352.20                     |                    | 2552.55                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 7/11/08  |                            | 355.10                     |                    | 2549.65                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/9/08  |                            | 356.24                     |                    | 2548.51                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 2/9/09   |                            | 355.00                     |                    | 2549.75                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/24/09  |                            | 354.80                     |                    | 2549.95                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 9/22/09  |                            | 358.90                     |                    | 2545.85                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 12/31/09 |                            | 358.57                     |                    | 2546.18                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 2/17/10  |                            | 357.20                     |                    | 2547.55                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/22/10  |                            | 356.38                     |                    | 2548.37                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 8/5/10   |                            | 357.93                     |                    | 2546.82                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/25/10 |                            | 360.80                     |                    | 2543.95                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 1/19/11  |                            | 358.68                     |                    | 2546.07                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/3/11   |                            | 358.30                     |                    | 2546.45                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 7/18/11  |                            | 359.72                     |                    | 2545.03                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 12/5/11  |                            | 360.27                     |                    | 2544.48                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 3/21/12  |                            | 358.10                     |                    | 2546.65                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/18/12  |                            | 359.28                     |                    | 2545.47                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 8/15/12  |                            | 360.45                     |                    | 2544.30                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 11/29/12 |                            | 360.79                     |                    | 2543.96                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 2/20/13  |                            | 356.92                     |                    | 2547.83                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/17/13  |                            | 358.19                     |                    | 2546.56                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 8/27/13  |                            | 360.56                     |                    | 2544.19                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/30/13 |                            | 362.56                     |                    | 2542.19                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 1/7/14   |                            | 361.24                     |                    | 2543.51                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 3/12/14  |                            | 363.18                     |                    | 2541.57                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/23/14  |                            | 364.29                     |                    | 2540.46                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/14/14  |                            | 364.22                     |                    | 2540.53                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/23/14  |                            | 364.24                     |                    | 2540.51                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 7/1/14   |                            | 368.67                     |                    | 2536.08                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 8/8/14   |                            | 370.36                     |                    | 2534.39                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 9/9/14   |                            | 372.75                     | Static             | 2532.00                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/13/14 |                            | 374.58                     |                    | 2530.17                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 11/26/14 |                            | 375.76                     |                    | 2528.99                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 12/17/14 |                            | 376.89                     | Static             | 2527.86                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 1/14/15  |                            | 377.12                     | Static             | 2527.63                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 2/27/15  |                            | 377.25                     | Static             | 2527.50                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 3/26/15  |                            | 377.65                     | Static             | 2527.10                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/28/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/21/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/2/15   |                            | UTM                        |                    | NA                                    | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 7/23/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 8/25/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 11/2/15  |                            | UTM                        |                    | NA                                    | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 1/14/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 3/11/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/8/16   |                            | UTM                        |                    | NA                                    | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 8/23/16  |                            | 392.03                     | Static             | 2512.72                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 12/5/16  |                            | 394.30                     | Static             | 2510.45                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 1/16/17  |                            | 393.62                     | Static             | 2511.13                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/23/17  |                            | 393.62                     | Static             | 2511.13                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 8/8/17   |                            | 399.79                     | Static             | 2504.96                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/26/17 |                            | 403.25                     | Static             | 2501.50                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/4/18   |                            | 404.42                     | Static             | 2500.33                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 9/5/18   |                            | 408.40                     | Static             | 2496.35                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 12/5/18  |                            | 408.74                     | Static             | 2496.01                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 3/5/19   |                            | 405.60                     | Static             | 2499.15                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 406.13                     | Static             | 2498.62                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 8/13/19  |                            | 409.82                     | Static             | 2494.93                               | Sierrita       |



**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| PS-1      | 220861                        | 3529110.26                                                           | 499164.17                                                           | 3040.665                                     | 12/30/11 | 497.01                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/30/11 | 517.69                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/13/14  |                            | Obstructed                 |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/8/14   |                            | 516.79                     | Dynamic            | 2523.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/14  |                            | 516.79                     | Dynamic            | 2523.88                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/15/14  | 516.79                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/22/14  |                            | 525.44                     | Dynamic            | 2515.23                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/22/14  | 525.44                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 525.44                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   |                            | 525.25                     | Dynamic            | 2515.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   | 525.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 527.00                     | Dynamic            | 2513.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 526.79                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 527.40                     | Dynamic            | 2513.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 527.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 527.40                     | Dynamic            | 2513.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 527.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 517.95                     | Static             | 2522.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 517.74                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 531.19                     | Dynamic            | 2509.48                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 530.98                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 532.05                     | Dynamic            | 2508.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 531.84                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/4/15   |                            | 532.50                     | Dynamic            | 2508.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/4/15   |                            | 533.20                     | Dynamic            | 2507.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/3/15   |                            | 533.60                     | Dynamic            | 2507.07                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 534.15                     | Dynamic            | 2506.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 534.95                     | Dynamic            | 2505.72                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/15   |                            | 536.00                     | Dynamic            | 2504.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 537.05                     | Dynamic            | 2503.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/18/15  |                            | 538.65                     | Dynamic            | 2502.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 540.50                     | Dynamic            | 2500.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 540.98                     | Dynamic            | 2499.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 541.40                     | Dynamic            | 2499.27                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 541.90                     | Dynamic            | 2498.77                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 542.22                     | Dynamic            | 2498.45                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/8/16   |                            | 542.50                     | Dynamic            | 2498.17                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 547.81                     | Dynamic            | 2492.86                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 556.33                     | Dynamic            | 2484.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 561.70                     | Dynamic            | 2478.97                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 565.04                     | Dynamic            | 2475.63                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 569.72                     | Dynamic            | 2470.95                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 574.12                     | Dynamic            | 2466.55                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 573.70                     | Dynamic            | 2466.97                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 571.05                     | Dynamic            | 2469.62                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| PS-2      | 220862                        | 3529357.16                                                           | 499319.31                                                           | 3027.365                                     | 6/5/12   | 486.97                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/5/12   | 509.07                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14  |                            | 507.18                     | Dynamic            | 2520.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14  | 507.18                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14  |                            | 494.54                     | Dynamic            | 2532.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 507.91                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/5/14   | 506.02                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/13/14  |                            | 510.78                     | Dynamic            | 2516.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/8/14   |                            | 514.76                     | Dynamic            | 2512.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 514.76                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   |                            | 514.95                     | Dynamic            | 2512.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   | 514.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 516.80                     | Dynamic            | 2510.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 516.59                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 518.30                     | Dynamic            | 2509.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 518.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 519.40                     | Dynamic            | 2507.96                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 519.40                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 507.20                     | Static             | 2520.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 506.99                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 523.35                     | Dynamic            | 2504.01                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 523.14                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 523.80                     | Dynamic            | 2503.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 523.59                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/4/15   |                            | 524.60                     | Dynamic            | 2502.76                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/4/15   |                            | 524.50                     | Dynamic            | 2502.86                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/3/15   |                            | 524.70                     | Dynamic            | 2502.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 525.20                     | Dynamic            | 2502.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 526.10                     | Dynamic            | 2501.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/15   |                            | 527.00                     | Dynamic            | 2500.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 528.20                     | Dynamic            | 2499.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/18/15  |                            | 529.80                     | Dynamic            | 2497.56                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 531.75                     | Dynamic            | 2495.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 531.95                     | Dynamic            | 2495.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 532.15                     | Dynamic            | 2495.21                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 531.25                     | Dynamic            | 2496.11                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 532.30                     | Dynamic            | 2495.06                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 532.50                     | Dynamic            | 2494.86                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/8/16   |                            | 532.70                     | Dynamic            | 2494.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 538.80                     | Dynamic            | 2488.56                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 548.31                     | Dynamic            | 2479.05                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 553.30                     | Dynamic            | 2474.06                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 556.60                     | Dynamic            | 2470.76                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 555.10                     | Dynamic            | 2472.26                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 558.45                     | Dynamic            | 2468.91                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 544.60                     | Static             | 2482.76                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 560.00                     | Dynamic            | 2467.36                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| PS-3      | 220863                        | 3529350.24                                                           | 499571.46                                                           | 3006.290                                     | 5/14/12  | 466.60                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 5/14/12  | 490.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14  |                            | 488.84                     | Dynamic            | 2517.45                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14  | 488.84                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14  |                            | 488.23                     | Dynamic            | 2518.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14  | 488.23                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 487.89                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/5/14   | 490.26                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/13/14  |                            | 491.86                     | Dynamic            | 2514.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/8/14   |                            | 495.82                     | Dynamic            | 2510.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 495.82                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   |                            | 495.90                     | Dynamic            | 2510.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   | 495.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 497.70                     | Dynamic            | 2508.59                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 497.47                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 498.90                     | Dynamic            | 2507.39                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 498.90                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 500.25                     | Dynamic            | 2506.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 500.25                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 486.45                     | Static             | 2519.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 486.22                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 503.75                     | Dynamic            | 2502.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 503.52                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 504.20                     | Dynamic            | 2502.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 503.97                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/4/15   |                            | 504.55                     | Dynamic            | 2501.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/4/15   |                            | 504.45                     | Dynamic            | 2501.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/3/15   |                            | 504.75                     | Dynamic            | 2501.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 505.50                     | Dynamic            | 2500.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 506.35                     | Dynamic            | 2499.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/15   |                            | 507.50                     | Dynamic            | 2498.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 508.92                     | Dynamic            | 2497.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/18/15  |                            | 510.50                     | Dynamic            | 2495.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 512.40                     | Dynamic            | 2493.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 512.55                     | Dynamic            | 2493.74                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 512.75                     | Dynamic            | 2493.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | 511.65                     | Dynamic            | 2494.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 512.55                     | Dynamic            | 2493.74                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 512.97                     | Dynamic            | 2493.32                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/8/16   |                            | 515.20                     | Dynamic            | 2491.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 519.45                     | Dynamic            | 2486.84                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 533.49                     | Dynamic            | 2472.80                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 538.05                     | Dynamic            | 2468.24                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 541.40                     | Dynamic            | 2464.89                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 516.82                     | Static             | 2489.47                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 546.05                     | Dynamic            | 2460.24                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 544.30                     | Dynamic            | 2461.99                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 543.10                     | Dynamic            | 2463.19                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| PS-4      | 220864                        | 3528837.60                                                           | 499153.27                                                           | 3045.74                                      | 7/6/12   | 497.85                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/12   | 508.95                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14  |                            | 513.92                     | Dynamic            | 2531.82                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/15/14  | 513.92                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14  |                            | 514.38                     | Dynamic            | 2531.36                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/22/14  | 514.38                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/28/14  | 514.64                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 2/5/14   | 515.45                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 3/13/14  |                            | 508.14                     | Dynamic            | 2537.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/8/14   |                            | 522.58                     | Dynamic            | 2523.16                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/30/14  | 522.58                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   |                            | 523.05                     | Dynamic            | 2522.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/5/14   | 523.05                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   |                            | 525.25                     | Dynamic            | 2520.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/14   | 525.02                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  |                            | 526.30                     | Dynamic            | 2519.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/31/14  | 526.30                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  |                            | 527.50                     | Dynamic            | 2518.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/27/14  | 527.50                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  |                            | 520.05                     | Static             | 2525.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/1/14  | 519.82                     |                            | Static             |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  |                            | 531.80                     | Dynamic            | 2513.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/14  | 531.57                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  |                            | 532.60                     | Dynamic            | 2513.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/14  | 532.37                     |                            | Dynamic            |                                       | BW, 2015a      |
|           |                               |                                                                      |                                                                     |                                              | 1/4/15   |                            | 524.20                     | Dynamic            | 2521.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/4/15   |                            | 534.50                     | Dynamic            | 2511.24                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 3/3/15   |                            | 535.05                     | Dynamic            | 2510.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/15   |                            | 535.65                     | Dynamic            | 2510.09                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/15   |                            | 536.45                     | Dynamic            | 2509.29                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/9/15   |                            | 537.60                     | Dynamic            | 2508.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/6/15   |                            | 538.95                     | Dynamic            | 2506.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 8/18/15  |                            | 540.10                     | Dynamic            | 2505.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/7/15  |                            | 541.95                     | Dynamic            | 2503.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/4/15  |                            | 542.75                     | Dynamic            | 2502.99                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/15  |                            | 543.10                     | Dynamic            | 2502.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/11/16  |                            | 543.90                     | Dynamic            | 2501.84                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 3/4/16   |                            | 544.50                     | Dynamic            | 2501.24                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/8/16   |                            | 544.90                     | Dynamic            | 2500.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/16  |                            | 551.08                     | Dynamic            | 2494.66                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 4/18/17  |                            | 543.05                     | Static             | 2502.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/20/17  |                            | 561.00                     | Dynamic            | 2484.74                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 10/25/17 |                            | 563.80                     | Dynamic            | 2481.94                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/22/18  |                            | 552.30                     | Static             | 2493.44                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 9/25/18  |                            | 568.70                     | Dynamic            | 2477.04                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 11/26/18 |                            | 568.80                     | Dynamic            | 2476.94                               | BW             |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 566.20                     | Dynamic            | 2479.54                               | BW             |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| PZ-7      | 561870                        | 3526357.485                                                          | 492533.171                                                          | 3549.17                                      | 11/16/06 |                            | 139.55                     |                    | 3409.62                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/12/07  |                            | 139.50                     |                    | 3409.67                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/9/07   |                            | 139.65                     |                    | 3409.52                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/24/07  |                            | 139.76                     |                    | 3409.41                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/16/07 |                            | 139.49                     |                    | 3409.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/7/08   |                            | 139.25                     |                    | 3409.92                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/28/08  |                            | 139.59                     |                    | 3409.58                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/11/08  |                            | 139.71                     |                    | 3409.46                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/14/08 |                            | 139.73                     |                    | 3409.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 2/9/09   |                            | 139.79                     |                    | 3409.38                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/6/09   |                            | 139.80                     |                    | 3409.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/23/10  |                            | 140.22                     |                    | 3408.95                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/18/11  |                            | 140.62                     |                    | 3408.55                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/6/12   |                            | 136.67                     |                    | 3412.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/10/13  |                            | 136.91                     |                    | 3412.26                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/8/14   |                            | 135.75                     |                    | 3413.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/21/15  |                            | 136.49                     | Static             | 3412.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/18/15 |                            | 138.20                     | Static             | 3410.97                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/26/16  |                            | 138.28                     | Static             | 3410.89                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/16  |                            | 138.70                     | Static             | 3410.47                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/9/17   |                            | 138.81                     | Static             | 3410.36                               | Sierrita       |
| PZ-8      | 561866                        | 3524196.243                                                          | 492972.681                                                          | 3480.36                                      | 11/14/06 |                            | 206.30                     |                    | 3274.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/10/07  |                            | 207.42                     |                    | 3272.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/17/07  |                            | 198.52                     |                    | 3281.84                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/12/07  |                            | 209.46                     |                    | 3270.90                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/5/07  |                            | 205.30                     |                    | 3275.06                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/3/08   |                            | 212.94                     |                    | 3267.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/8/08   |                            | 217.43                     |                    | 3262.93                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 7/1/08   |                            | 221.70                     |                    | 3258.66                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 10/8/08  |                            | 222.49                     |                    | 3257.87                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 1/8/09   |                            | 223.63                     |                    | 3256.73                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/8/09   |                            | 224.72                     |                    | 3255.64                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/20/10  |                            | 227.87                     |                    | 3252.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/19/11  |                            | 228.73                     |                    | 3251.63                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/25/12  |                            | 229.66                     |                    | 3250.70                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/10/13  |                            | 230.86                     |                    | 3249.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/23/14  |                            | 232.32                     |                    | 3248.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/24/14  |                            | 232.59                     |                    | 3247.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/14/15  |                            | 234.11                     | Static             | 3246.25                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/18/15 |                            | 235.22                     | Static             | 3245.14                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/26/16  |                            | 233.24                     | Static             | 3247.12                               | Sierrita       |
| S-1       | 623111                        | 3519084.973                                                          | 499736.647                                                          | 2920                                         | 12/9/16  |                            | 234.38                     | Static             | 3245.98                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/9/17   |                            | 232.76                     | Static             | 3247.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/17 |                            | 233.42                     | Static             | 3246.94                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/2/18   |                            | 233.68                     | Static             | 3246.68                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/3/18   |                            | 233.75                     | Static             | 3246.61                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/15/18 |                            | 231.92                     | Static             | 3248.44                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 4/17/19  |                            | 229.59                     | Static             | 3250.77                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/19/15  |                            | 167.21                     | Static             | 2752.79                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/18/15 |                            | 169.40                     | Static             | 2750.60                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/15/16  |                            | 161.51                     | Static             | 2758.49                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/2/16  |                            | 172.66                     | Static             | 2747.34                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/8/17   |                            | 163.70                     | Static             | 2756.30                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/16/17 |                            | 157.50                     | Static             | 2762.50                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/11/18 |                            | 222.90                     | Dynamic            | 2697.10                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/8/19   |                            | 156.55                     | Static             | 2763.45                               | Sierrita       |

**TABLE 4**  
**Compilation of Groundwater Elevation Data**

| Well Name         | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic  | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-------------------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|---------------------|---------------------------------------|----------------|
| ST-6<br>(POE-006) | 608530                        | 3531352.523                                                          | 501247.709                                                          | 2855.88                                      | 6/18/15  |                            | 356.25                     | Static <sup>2</sup> | 2499.63                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 11/25/15 |                            | 353.30                     | Static <sup>2</sup> | 2502.58                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/15/16  |                            | 359.59                     | Static <sup>2</sup> | 2496.29                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 12/21/16 |                            | 355.76                     | Static <sup>2</sup> | 2500.12                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/8/17   |                            | 366.60                     | Static <sup>2</sup> | 2489.28                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 11/16/17 |                            | 367.00                     | Static <sup>2</sup> | 2488.88                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/11/18  |                            | 374.22                     | Static <sup>2</sup> | 2481.66                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 12/11/18 |                            | 372.00                     | Static <sup>2</sup> | 2483.88                               | Sierrita       |
| TMM-1             | 616156                        | 3529736.231                                                          | 500018.323                                                          | 2967.08                                      | 5/8/19   |                            | 371.72                     | Static              | 2484.16                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/18/07  |                            | 432.50                     |                     | 2534.58                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/19/07  |                            | 432.00                     |                     | 2535.08                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/4/07  |                            | 437.58                     |                     | 2529.50                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 1/10/08  |                            | 435.75                     |                     | 2531.33                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/18/08  |                            | 433.30                     |                     | 2533.78                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 7/9/08   |                            | 437.37                     |                     | 2529.71                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/9/08  |                            | 439.80                     |                     | 2527.28                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 2/4/09   |                            | 436.62                     |                     | 2530.46                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/21/09  |                            | 433.35                     |                     | 2533.73                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/14/09 |                            | 444.00                     |                     | 2523.08                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/20/10  |                            | 436.99                     |                     | 2530.09                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/6/10  |                            | 442.98                     |                     | 2524.10                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/21/11  |                            | 437.13                     |                     | 2529.95                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 12/21/11 |                            | 435.50                     |                     | 2531.58                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/15/12  |                            | 438.57                     |                     | 2528.51                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 11/23/12 |                            | 443.30                     |                     | 2523.78                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/19/13  |                            | 439.14                     |                     | 2527.94                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 10/29/13 |                            | 443.13                     |                     | 2523.95                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/23/14  |                            | 442.13                     |                     | 2524.95                               | Sierrita       |
| 1225              | 634394                        | 3530604.785                                                          | 499665.900                                                          | 2997.93                                      | 10/2/14  |                            | 451.94                     | Static              | 2515.14                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/28/15  |                            | UTM                        |                     | NA                                    | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 12/2/15  |                            | UTM                        |                     | NA                                    | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/8/16   |                            | UTM                        |                     | NA                                    | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/16/15  |                            | 492.97                     | Static              | 2504.96                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 11/17/15 |                            | 496.96                     | Static              | 2500.97                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/15/16  |                            | 497.61                     | Static              | 2500.32                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 12/9/16  |                            | 499.36                     | Static              | 2498.57                               | Sierrita       |
| 1350              | NR                            | 3528649.387                                                          | 499296.433                                                          | 3033.25                                      | 5/17/17  |                            | 502.25                     | Static              | 2495.68                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 11/13/17 |                            | 510.35                     | Static              | 2487.58                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/8/18   |                            | 512.32                     | Static              | 2485.61                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 11/14/18 |                            | 516.31                     | Static              | 2481.62                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/2/19   |                            | 510.76                     | Static              | 2487.17                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 7/12/07  |                            | 474.29                     |                     | 2558.96                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 11/8/07  |                            | 477.30                     |                     | 2555.95                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 1/9/08   |                            | 477.00                     |                     | 2556.25                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/14/08  |                            | 475.50                     |                     | 2557.75                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 8/7/08   |                            | 477.88                     |                     | 2555.37                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 11/5/08  |                            | 479.21                     |                     | 2554.04                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 1/19/09  |                            | 477.33                     |                     | 2555.92                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/29/09  |                            | 479.57                     |                     | 2553.68                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/28/10  |                            | 478.78                     |                     | 2554.47                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/9/11   |                            | 480.42                     |                     | 2552.83                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/29/12  |                            | 479.57                     |                     | 2553.68                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/23/13  |                            | 481.16                     |                     | 2552.09                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 4/29/14  |                            | Obstructed                 |                     | NA                                    | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/22/14  |                            | Obstructed                 |                     | NA                                    | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/28/14  |                            | 494.95                     |                     | 2538.30                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/16/15  |                            | 511.79                     | Static              | 2521.46                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 11/17/15 |                            | 517.00                     | Static              | 2516.25                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/15/16  |                            | 520.26                     | Static              | 2512.99                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 12/9/16  |                            | 522.40                     | Static              | 2510.85                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/17/17  |                            | 527.00                     | Static              | 2506.25                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 11/13/17 |                            | 534.80                     | Static              | 2498.45                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 6/8/18   |                            | 537.10                     | Static              | 2496.15                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 11/14/18 |                            | 540.24                     | Static              | 2493.01                               | Sierrita       |
|                   |                               |                                                                      |                                                                     |                                              | 5/2/19   |                            | 537.89                     | Static              | 2495.36                               | Sierrita       |

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**Compilation of Groundwater Elevation Data**

| Well Name | ADWR 55<br>Registry<br>Number | Universal<br>Transverse<br>Mercator,<br>Northing<br>(m) <sup>1</sup> | Universal<br>Transverse<br>Mercator,<br>Easting<br>(m) <sup>1</sup> | Measuring<br>Point<br>Elevation<br>(ft amsl) | Date     | Depth to Water<br>(ft bls) | Depth to Water<br>(ft bmp) | Static/<br>Dynamic | Groundwater<br>Elevation<br>(ft amsl) | Data<br>Source |
|-----------|-------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------|----------|----------------------------|----------------------------|--------------------|---------------------------------------|----------------|
| 1758      | 634392                        | 3532416.721                                                          | 499666.531                                                          | 2985.20                                      | 4/10/19  |                            | 496.34                     | Static             | 2488.86                               | Sierrita       |
| 1759      | 634393                        | 3531506.317                                                          | 499666.694                                                          | 2989.54                                      | 6/16/15  |                            | 484.12                     | Static             | 2505.42                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/17/15 |                            | 487.52                     | Static             | 2502.02                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/15/16  |                            | 488.00                     | Static             | 2501.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/9/16  |                            | 490.26                     | Static             | 2499.28                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/17/17  |                            | 492.00                     | Static             | 2497.54                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/9/17  |                            | 506.50                     | Static             | 2483.04                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/8/18   |                            | 502.11                     | Static             | 2487.43                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/18 |                            | 506.00                     | Static             | 2483.54                               | Sierrita       |
| 2123      | 511895                        | 3531870.787                                                          | 499663.205                                                          | 2984.85                                      | 4/10/19  |                            | 497.00                     | Static             | 2487.85                               | Sierrita       |
| 2125      | 514015                        | 3529511.399                                                          | 497813.090                                                          | 3253.98                                      | 6/16/15  |                            | 736.98                     | Static             | 2517.00                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/17/15 |                            | 741.29                     | Static             | 2512.69                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/15/16  |                            | UTM                        |                    | NA                                    | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/22/16 |                            | 749.61                     | Static             | 2504.37                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/20/17  |                            | 752.58                     | Static             | 2501.40                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 12/13/17 |                            | 759.66                     | Static             | 2494.32                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 6/7/18   |                            | 759.90                     | Static             | 2494.08                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 11/14/18 |                            | 760.80                     | Static             | 2493.18                               | Sierrita       |
|           |                               |                                                                      |                                                                     |                                              | 5/7/19   |                            | 757.90                     | Static             | 2496.08                               | Sierrita       |

**Notes:**

<sup>1</sup> Universal Transverse Mercator, Zone 12 North American Datum 1983 (NAD83),

<sup>2</sup> Well was not pumping, however there may be residual drawdown due to pumping history at the well

<sup>3</sup> Measuring point elevation updated based on Google Earth 2016 aerial photo and elevation dat

<sup>4</sup> Depth to water is an average of two water levels: 293 ft bmp and 294 ft bmp; Well was off for 12 hours prior to measurement

<sup>5</sup> Anomalous data removed for NP-2 (6/7/07; 8/13/07), MO-2007-3B (10/10/12), and MO-2009-1 (8/27/13)

ADWR = Arizona Department of Water Resources

BW = BasinWells

Clear Creek = Clear Creek Associates, PLC

DRY = water level below depth of the screen

ft amsl = feet above mean sea level

ft bls = feet below land surface

ft bmp - feet below measuring point

GVDWID = Green Valley Domestic Water Improvement District

m = meters

ND = No elevation data

NA = Not applicable

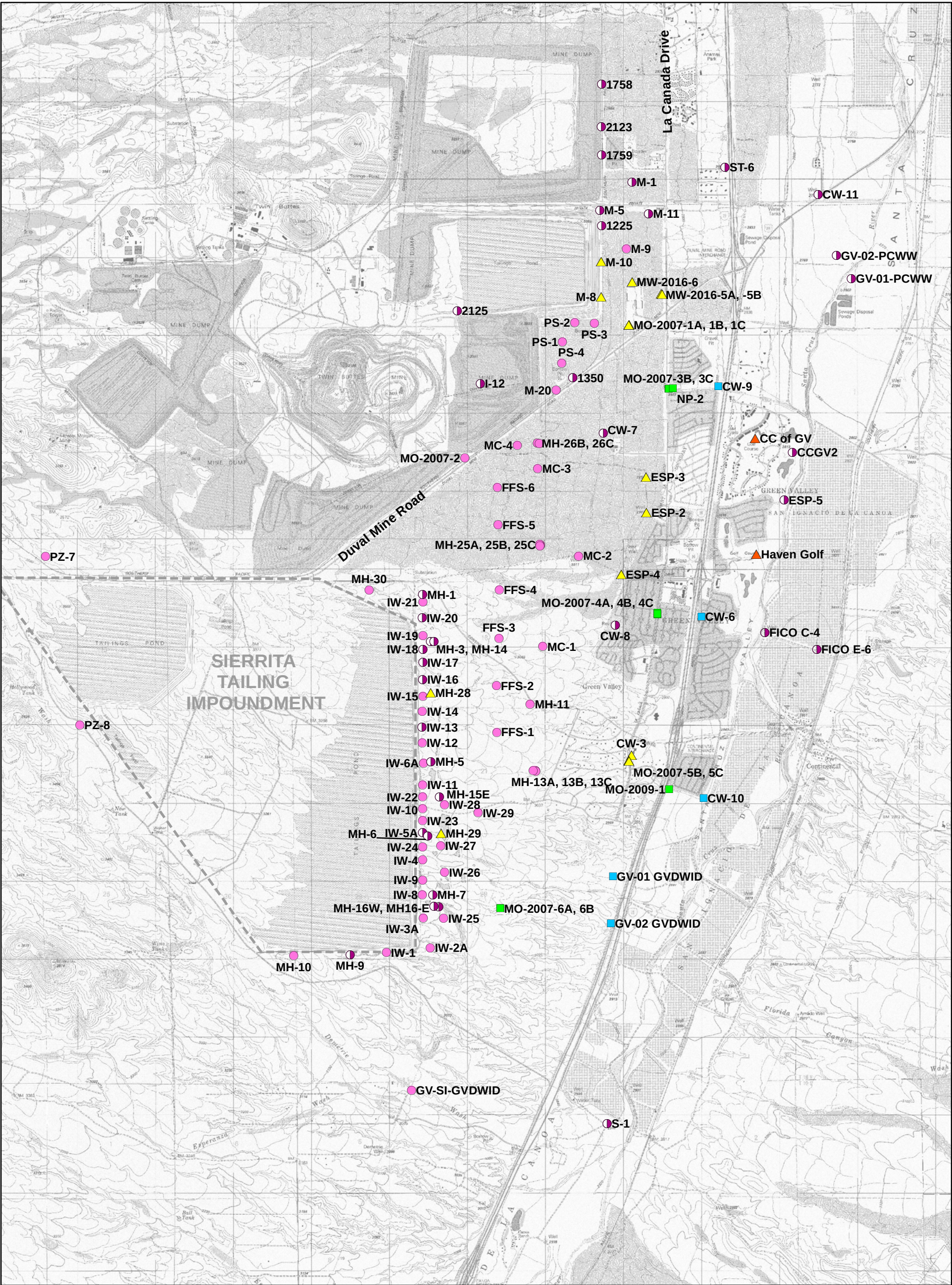
NR = No Record

Sierrita = Freeport-McMoRan Sierrita, Inc.

UTM = Unable to measure; designation includes physical limitations, not desaturation

## FIGURES



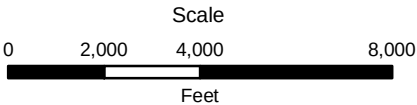


Legend

- Annual Sampling and Semi-Annual Water Levels (Second and Fourth Quarters)
- Semi-Annual Water Level Only (Second and Fourth Quarters)
- Semi-Annual Sampling (Second and Fourth Quarters)
- Quarterly Sampling - Sentinel Well
- Quarterly Sampling - Drinking Water Supply Well
- Annual Sampling (Second Quarter)

Notes

Projection: UTM Zone 12N NAD83



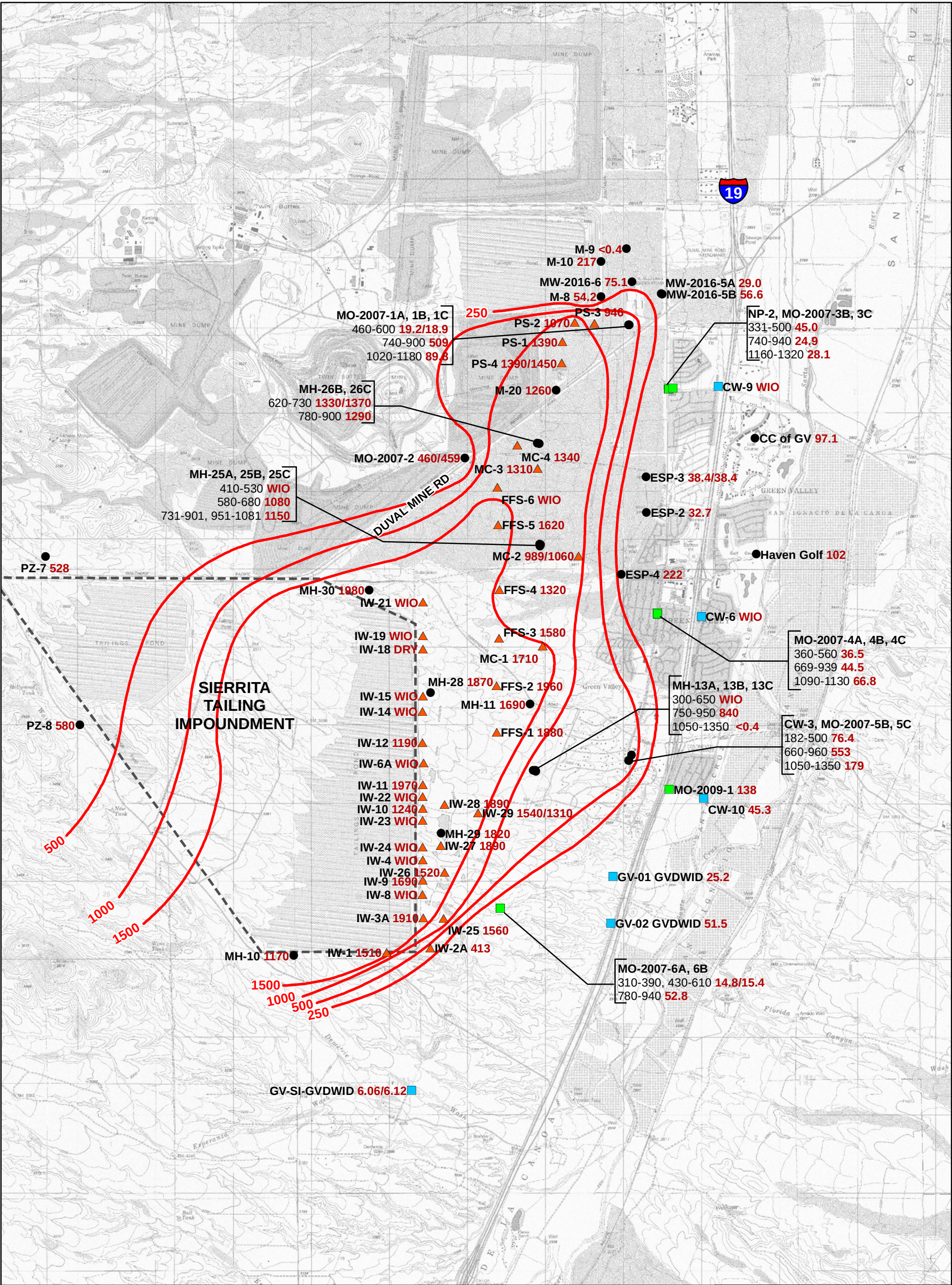
Date 8/27/19

File ID 055039-006M



FIGURE 1  
Sampling Locations  
and Frequency  
for Post-Implementation  
Groundwater Monitoring





**Legend**

250 mg/L Sulfate Concentration Contour

**IW-9** Well ID

1690

Sulfate Concentration (mg/L,  
Duplicate results separated by "/")

WIO

Well Inoperable

Co-Located Wells

Screened Interval (ft bls): **Sulfate Concentration (mg/L)**

**Well Symbols**

Extraction Well

Monitor Well

Sentinel Well

Drinking Water Supply Well

**Notes**

Projection: UTM Zone 12N NAD83

mg/L = milligrams per liter

ft bls = feet below land surface

0200040008000

Feet

Date

8/22/19

File ID

055039-271

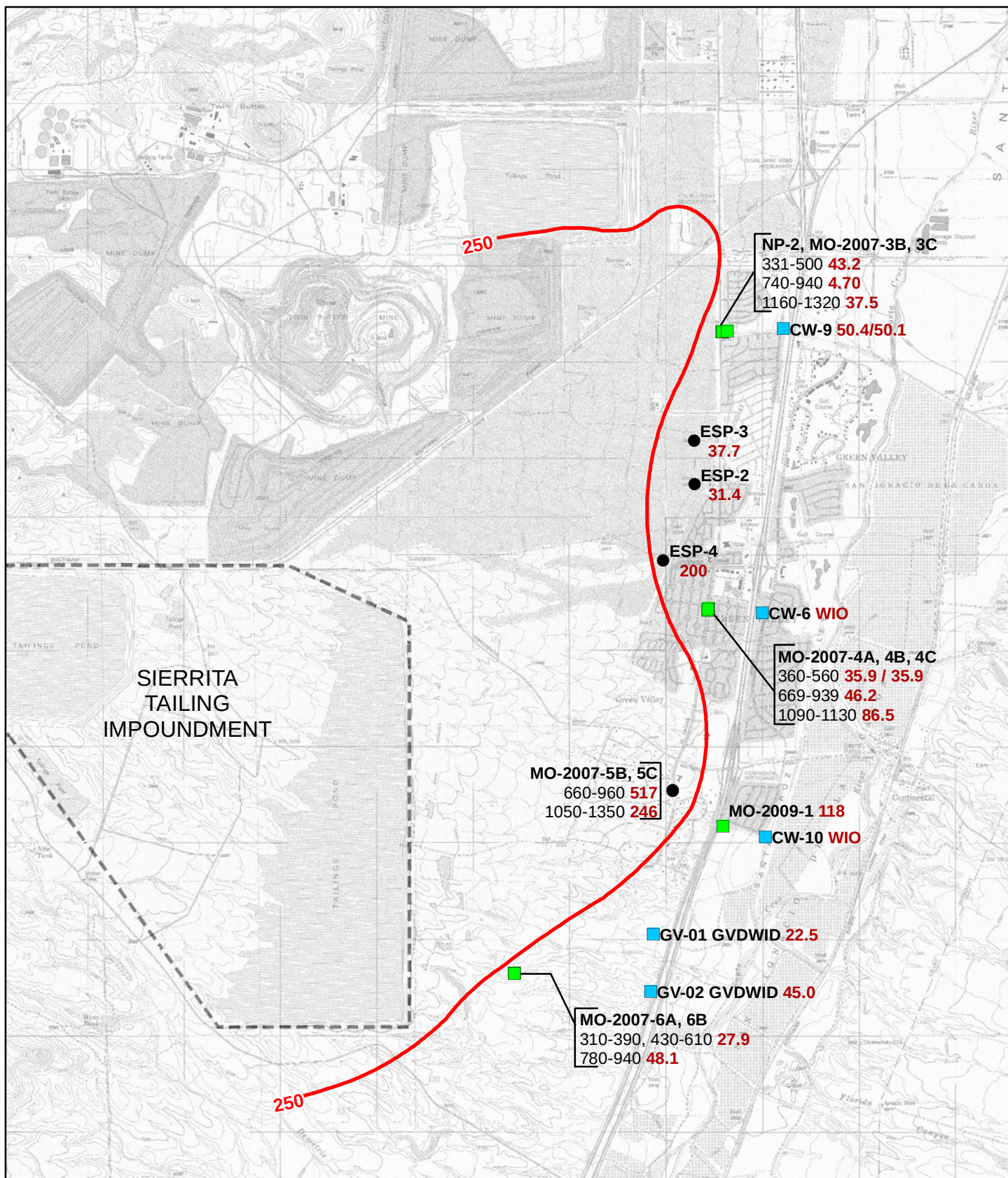
N

**CLEAR CREEK ASSOCIATES**

FIGURE 2

Sulfate Concentrations  
in Groundwater,  
Second Quarter 2019





## Legend

- Sulfate Concentration Contour
- **CW-9** Well ID  
**50.4/50.1** Sulfate Concentration (mg/L),  
Duplicate results separated by "/"
- **WIO** Well Inoperable
- Co-Located Wells
- Screened Interval (feet below land surface):  
**Sulfate Concentration (mg/L)**

## Well Symbols

- Monitor Well
- Sentinel Well
- Drinking Water Supply Well

## Notes

Projection: UTM Zone 12N NAD83  
 mg/L = milligrams per liter

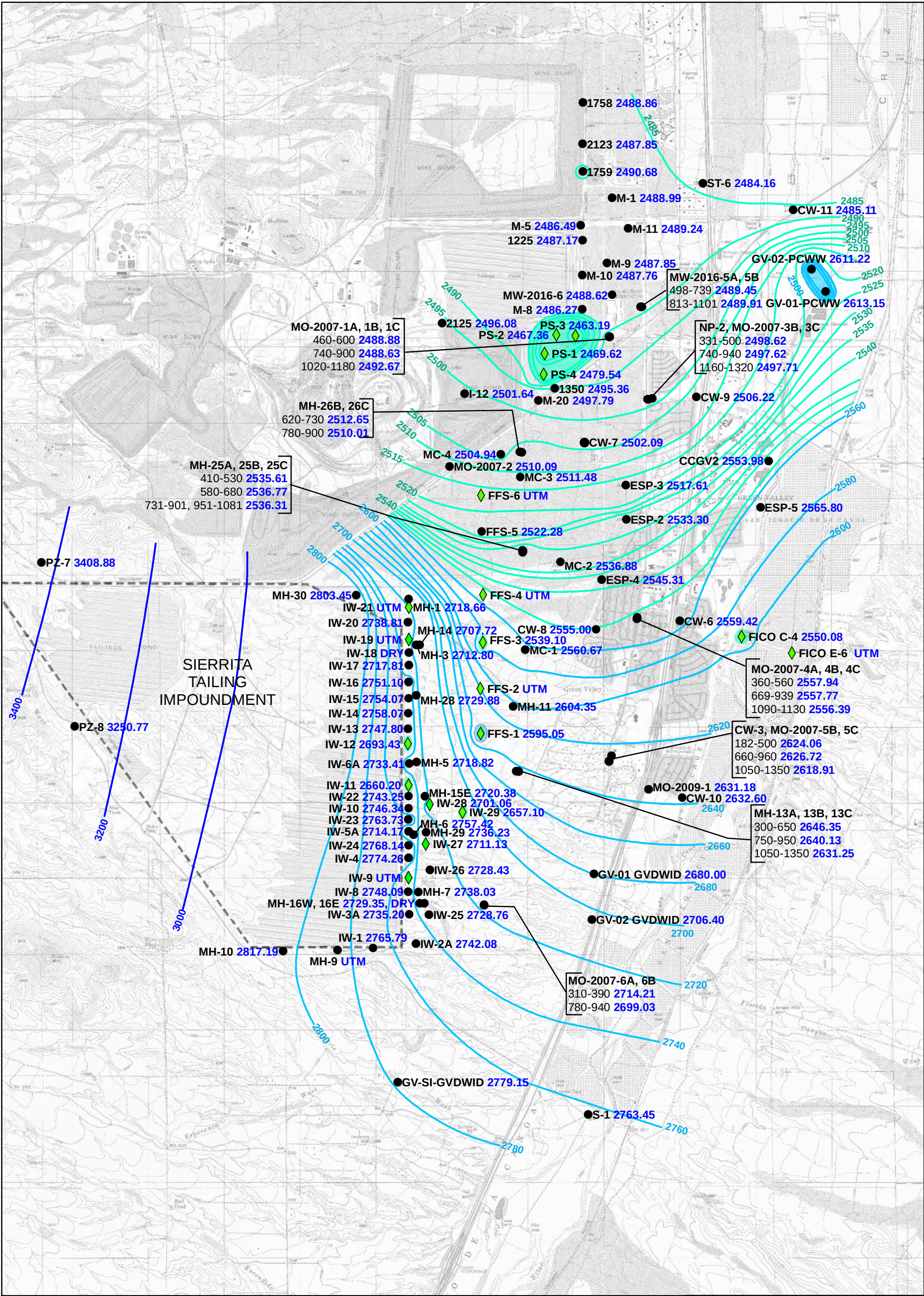
0 2,500 5,000  
 Feet



File ID  
 055039-274  
 Date  
 9/19/19

**FIGURE 3**  
 Sulfate Concentrations  
 in Groundwater  
 Third Quarter 2019





Legend

- Groundwater Depression
- 5 ft Groundwater Elevation Contour (ft amsl)
- 20 ft Groundwater Elevation Contour (ft amsl)
- 200 ft Groundwater Elevation Contour (ft amsl)

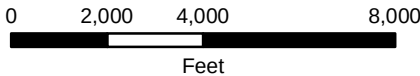
**CW-3** Well ID  
**2624.06** Groundwater Elevation (ft amsl)  
**UTM** Unable to Measure; designation includes physical limitations, not desaturation  
Co-Located Wells  
Screened Interval (ft bls): **Groundwater Elevation (ft amsl)**

Well Symbols

- Wells with Static Water Levels
- Wells with Dynamic Water Levels

Notes

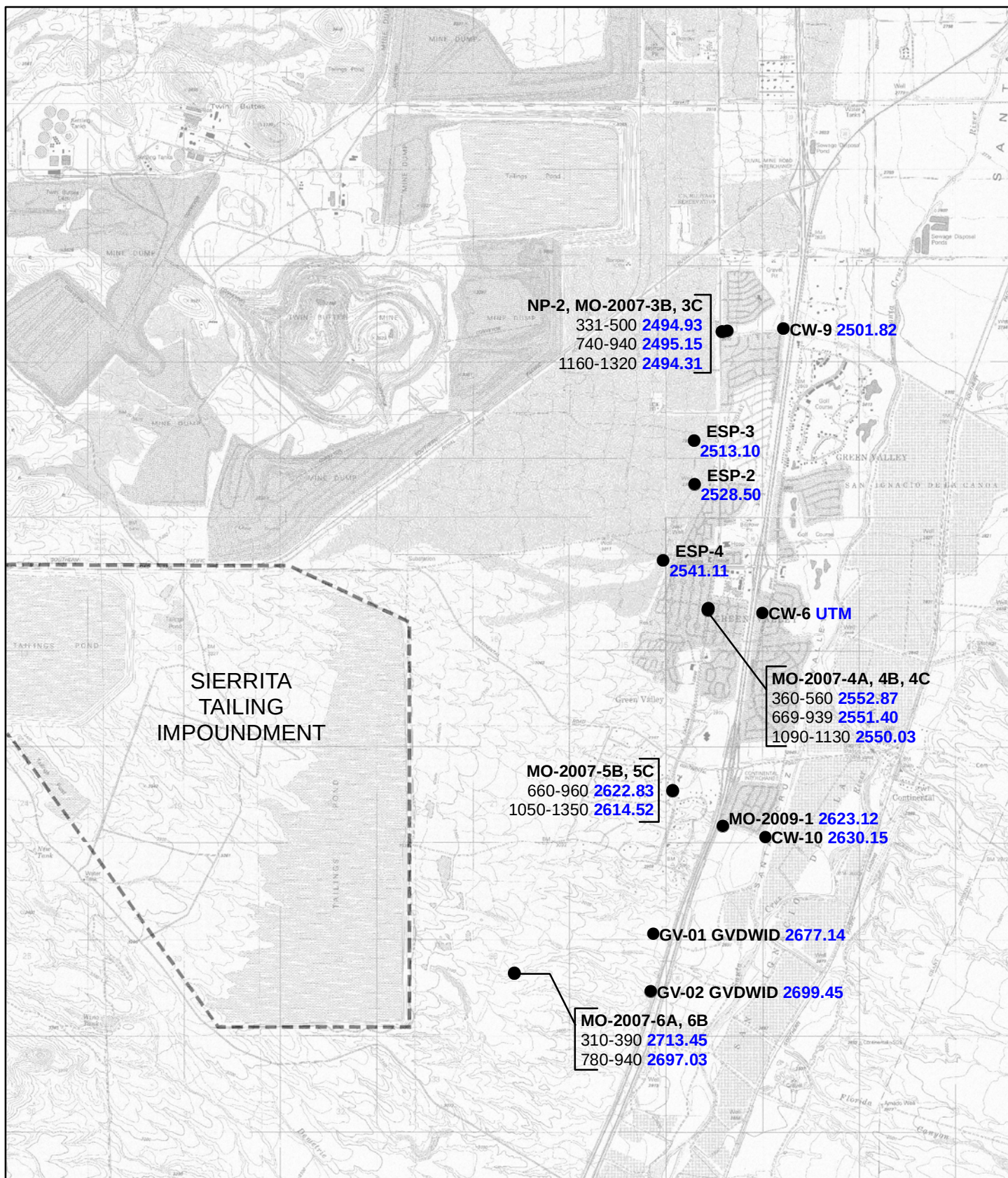
Projection: UTM Zone 12N NAD83  
ft amsl = feet above mean sea level  
ft bls = feet below land surface



File ID  
055039-272  
Date  
8/23/19

FIGURE 4  
Groundwater Elevations,  
Second Quarter 2019





## Legend

**CW-9** Well ID  
**2501.82** Groundwater Elevation (ft amsl)

**Co-Located Wells**  
 Screened Interval (feet below land surface):  
**Groundwater Elevation (ft amsl)**

**UTM** Unable to Measure; designation includes physical limitations, not desaturation

## Notes

Projection: UTM Zone 12N NAD83  
 ft amsl = feet above mean sea level

## Well Symbols

● Wells with Static Water Levels

0 2,500 5,000  
 Feet



**CLEAR CREEK ASSOCIATES**

File ID  
 055039-273  
 Date  
 8/27/19

**FIGURE 5**  
 Groundwater Elevations  
 Third Quarter 2019

**APPENDIX A**

**DATA VERIFICATION REPORT**

**APPENDIX A**  
**DATA VERIFICATION REPORT**

Prepared for:

**FREEPORT-MCMORAN SIERRITA INC.**  
6200 West Duval Mine Road  
Green Valley, Arizona 85614

Prepared by:

**CLEAR CREEK ASSOCIATES, L.L.C.**  
221 North Court Avenue, Suite 101  
Tucson, Arizona 85701

October 7, 2019

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## 1. INTRODUCTION

This report summarizes the data verification review of groundwater samples collected and analyzed during the second and third quarters 2019 by Freeport-McMoRan Sierrita Inc. (Sierrita) pursuant to the Mitigation Order on Consent Docket No. P-50-06. Sierrita may collect groundwater samples and water levels under other programs; however those data are not reported or reviewed in this data verification report. Analytical results for groundwater samples collected during this reporting period were provided to Sierrita by ACZ Laboratories, Inc. (ACZ) or Turner Laboratories (Turner). Sierrita provided the water quality data to Clear Creek Associates for preparation of the Semiannual Groundwater Monitoring Report.

Laboratory QA/QC data are evaluated according to the data quality indicators (DQIs) given in the Quality Assurance Project Plan (QAPP) (HGC, 2006). Appendix B of the main text of this report contains laboratory reports for samples collected by Sierrita, including Chain of Custody (COC) forms, laboratory correspondence, QC summaries, data qualifiers, and any case narratives. The analytical results for all samples collected are contained in reports with the ACZ project numbers in the following table.

The results of the internal QA/QC tests performed by ACZ are presented with the laboratory reports included in Appendix B. Based on the results of surrogate spike recoveries, matrix spike recovery, and matrix spike duplicate tests, ACZ did not advise any modifications to be made regarding the usability and data validation status of the laboratory test results.

| ACZ Project ID                                                                                                                                                                                                                                                                                        | Wells Reported                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Second Quarter 2019<br>Number of wells sampled: 70<br>Number of well samples collected (including duplicates and multiple samples from one well): 79<br>Number of duplicate samples collected: 9<br>Number of blanks collected: 12<br>Number of reanalyzed samples: 2<br>Total number of analyses: 93 |                                                                                                                                                                                                                                                                                  |
| <a href="#">L50963</a>                                                                                                                                                                                                                                                                                | MH-28, MH-29                                                                                                                                                                                                                                                                     |
| <a href="#">L51148</a>                                                                                                                                                                                                                                                                                | MO-2007-1C, MO-2007-1B, MO-2007-1A, MO-2007-3C, MO-2007-3B, MO-2007-6B, MO-2007-6A, MO-2007-5C, MO-2007-5B, MO-2009-1, MO-2007-4C, MO-2007-4B, MO-2007-4A, DUP20190408A, DUP20190409A, EQB20190408A, FB20190408A,                                                                |
| <a href="#">L51258</a>                                                                                                                                                                                                                                                                                | MW-2016-6, MW-2016-05B, MW-2016-05A, M-9, M-20, M-10, M-8, PZ-7, PS-4, PS-2, PS-1, PS-3, PZ-8, MH-10, MH-30, MH-11, MH-13C, MH-13B, MC-2, MH-25C, MH-25B, MH-26C, MH-26B, DUP20190416A, DUP20190418A, DUP20190418B, EQB20190416A, EQB20190418A, FB20190416A, FB20190418A         |
| <a href="#">L51386</a>                                                                                                                                                                                                                                                                                | FFS-1, FFS-2, MC-1, FFS-3, FFS-4, FFS-5, MC-3, IW-12, IW-11, IW-10, IW-28, IW-29, IW-26, IW-9, IW-3A, IW-25, IW-2A, IW-1, CW-10, MO-2007-2, HAVENGOLF, IW-27, GV-1, GV-2, SIWELL, DUP20190422A, DUP20190424A, DUP20190425A, EQB20190424A, EQB20190425A, FB20190424A, FB20190425A |
| <a href="#">L51665</a>                                                                                                                                                                                                                                                                                | CW-3, NP-2, CCGV                                                                                                                                                                                                                                                                 |
| <a href="#">L52016</a>                                                                                                                                                                                                                                                                                | MC-4                                                                                                                                                                                                                                                                             |
| <a href="#">L52447</a>                                                                                                                                                                                                                                                                                | ESP-4, ESP-2, ESP-3, DUP20190612A, EQB20190612A, FB20190612A                                                                                                                                                                                                                     |
| Third Quarter 2019<br>Number of wells sampled: 17<br>Number of well samples collected (including duplicates and multiple samples from one well): 26<br>Number of duplicate samples collected: 3<br>Number of blanks collected: 2<br>Number of reanalyzed samples: 0<br>Total number of analyses: 28   |                                                                                                                                                                                                                                                                                  |
| <a href="#">19G0546</a>                                                                                                                                                                                                                                                                               | MO-2007-3C, MO-2007-3B, MO-2007-4C, MO-2007-4B, MO-2007-4A, DUP20190718A                                                                                                                                                                                                         |
| <a href="#">19G0755</a>                                                                                                                                                                                                                                                                               | GV-1, GV-2, MO-2007-6B, MO-2007-6A, MO-2009-1                                                                                                                                                                                                                                    |
| <a href="#">19H0444</a>                                                                                                                                                                                                                                                                               | NP-2, CW-9, DUP20190814A                                                                                                                                                                                                                                                         |
| <a href="#">19I0121</a>                                                                                                                                                                                                                                                                               | MO-2009-1                                                                                                                                                                                                                                                                        |
| <a href="#">19I0195</a>                                                                                                                                                                                                                                                                               | MO-2007-6B, MO-2007-6A                                                                                                                                                                                                                                                           |
| <a href="#">19I0366</a>                                                                                                                                                                                                                                                                               | MO-2007-4C, MO-2007-4B, MO-2007-4A, MO-2007-5C, MO-2007-5B, ESP-4, ESP-2, ESP-3, DUP20190909A, EQB20190909A, FB20190909A                                                                                                                                                         |

## 2. SAMPLE HANDLING

This report does not review field sampling procedures for Sierrita. Sierrita collected samples following the methods in the *Quality Assurance/Quality Control (QA/QC) Plan for Water Monitoring, Phelps Dodge Sierrita, Inc.* (PDSI, 2005) in Appendix E of the Work Plan (Hydro Geo Chem, Inc. [HGC], 2006). Sample handling was reviewed based on sample integrity and preservation reported in the analytical reports. The reports indicate that sample bottles for second and third quarters 2019 samples were received intact and in good condition. The samples were received by the laboratory within the established holding time for dissolved sulfate analysis in accordance with United States Environmental Protection Agency (EPA) Method 300.0 and American Society for Testing and Materials International (ASTM International) Method D516-02/-07.

Samples were received at or below the proper holding temperature of 6 degrees Celsius except for 13 samples on report 19G0546, one sample on report 19I0121, 11 samples on report 19I0366, and one sample on report L52016. The 19G0546, 19I0366, and 19I0121 reports indicate that there was ice present in the coolers containing the samples and the laboratory did not flag the results. The sulfate concentration results for the samples were compared to historic data and found to be within normal ranges for each sample. Therefore the samples are included in this report with no qualifications. As a corrective action, Clear Creek will review the holding temperature requirements with Sierrita staff.

### 3. LABORATORY QUALITY CONTROL

As specified in the QAPP, laboratory QC was maintained for all analyses through proper licensure, the use of approved analytical methods, QC measurements, appropriate turnaround time for analysis (timeliness), method detection limits (MDLs), and practical quantitation limits (PQLs). Each of these controls is discussed in the following subsections.

The review of laboratory QC included a review to identify any qualified data and an assessment of their significance. Additionally, the laboratory QC summaries were reviewed to verify that results met QA criteria.

#### 3.1 Licensure

ACZ is licensed with the Arizona Department of Health Services (license number AZ0102) and is accredited in accordance with the National Environmental Laboratory Accreditation Conference. Turner Laboratories is also licensed with the Arizona Department of Health Services (license number AZ0066).

#### 3.2 Analytical Methods

The following methods were used for sulfate analysis during this monitoring period:

- EPA 300.0 (Ion-Chromatography)
- ASTM D516-02/-07 (Turbidimetric)

#### 3.3 Method Detection Limits (MDLs) and Practical Quantification Limits (PQLs)

The MDLs and PQLs of the analytical methods used by ACZ and Turner are shown in the following table.

| Lab    | Method          | MDL<br>(mg/L) | RL/PQL<br>(mg/L) | Target MDL <sup>1</sup><br>(mg/L) |
|--------|-----------------|---------------|------------------|-----------------------------------|
| ACZ    | EPA 300.0       | 0.4-20        | 2-100            | 10                                |
| ACZ    | ASTM D516-02/07 | 75            | 375              | 10                                |
| Turner | EPA 300.0       | 0.26-30       | 5-100            | 10                                |

*mg/L = milligrams per liter*

<sup>1</sup> Target MDL from Table E.2 of QAPP

The MDL is the minimum amount of an analyte that can be consistently measured and reported with a high degree of confidence that the analyte concentration is above a background response (QAPP Section 4.3). The PQL is the amount of a constituent that can be consistently quantified with acceptable precision and accuracy. The PQL for an undiluted sample reported by ACZ using method ASTM D516-02/-07 is 2 mg/L. The PQL for an undiluted sample reported by ACZ using method EPA 300.0 is 5 mg/L. The PQL for an undiluted sample reported by Turner is 5 mg/L. Samples with higher range concentrations of sulfate required dilution, which increases the PQL. In all cases of a PQL greater than 10 mg/L sulfate, the laboratory analysis yielded a detected quantity. Thus, the detection sensitivity of the analyses is adequate to be consistent with the Target MDL.

### **3.4 Timeliness**

The sample holding time is based on the analytical method utilized and was calculated beginning from the time of sample collection in the field. All samples were analyzed within the twenty-eight day holding time specified by each of the methods used.

### **3.5 Quality Control Measurements**

The following laboratory QC samples were prepared and analyzed:

- Calibration blanks and calibration verification standards
- Analytical spikes and analytical spike duplicates
- Laboratory control samples
- Laboratory duplicate samples

#### **3.5.1 Calibration Blanks and Calibration Verification Standards**

Initial calibration blanks were run with each group of samples submitted for sulfate analysis. Initial calibration blanks were prepared from analyte-free water and analyzed. Analytical results of the initial calibration blanks showed that the target analyte was not detected at the indicated MDL.

Initial calibration verification standards were analyzed prior to each group of samples. Analytical results for the initial calibration verification standards showed percent recoveries that were within the acceptance criteria specified by the laboratories and the QAPP.

### 3.5.2 Analytical Spikes and Analytical Spike Duplicates

Analytical spike and spike duplicate samples were analyzed for 10 percent of the samples analyzed. The spike samples were prepared by adding a sulfate spike to one randomly chosen sample out of every ten samples analyzed. Spike recoveries for most analyses were between 90 and 110 percent. Instances in which analytical spike recoveries were high, low or unusable are qualified with an “M1”, “M2”, or “M3” flag, respectively. The “M1” flag was used in the L51148 and 19I0366 reports and the M2 flag was used in the 19G0546 report. In both cases, a laboratory control sample recovery was checked to ensure that it was acceptable. The laboratory control sample was prepared by adding a sulfate spike to de-ionized water.

### 3.5.3 Laboratory Control Samples

Laboratory control samples (also reported as laboratory fortified blanks) were run for each group of samples submitted for sulfate analysis per the analytical method. Recoveries for all laboratory control samples were within the acceptance criteria specified by ACZ.

### 3.5.4 Laboratory Duplicate Samples

Analyses of laboratory duplicate samples were reviewed as part of this data verification report. Field duplicate samples are discussed in Section 4.1. The relative percent difference (RPD) for all laboratory duplicate samples were within 20 percent, which is the tolerance range set by the laboratories. The RPD was not used for data validation if the sample concentration was less than ten times the method detection limit. In cases where the RPD was used for data validation based on laboratory standard operating procedure, the results met QA criteria and demonstrated appropriate levels of precision for laboratory analysis of these samples.

### 3.5.5 Sample Re-Analysis

Two samples were submitted for re-analysis in the second quarter 2019 and no samples were submitted for re-analysis in the third quarter 2019. The re-analyses of IW-10 and IW-12 were conducted because the initial analytical results were lower than the historical concentration

ranges for these extraction wells. The re-analyses were conducted on the original existing sample aliquots using the same sample preparation and method for analysis.

| ACZ Project No.        | Well ID | Original Result (mg/L) | Re-Analysis (mg/L) | RPD (%) |
|------------------------|---------|------------------------|--------------------|---------|
| <a href="#">L51386</a> | IW-10   | 1240                   | 1280               | 3.17%   |
| <a href="#">L51386</a> | IW-12   | 1190                   | 1270               | 6.50%   |

*mg/L = milligrams per liter*

*RPD = Relative percent difference*

The re-analysis results confirmed the original results so the original results are reported in the main text of the report.

## 4. DATA QUALITY INDICATORS

The QAPP provides DQIs for assessing the overall quality of the data. The DQIs include the following:

- Precision
- Bias
- Accuracy
- Representativeness
- Comparability
- Completeness
- Sensitivity

Each DQI is discussed below in relation to groundwater sampling and analysis conducted by Sierrita.

### 4.1 Precision

As discussed in Sections 3.5.2 and 3.5.4, there were no exceedances of RPD QA criteria based on laboratory standard operating procedures for any laboratory duplicates. During this monitoring period, 11 field duplicate samples were collected by Sierrita for filtered sulfate analysis. Nine field duplicates were collected in the second quarter 2019 (DUP20190408A, DUP20190409A, DUP20190416A, DUP20190418A, DUP20190418B, DUP20190422A, DUP20190424A, DUP20190425A, DUP20190612A) and three field duplicate samples were collected in the third quarter 2019 (DUP20190718A, DUP20190814A, and DUP20190909A). The collection of nine duplicate samples in the second quarter 2019 and three duplicate samples in the third quarter 2019 exceeds the QAPP objective of one duplicate sample for every 20 groundwater samples collected.

Results of the field duplicate samples are provided in the table below. The range of RPD values was 0.00 to 16.14 percent, all within the 20 percent acceptance criteria for field duplicates as stated in Section 3.3.1 of the QAPP. Overall, the DQI for precision is met.



| ACZ Project No.         | Well ID      | Duplicate ID | Sample (mg/l) | Duplicate (mg/l) | RPD    |
|-------------------------|--------------|--------------|---------------|------------------|--------|
| <a href="#">L51148</a>  | MO-2007-1A   | DUP20190408A | 19.2          | 18.9             | 1.57%  |
| <a href="#">L51148</a>  | MO-2007-6A   | DUP20190409A | 14.8          | 15.4             | 3.97%  |
| <a href="#">L51258</a>  | PS-4         | DUP20190416A | 1390          | 1450             | 4.23%  |
| <a href="#">L51258</a>  | MC-2         | DUP20190418A | 989           | 1060             | 6.93%  |
| <a href="#">L51258</a>  | MH-26B       | DUP20190418B | 1330          | 1370             | 2.96%  |
| <a href="#">L51386</a>  | IW-29        | DUP20190422A | 1540          | 1310             | 16.14% |
| <a href="#">L51386</a>  | MO-2007-2    | DUP20190424A | 460           | 459              | 0.22%  |
| <a href="#">L51386</a>  | GV-SI-GVDWID | DUP20190425A | 6.06          | 6.12             | 0.99%  |
| <a href="#">L52447</a>  | ESP-3        | DUP20190612A | 38.4          | 38.4             | 0.00%  |
| <a href="#">19G0546</a> | MO-2007-4A   | DUP20190718A | 35.5          | 35.8             | 0.84%  |
| <a href="#">19H0444</a> | CW-9         | DUP20190814A | 50.4          | 50.1             | 0.60%  |
| <a href="#">19I036</a>  | MO-2007-4A   | DUP20190909A | 35.9          | 35.9             | 0.00%  |

*mg/L = milligrams per liter*  
*RPD = Relative Percent Difference*

## 4.2 Bias

Bias is a systematic distortion of measurements causing consistent errors in one direction. Bias was managed in this dataset through consistent application of standardized sample collection and analysis procedures. Field and equipment blanks samples can indicate systemic bias if the field blanks have consistent errors in the results. Field and equipment blanks are discussed in Section 4.4.

## 4.3 Accuracy

Accuracy is a measure of the agreement of a measurement to a known value and is determined using the recoveries from laboratory control samples. As discussed in Sections 3.5.1, 3.5.2, and 3.5.3 respectively, there were no significant exceedances of the recovery QA criteria for any of the calibration standards, analytical spikes, or laboratory control standards. Based on this information, the overall accuracy of the data is sufficient for the purpose of aquifer characterization.

#### 4.4 Representativeness

Well samples and water levels were taken from locations specified in the updated Sampling Schedule for Post-Implementation Groundwater Monitoring in the 2018 Mitigation Performance Review (Clear Creek Associates, 2019). Therefore, the samples provide a good representation of groundwater quality at the locations. The analytical data are representative of groundwater conditions because the analyses were conducted using standard procedures and methods that met QA/QC guidelines of the QAPP. Field and equipment blank samples were collected to evaluate whether errors in sample collection and handling that introduce a contaminant into groundwater samples. Sulfate introduced to a sample during its collection and handling would produce sample results that are not representative of actual groundwater conditions.

Field blank samples were collected in accordance with procedures described in Section 4.2.1.5 of the QAPP. Equipment blank samples were collected pursuant to the PDSI QA/QC Plan (2005) by pouring deionized water through field sampling equipment and subsequently handling the blank the same as other groundwater samples. Field and equipment blank samples were collected and submitted along with other samples to evaluate the potential for contaminant introduction under field conditions.

During the second quarter 2019, six field blanks (FB20190408A, FB20190416A, FB20190418A, FB20190424A, FB20190425A, and FB20190612A) and six field equipment blanks (EQB20190408A, EQB20190416A, EQB20190418A, EQB20190424A, EQB20190425A, and EQB20190612A) were collected. The collection of six field blanks in second quarter 2019 exceeds the QAPP objective of one blank for every 20 groundwater samples collected.

During the third quarter 2019, one field blank (FB20190909A) and one equipment blank (EQB20190909A) were collected. The collection of one field blank in third quarter 2019 does not meet the QAPP objective of one blank for every 20 groundwater samples collected. As a corrective action, Clear Creek will review the field blank collection requirements with Sierrita staff.

None of the blank samples collected in second quarter 2019 had sulfate concentrations above the PQL. The results demonstrate that the sulfate concentrations reported in second quarter 2019 were not affected by sample collection and sample handling procedures and are representative of actual conditions.

## **4.5 Comparability**

All samples were collected using standardized procedures (PDSI, 2005) and were analyzed by ACZ using standardized methods. Insofar as standardized sample collection and analytical methods are adhered to, the sample results should be comparable.

## **4.6 Completeness**

All samples collected by Sierrita were subsequently analyzed and reported by ACZ. All samples analyzed by ACZ satisfy the QA/QC criteria for this project and are usable for aquifer characterization. Thus, the completeness of analytical results is 100 percent.

## **4.7 Sensitivity**

The analytical methods used to analyze the samples meet the MDL requirements specified in Table E.2 of the QAPP. Therefore, the analytical sensitivity is considered acceptable for use in aquifer characterization.

## 5. REFERENCES

- Clear Creek Associates. 2019. Mitigation Performance Review for 2018, Mitigation Order on Consent Docket No, P-50-06. April 19, 2019.
- Hydro Geo Chem, Inc. (HGC). 2006. Work Plan to Characterize and Mitigate Sulfate with Respect to Drinking Water Supplies in the Vicinity of the Phelps Dodge Sierrita Tailing Impoundment, Pima County, Arizona. August 11, 2006, revised October 31, 2006.
- Phelps Dodge Sierrita, Inc. (PDSI). 2005. Quality Assurance/Quality Control Plan for Water Monitoring, Phelps Dodge Sierrita, Inc. June 2005.

**APPENDIX B**  
**ANALYTICAL DATA REPORTS**

April 17, 2019

## Report to:

Jeff Joy

FMI Gold &amp; Copper - Sierrita

6200 W. Duval Mine Road

Green Valley, AZ 85614

CC: Ben Daigneau

## Bill to:

Accounts Payable

FMI Gold &amp; Copper - Sierrita

P.O. Box 2671

Phoenix, AZ 85002-2671

Project ID: ZS0000079 - SULFATE ONLY

ACZ Project ID: L50963

Jeff Joy:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on April 05, 2019. This project has been assigned to ACZ's project number, L50963. Please reference this number in all future inquiries.

At the request of Phelps Dodge Sierrita, Inc. (PDSI), this laboratory report has been prepared to contain only information specific to samples and analytes identified by PDSI as evaluated pursuant to Mitigation Order No. P-500-06 with Arizona Department of Environmental Quality. Samples and analytes unrelated to the Mitigation Order, but which may be identified on the chain of custody and sample receipt, have been reported to PDSI in a separate report.

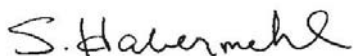
All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L50963. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after May 17, 2019. If the samples are determined to be hazardous, additional charges apply for disposal (typically \$11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.



Scott Habermehl has reviewed  
and approved this report.



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MH-28

ACZ Sample ID: **L50963-01**

Date Sampled: 04/02/19 11:10

Date Received: 04/05/19

Sample Matrix: Groundwater

## Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | D516-02/-07 - Turbidimetric | 75       | 1870   |      |    | mg/L  | 75  | 375 | 04/09/19 12:30 | rbt     |

**Arizona license number: AZ0102**

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MH-29

ACZ Sample ID: **L50963-02**

Date Sampled: 04/02/19 11:53

Date Received: 04/05/19

Sample Matrix: Groundwater

## Wet Chemistry

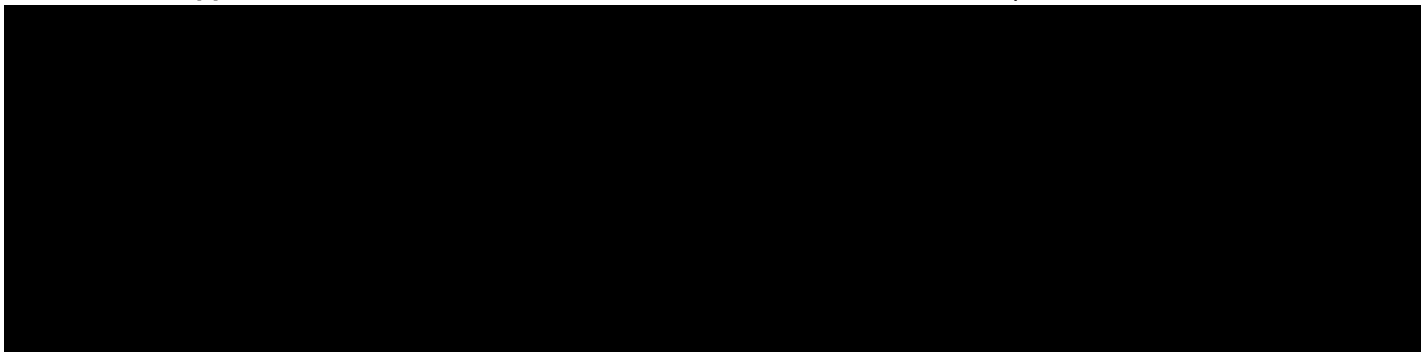
| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | D516-02/-07 - Turbidimetric | 75       | 1820   |      |    | mg/L  | 75  | 375 | 04/09/19 12:31 | rbt     |

**Arizona license number: AZ0102**



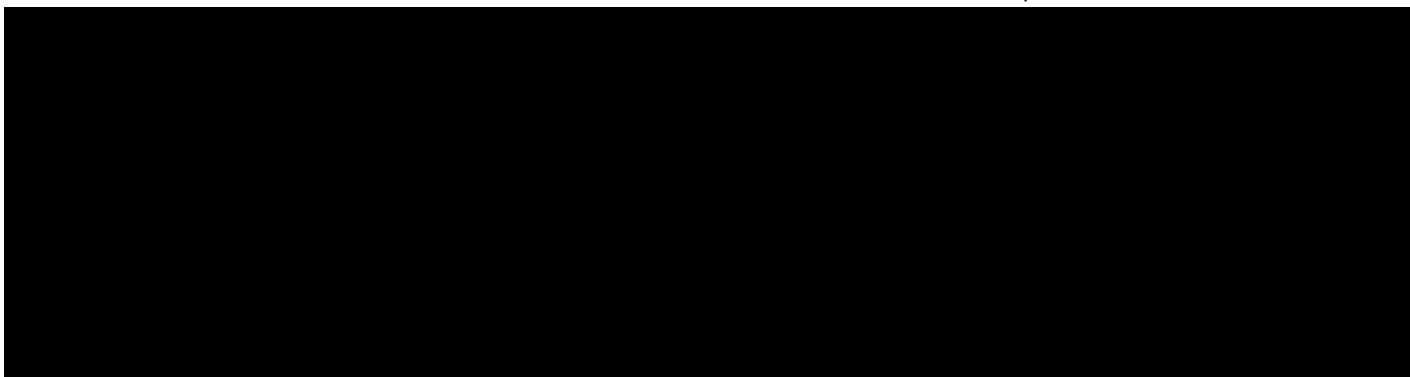
**FMI Gold & Copper - Sierrita**

ACZ Sample ID: **L50963-03**



**FMI Gold & Copper - Sierrita**

ACZ Sample ID: **L50963-04**

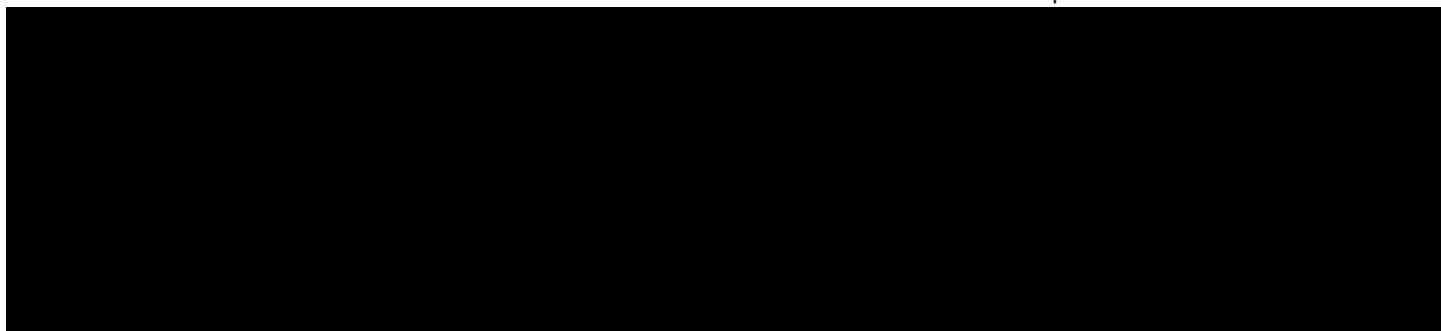


**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

ACZ Sample ID: **L50963-05**

Date Sampled: 04/04/19 10:08




**Report Header Explanations**

|                |                                                                                                                                                                |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Batch</i>   | A distinct set of samples analyzed at a specific time                                                                                                          |
| <i>Found</i>   | Value of the QC Type of interest                                                                                                                               |
| <i>Limit</i>   | Upper limit for RPD, in %.                                                                                                                                     |
| <i>Lower</i>   | Lower Recovery Limit, in % (except for LCSS, mg/Kg)                                                                                                            |
| <i>MDL</i>     | Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5).<br>Allows for instrument and annual fluctuations. |
| <i>PCN/SCN</i> | A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis                                                                 |
| <i>PQL</i>     | Practical Quantitation Limit. Synonymous with the EPA term "minimum level".                                                                                    |
| <i>QC</i>      | True Value of the Control Sample or the amount added to the Spike                                                                                              |
| <i>Rec</i>     | Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)                                                                               |
| <i>RPD</i>     | Relative Percent Difference, calculation used for Duplicate QC Types                                                                                           |
| <i>Upper</i>   | Upper Recovery Limit, in % (except for LCSS, mg/Kg)                                                                                                            |
| <i>Sample</i>  | Value of the Sample of interest                                                                                                                                |

**QC Sample Types**

|              |                                                        |              |                                              |
|--------------|--------------------------------------------------------|--------------|----------------------------------------------|
| <i>AS</i>    | Analytical Spike (Post Digestion)                      | <i>LCSWD</i> | Laboratory Control Sample - Water Duplicate  |
| <i>ASD</i>   | Analytical Spike (Post Digestion) Duplicate            | <i>LFB</i>   | Laboratory Fortified Blank                   |
| <i>CCB</i>   | Continuing Calibration Blank                           | <i>LFM</i>   | Laboratory Fortified Matrix                  |
| <i>CCV</i>   | Continuing Calibration Verification standard           | <i>LFMD</i>  | Laboratory Fortified Matrix Duplicate        |
| <i>DUP</i>   | Sample Duplicate                                       | <i>LRB</i>   | Laboratory Reagent Blank                     |
| <i>ICB</i>   | Initial Calibration Blank                              | <i>MS</i>    | Matrix Spike                                 |
| <i>ICV</i>   | Initial Calibration Verification standard              | <i>MSD</i>   | Matrix Spike Duplicate                       |
| <i>ICSAB</i> | Inter-element Correction Standard - A plus B solutions | <i>PBS</i>   | Prep Blank - Soil                            |
| <i>LCSS</i>  | Laboratory Control Sample - Soil                       | <i>PBW</i>   | Prep Blank - Water                           |
| <i>LCSSD</i> | Laboratory Control Sample - Soil Duplicate             | <i>PQV</i>   | Practical Quantitation Verification standard |
| <i>LCSW</i>  | Laboratory Control Sample - Water                      | <i>SDL</i>   | Serial Dilution                              |

**QC Sample Type Explanations**

|                         |                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------|
| Blanks                  | Verifies that there is no or minimal contamination in the prep method or calibration procedure. |
| Control Samples         | Verifies the accuracy of the method, including the prep procedure.                              |
| Duplicates              | Verifies the precision of the instrument and/or method.                                         |
| Spikes/Fortified Matrix | Determines sample matrix interferences, if any.                                                 |
| Standard                | Verifies the validity of the calibration.                                                       |

**ACZ Qualifiers (Qual)**

|          |                                                                                                                                                                                             |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>B</i> | Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.                                                                               |
| <i>H</i> | Analysis exceeded method hold time. pH is a field test with an immediate hold time.                                                                                                         |
| <i>L</i> | Target analyte response was below the laboratory defined negative threshold.                                                                                                                |
| <i>U</i> | The material was analyzed for, but was not detected above the level of the associated value.<br>The associated value is either the sample quantitation limit or the sample detection limit. |

**Method References**

|     |                                                                                                                |
|-----|----------------------------------------------------------------------------------------------------------------|
| (1) | EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.                               |
| (2) | EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993. |
| (3) | EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.   |
| (4) | EPA SW-846. Test Methods for Evaluating Solid Waste.                                                           |
| (5) | Standard Methods for the Examination of Water and Wastewater.                                                  |

**Comments**

|     |                                                                                                                                    |
|-----|------------------------------------------------------------------------------------------------------------------------------------|
| (1) | QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.                 |
| (2) | Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.                                        |
| (3) | Animal matrices for Inorganic analyses are reported on an "as received" basis.                                                     |
| (4) | An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result. |
| (5) | If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.                                            |

For a complete list of ACZ's Extended Qualifiers, please click:

<https://aczk.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf>

### FMI Gold & Copper - Sierrita

ACZ Project ID: **L50963**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

#### Alkalinity as CaCO3

SM2320B - Titration

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC       | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469857</b> |      |                |            |          |        |       |       |      |       |       |     |       |      |
| WG469857PBW1    | PBW  | 04/09/19 15:12 |            |          |        | 4.1   | mg/L  |      | -20   | 20    |     |       |      |
| WG469857LCSW3   | LCSW | 04/09/19 15:30 | WC190408-1 | 820.0001 |        | 812   | mg/L  | 99   | 90    | 110   |     |       |      |
| WG469857LCSW6   | LCSW | 04/09/19 18:09 | WC190408-1 | 820.0001 |        | 805   | mg/L  | 98   | 90    | 110   |     |       |      |
| WG469857PBW2    | PBW  | 04/09/19 18:16 |            |          |        | 2.5   | mg/L  |      | -20   | 20    |     |       |      |
| WG469857LCSW9   | LCSW | 04/09/19 21:44 | WC190408-1 | 820.0001 |        | 813   | mg/L  | 99   | 90    | 110   |     |       |      |
| WG469857PBW3    | PBW  | 04/09/19 21:51 |            |          |        | U     | mg/L  |      | -20   | 20    |     |       |      |
| L50964-04DUP    | DUP  | 04/09/19 23:52 |            |          | 816    | 813   | mg/L  |      |       |       | 0   | 20    |      |
| WG469857LCSW12  | LCSW | 04/10/19 2:22  | WC190408-1 | 820.0001 |        | 805   | mg/L  | 98   | 90    | 110   |     |       |      |
| WG469857PBW4    | PBW  | 04/10/19 2:29  |            |          |        | 3.7   | mg/L  |      | -20   | 20    |     |       |      |
| WG469857LCSW15  | LCSW | 04/10/19 5:58  | WC190408-1 | 820.0001 |        | 801   | mg/L  | 98   | 90    | 110   |     |       |      |

#### Aluminum, dissolved

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469758</b> |      |                |            |        |        |       |       |      |       |       |     |       |      |
| WG469758ICV     | ICV  | 04/08/19 16:31 | II190211-1 | 2      |        | 2.021 | mg/L  | 101  | 95    | 105   |     |       |      |
| WG469758ICB     | ICB  | 04/08/19 16:37 |            |        |        | U     | mg/L  |      | -0.09 | 0.09  |     |       |      |
| WG469758LFB     | LFB  | 04/08/19 16:49 | II190401-2 | 1.0006 |        | 1.075 | mg/L  | 107  | 85    | 115   |     |       |      |
| L50989-02AS     | AS   | 04/08/19 18:11 | II190401-2 | 1.0006 | U      | 1.1   | mg/L  | 110  | 85    | 115   |     |       |      |
| L50989-02ASD    | ASD  | 04/08/19 18:14 | II190401-2 | 1.0006 | U      | 1.086 | mg/L  | 109  | 85    | 115   | 1   | 20    |      |

#### Antimony, dissolved

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC  | Sample | Found  | Units | Rec% | Lower    | Upper   | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|--------|-------|------|----------|---------|-----|-------|------|
| <b>WG469888</b> |      |                |            |     |        |        |       |      |          |         |     |       |      |
| WG469888ICV     | ICV  | 04/09/19 19:40 | MS190225-2 | .02 |        | .02003 | mg/L  | 100  | 90       | 110     |     |       |      |
| WG469888ICB     | ICB  | 04/09/19 19:42 |            |     |        | U      | mg/L  |      | -0.00088 | 0.00088 |     |       |      |
| WG469888LFB     | LFB  | 04/09/19 19:44 | MS190408-3 | .01 |        | .01008 | mg/L  | 101  | 85       | 115     |     |       |      |
| L50963-02AS     | AS   | 04/09/19 19:49 | MS190408-3 | .01 | U      | .0091  | mg/L  | 91   | 70       | 130     |     |       |      |
| L50963-02ASD    | ASD  | 04/09/19 19:51 | MS190408-3 | .01 | U      | .00891 | mg/L  | 89   | 70       | 130     | 2   | 20    |      |

#### Arsenic, dissolved

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec% | Lower    | Upper   | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|------|----------|---------|-----|-------|------|
| <b>WG469888</b> |      |                |            |        |        |        |       |      |          |         |     |       |      |
| WG469888ICV     | ICV  | 04/09/19 19:40 | MS190225-2 | .05    |        | .05034 | mg/L  | 101  | 90       | 110     |     |       |      |
| WG469888ICB     | ICB  | 04/09/19 19:42 |            |        |        | U      | mg/L  |      | -0.00044 | 0.00044 |     |       |      |
| WG469888LFB     | LFB  | 04/09/19 19:44 | MS190408-3 | .05005 |        | .04629 | mg/L  | 92   | 85       | 115     |     |       |      |
| L50963-02AS     | AS   | 04/09/19 19:49 | MS190408-3 | .05005 | .0007  | .05166 | mg/L  | 102  | 70       | 130     |     |       |      |
| L50963-02ASD    | ASD  | 04/09/19 19:51 | MS190408-3 | .05005 | .0007  | .05187 | mg/L  | 102  | 70       | 130     | 0   | 20    |      |

#### Barium, dissolved

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found  | Units | Rec% | Lower  | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|--------|-------|------|--------|-------|-----|-------|------|
| <b>WG469758</b> |      |                |            |       |        |        |       |      |        |       |     |       |      |
| WG469758ICV     | ICV  | 04/08/19 16:31 | II190211-1 | 2     |        | 2.0598 | mg/L  | 103  | 95     | 105   |     |       |      |
| WG469758ICB     | ICB  | 04/08/19 16:37 |            |       |        | .003   | mg/L  |      | -0.009 | 0.009 |     |       |      |
| WG469758LFB     | LFB  | 04/08/19 16:49 | II190401-2 | .4995 |        | .5186  | mg/L  | 104  | 85     | 115   |     |       |      |
| L50989-02AS     | AS   | 04/08/19 18:11 | II190401-2 | .4995 | U      | .5161  | mg/L  | 103  | 85     | 115   |     |       |      |
| L50989-02ASD    | ASD  | 04/08/19 18:14 | II190401-2 | .4995 | U      | .5148  | mg/L  | 103  | 85     | 115   | 0   | 20    |      |

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L50963**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

**Beryllium, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found   | Units | Rec% | Lower     | Upper    | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|---------|-------|------|-----------|----------|-----|-------|------|
| <b>WG469888</b> |      |                |            |        |        |         |       |      |           |          |     |       |      |
| WG469888ICV     | ICV  | 04/09/19 19:40 | MS190225-2 | .05    |        | .049917 | mg/L  | 100  | 90        | 110      |     |       |      |
| WG469888ICB     | ICB  | 04/09/19 19:42 |            |        |        | .000102 | mg/L  |      | -0.000176 | 0.000176 |     |       |      |
| WG469888LFB     | LFB  | 04/09/19 19:44 | MS190408-3 | .05005 |        | .045487 | mg/L  | 91   | 85        | 115      |     |       | E6   |
| L50963-02AS     | AS   | 04/09/19 19:49 | MS190408-3 | .05005 | U      | .050276 | mg/L  | 100  | 70        | 130      |     |       | E6   |
| L50963-02ASD    | ASD  | 04/09/19 19:51 | MS190408-3 | .05005 | U      | .051583 | mg/L  | 103  | 70        | 130      | 3   | 20    | E6   |

**Cadmium, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found   | Units | Rec% | Lower    | Upper   | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|---------|-------|------|----------|---------|-----|-------|------|
| <b>WG469888</b> |      |                |            |        |        |         |       |      |          |         |     |       |      |
| WG469888ICV     | ICV  | 04/09/19 19:40 | MS190225-2 | .05    |        | .050644 | mg/L  | 101  | 90       | 110     |     |       |      |
| WG469888ICB     | ICB  | 04/09/19 19:42 |            |        |        | U       | mg/L  |      | -0.00011 | 0.00011 |     |       |      |
| WG469888LFB     | LFB  | 04/09/19 19:44 | MS190408-3 | .05005 |        | .045489 | mg/L  | 91   | 85       | 115     |     |       |      |
| L50963-02AS     | AS   | 04/09/19 19:49 | MS190408-3 | .05005 | .00005 | .04601  | mg/L  | 92   | 70       | 130     |     |       |      |
| L50963-02ASD    | ASD  | 04/09/19 19:51 | MS190408-3 | .05005 | .00005 | .047236 | mg/L  | 94   | 70       | 130     | 3   | 20    |      |

**Calcium, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC       | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469758</b> |      |                |            |          |        |       |       |      |       |       |     |       |      |
| WG469758ICV     | ICV  | 04/08/19 16:31 | II190211-1 | 100      |        | 96.96 | mg/L  | 97   | 95    | 105   |     |       |      |
| WG469758ICB     | ICB  | 04/08/19 16:37 |            |          |        | U     | mg/L  |      | -0.3  | 0.3   |     |       |      |
| WG469758LFB     | LFB  | 04/08/19 16:49 | II190401-2 | 68.01315 |        | 67.42 | mg/L  | 99   | 85    | 115   |     |       |      |
| L50989-02AS     | AS   | 04/08/19 18:11 | II190401-2 | 68.01315 | .2     | 68.42 | mg/L  | 100  | 85    | 115   |     |       |      |
| L50989-02ASD    | ASD  | 04/08/19 18:14 | II190401-2 | 68.01315 | .2     | 67.97 | mg/L  | 100  | 85    | 115   | 1   | 20    |      |

**Chloride**

SM4500Cl-E

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469746</b> |      |                |            |       |        |       |       |      |       |       |     |       |      |
| WG469746ICB     | ICB  | 04/08/19 10:47 |            |       |        | U     | mg/L  |      | -1.5  | 1.5   |     |       |      |
| WG469746ICV     | ICV  | 04/08/19 10:47 | WI180530-1 | 54.89 |        | 54.36 | mg/L  | 99   | 90    | 110   |     |       |      |
| WG469746LFB1    | LFB  | 04/08/19 12:44 | WI190111-6 | 30.03 |        | 31.51 | mg/L  | 105  | 90    | 110   |     |       |      |
| WG469746LFB2    | LFB  | 04/08/19 12:57 | WI190111-6 | 30.03 |        | 31.38 | mg/L  | 104  | 90    | 110   |     |       |      |
| L50963-02AS     | AS   | 04/08/19 13:19 | 10XCL      | 30    | 153    | 178.6 | mg/L  | 85   | 90    | 110   |     |       | M3   |
| L50963-03DUP    | DUP  | 04/08/19 13:20 |            |       | 143    | 144.2 | mg/L  |      |       |       | 1   | 20    |      |
| <b>WG469748</b> |      |                |            |       |        |       |       |      |       |       |     |       |      |
| WG469748ICB     | ICB  | 04/08/19 10:47 |            |       |        | U     | mg/L  |      | -1.5  | 1.5   |     |       |      |
| WG469748ICV     | ICV  | 04/08/19 10:47 | WI180530-1 | 54.89 |        | 54.36 | mg/L  | 99   | 90    | 110   |     |       |      |
| WG469748LFB1    | LFB  | 04/08/19 13:47 | WI190111-6 | 30.03 |        | 31.94 | mg/L  | 106  | 90    | 110   |     |       |      |
| L50910-03DUP    | DUP  | 04/08/19 14:02 |            |       | 17.5   | 17.8  | mg/L  |      |       |       | 2   | 20    |      |
| WG469748LFB2    | LFB  | 04/08/19 14:03 | WI190111-6 | 30.03 |        | 32.83 | mg/L  | 109  | 90    | 110   |     |       |      |
| L50963-04AS     | AS   | 04/08/19 14:11 | 10XCL      | 30    | 165    | 196.3 | mg/L  | 104  | 90    | 110   |     |       |      |

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L50963**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

**Chromium, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469758</b> |      |                |            |       |        |       |       |      |       |       |     |       |      |
| WG469758ICV     | ICV  | 04/08/19 16:31 | II190211-1 | 2     |        | 1.976 | mg/L  | 99   | 95    | 105   |     |       |      |
| WG469758ICB     | ICB  | 04/08/19 16:37 |            |       |        | U     | mg/L  |      | -0.03 | 0.03  |     |       |      |
| WG469758LFB     | LFB  | 04/08/19 16:49 | II190401-2 | .5025 |        | .516  | mg/L  | 103  | 85    | 115   |     |       |      |
| L50989-02AS     | AS   | 04/08/19 18:11 | II190401-2 | .5025 | U      | .521  | mg/L  | 104  | 85    | 115   |     |       |      |
| L50989-02ASD    | ASD  | 04/08/19 18:14 | II190401-2 | .5025 | U      | .518  | mg/L  | 103  | 85    | 115   | 1   | 20    |      |

**Cobalt, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469758</b> |      |                |            |       |        |       |       |      |       |       |     |       |      |
| WG469758ICV     | ICV  | 04/08/19 16:31 | II190211-1 | 2.002 |        | 2.049 | mg/L  | 102  | 95    | 105   |     |       |      |
| WG469758ICB     | ICB  | 04/08/19 16:37 |            |       |        | U     | mg/L  |      | -0.03 | 0.03  |     |       |      |
| WG469758LFB     | LFB  | 04/08/19 16:49 | II190401-2 | .501  |        | .513  | mg/L  | 102  | 85    | 115   |     |       |      |
| L50989-02AS     | AS   | 04/08/19 18:11 | II190401-2 | .501  | U      | .515  | mg/L  | 103  | 85    | 115   |     |       |      |
| L50989-02ASD    | ASD  | 04/08/19 18:14 | II190401-2 | .501  | U      | .499  | mg/L  | 100  | 85    | 115   | 3   | 20    |      |

**Conductivity @25C**

SM2510B

| ACZ ID          | Type | Analyzed       | PCN/SCN  | QC   | Sample | Found | Units    | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|----------|------|--------|-------|----------|------|-------|-------|-----|-------|------|
| <b>WG469857</b> |      |                |          |      |        |       |          |      |       |       |     |       |      |
| WG469857LCSW2   | LCSW | 04/09/19 15:17 | PCN57899 | 1410 |        | 1450  | umhos/cm | 103  | 90    | 110   |     |       |      |
| WG469857LCSW5   | LCSW | 04/09/19 17:57 | PCN57899 | 1410 |        | 1430  | umhos/cm | 101  | 90    | 110   |     |       |      |
| WG469857LCSW8   | LCSW | 04/09/19 21:32 | PCN57899 | 1410 |        | 1420  | umhos/cm | 101  | 90    | 110   |     |       |      |
| L50964-04DUP    | DUP  | 04/09/19 23:52 |          |      | 1980   | 1980  | umhos/cm |      |       |       | 0   | 20    |      |
| WG469857LCSW11  | LCSW | 04/10/19 2:10  | PCN57899 | 1410 |        | 1410  | umhos/cm | 100  | 90    | 110   |     |       |      |
| WG469857LCSW14  | LCSW | 04/10/19 5:46  | PCN57899 | 1410 |        | 1400  | umhos/cm | 99   | 90    | 110   |     |       |      |

**Copper, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469758</b> |      |                |            |       |        |       |       |      |       |       |     |       |      |
| WG469758ICV     | ICV  | 04/08/19 16:31 | II190211-1 | 2     |        | 2.078 | mg/L  | 104  | 95    | 105   |     |       |      |
| WG469758ICB     | ICB  | 04/08/19 16:37 |            |       |        | U     | mg/L  |      | -0.03 | 0.03  |     |       |      |
| WG469758LFB     | LFB  | 04/08/19 16:49 | II190401-2 | .4995 |        | .536  | mg/L  | 107  | 85    | 115   |     |       |      |
| L50989-02AS     | AS   | 04/08/19 18:11 | II190401-2 | .4995 | U      | .54   | mg/L  | 108  | 85    | 115   |     |       |      |
| L50989-02ASD    | ASD  | 04/08/19 18:14 | II190401-2 | .4995 | U      | .536  | mg/L  | 107  | 85    | 115   | 1   | 20    |      |

**Cyanide, total**

M335.4 - Colorimetric w/ distillation

| ACZ ID          | Type | Analyzed       | PCN/SCN     | QC | Sample | Found | Units | Rec% | Lower  | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|-------------|----|--------|-------|-------|------|--------|-------|-----|-------|------|
| <b>WG470150</b> |      |                |             |    |        |       |       |      |        |       |     |       |      |
| WG470150ICV     | ICV  | 04/12/19 14:50 | WI190401-17 | .3 |        | .2885 | mg/L  | 96   | 90     | 110   |     |       |      |
| WG470150ICB     | ICB  | 04/12/19 14:51 |             |    |        | U     | mg/L  |      | -0.003 | 0.003 |     |       |      |
| <b>WG470156</b> |      |                |             |    |        |       |       |      |        |       |     |       |      |
| WG469924LRB     | LRB  | 04/12/19 15:34 |             |    |        | U     | mg/L  |      | -0.003 | 0.003 |     |       |      |
| WG469924LFB     | LFB  | 04/12/19 15:35 | WI190401-12 | .2 |        | .1985 | mg/L  | 99   | 90     | 110   |     |       |      |
| L50927-03DUP    | DUP  | 04/12/19 15:37 |             |    | U      | U     | mg/L  |      |        |       | 0   | 20    | RA   |
| L50927-04LFM    | LFM  | 04/12/19 15:38 | WI190401-12 | .2 | U      | .1826 | mg/L  | 91   | 90     | 110   |     |       |      |
| L50963-03DUP    | DUP  | 04/12/19 15:49 |             |    | .003   | U     | mg/L  |      |        |       | 200 | 20    | RA   |
| L50963-04LFM    | LFM  | 04/12/19 15:51 | WI190401-12 | .2 | .021   | .1997 | mg/L  | 89   | 90     | 110   |     |       | M2   |

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L50963**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

**Fluoride**

SM4500F-C

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC   | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG470008</b> |      |                |            |      |        |       |       |      |       |       |     |       |      |
| WG470008ICV     | ICV  | 04/10/19 16:06 | WC190404-1 | 2.01 |        | 1.835 | mg/L  | 91   | 90    | 110   |     |       |      |
| WG470008ICB     | ICB  | 04/10/19 16:12 |            |      |        | U     | mg/L  |      | -0.15 | 0.15  |     |       |      |
| WG470008LFB1    | LFB  | 04/10/19 16:19 | WC190409-6 | 5.01 |        | 4.726 | mg/L  | 94   | 90    | 110   |     |       |      |
| L50962-02AS     | AS   | 04/10/19 17:30 | WC190409-6 | 5.01 | 1.81   | 6.388 | mg/L  | 91   | 90    | 110   |     |       |      |
| L50962-02ASD    | ASD  | 04/10/19 17:33 | WC190409-6 | 5.01 | 1.81   | 6.3   | mg/L  | 90   | 90    | 110   | 1   | 20    |      |
| WG470008LFB2    | LFB  | 04/10/19 18:24 | WC190409-6 | 5.01 |        | 4.884 | mg/L  | 97   | 90    | 110   |     |       |      |

**Iron, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469758</b> |      |                |            |        |        |       |       |      |       |       |     |       |      |
| WG469758ICV     | ICV  | 04/08/19 16:31 | II190211-1 | 2      |        | 2.002 | mg/L  | 100  | 95    | 105   |     |       |      |
| WG469758ICB     | ICB  | 04/08/19 16:37 |            |        |        | U     | mg/L  |      | -0.06 | 0.06  |     |       |      |
| WG469758LFB     | LFB  | 04/08/19 16:49 | II190401-2 | 1.0018 |        | 1.06  | mg/L  | 106  | 85    | 115   |     |       |      |
| L50989-02AS     | AS   | 04/08/19 18:11 | II190401-2 | 1.0018 | U      | 1.052 | mg/L  | 105  | 85    | 115   |     |       |      |
| L50989-02ASD    | ASD  | 04/08/19 18:14 | II190401-2 | 1.0018 | U      | 1.06  | mg/L  | 106  | 85    | 115   | 1   | 20    |      |

**Lead, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec% | Lower    | Upper   | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|------|----------|---------|-----|-------|------|
| <b>WG469888</b> |      |                |            |        |        |        |       |      |          |         |     |       |      |
| WG469888ICV     | ICV  | 04/09/19 19:40 | MS190225-2 | .05    |        | .05182 | mg/L  | 104  | 90       | 110     |     |       |      |
| WG469888ICB     | ICB  | 04/09/19 19:42 |            |        |        | U      | mg/L  |      | -0.00022 | 0.00022 |     |       |      |
| WG469888LFB     | LFB  | 04/09/19 19:44 | MS190408-3 | .05005 |        | .04647 | mg/L  | 93   | 85       | 115     |     |       |      |
| L50963-02AS     | AS   | 04/09/19 19:49 | MS190408-3 | .05005 | .0005  | .0509  | mg/L  | 101  | 70       | 130     |     |       |      |
| L50963-02ASD    | ASD  | 04/09/19 19:51 | MS190408-3 | .05005 | .0005  | .05157 | mg/L  | 102  | 70       | 130     | 1   | 20    |      |

**Magnesium, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC       | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469758</b> |      |                |            |          |        |       |       |      |       |       |     |       |      |
| WG469758ICV     | ICV  | 04/08/19 16:31 | II190211-1 | 100      |        | 97.8  | mg/L  | 98   | 95    | 105   |     |       |      |
| WG469758ICB     | ICB  | 04/08/19 16:37 |            |          |        | U     | mg/L  |      | -0.6  | 0.6   |     |       |      |
| WG469758LFB     | LFB  | 04/08/19 16:49 | II190401-2 | 50.00434 |        | 49.44 | mg/L  | 99   | 85    | 115   |     |       |      |
| L50989-02AS     | AS   | 04/08/19 18:11 | II190401-2 | 50.00434 | U      | 50.28 | mg/L  | 101  | 85    | 115   |     |       |      |
| L50989-02ASD    | ASD  | 04/08/19 18:14 | II190401-2 | 50.00434 | U      | 49.92 | mg/L  | 100  | 85    | 115   | 1   | 20    |      |

**Manganese, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec% | Lower  | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|------|--------|-------|-----|-------|------|
| <b>WG469758</b> |      |                |            |       |        |       |       |      |        |       |     |       |      |
| WG469758ICV     | ICV  | 04/08/19 16:31 | II190211-1 | 2     |        | 1.992 | mg/L  | 100  | 95     | 105   |     |       |      |
| WG469758ICB     | ICB  | 04/08/19 16:37 |            |       |        | U     | mg/L  |      | -0.015 | 0.015 |     |       |      |
| WG469758LFB     | LFB  | 04/08/19 16:49 | II190401-2 | .4995 |        | .5252 | mg/L  | 105  | 85     | 115   |     |       |      |
| L50989-02AS     | AS   | 04/08/19 18:11 | II190401-2 | .4995 | U      | .5272 | mg/L  | 106  | 85     | 115   |     |       |      |
| L50989-02ASD    | ASD  | 04/08/19 18:14 | II190401-2 | .4995 | U      | .5231 | mg/L  | 105  | 85     | 115   | 1   | 20    |      |



**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L50963**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

**Mercury, dissolved**

M245.1 CVAA

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC      | Sample | Found  | Units | Rec% | Lower    | Upper   | RPD | Limit | Qual |
|-----------------|------|----------------|------------|---------|--------|--------|-------|------|----------|---------|-----|-------|------|
| <b>WG469926</b> |      |                |            |         |        |        |       |      |          |         |     |       |      |
| WG469926ICV     | ICV  | 04/11/19 13:06 | HG190404-3 | .004995 |        | .00481 | mg/L  | 96   | 95       | 105     |     |       |      |
| WG469926ICB     | ICB  | 04/11/19 13:07 |            |         |        | U      | mg/L  |      | -0.0002  | 0.0002  |     |       |      |
| <b>WG469919</b> |      |                |            |         |        |        |       |      |          |         |     |       |      |
| WG469919LRB     | LRB  | 04/11/19 15:43 |            |         |        | U      | mg/L  |      | -0.00044 | 0.00044 |     |       |      |
| WG469919LFB     | LFB  | 04/11/19 15:44 | HG190408-8 | .002002 |        | .0018  | mg/L  | 90   | 85       | 115     |     |       |      |
| L50962-05LFB    | LFB  | 04/11/19 16:05 | HG190408-8 | .002002 | U      | .00164 | mg/L  | 82   | 85       | 115     |     |       | M2   |
| L50962-05LFMD   | LFMD | 04/11/19 16:06 | HG190408-8 | .002002 | U      | .00163 | mg/L  | 81   | 85       | 115     | 1   | 20    | M2   |

**Molybdenum, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469758</b> |      |                |            |       |        |       |       |      |       |       |     |       |      |
| WG469758ICV     | ICV  | 04/08/19 16:31 | II190211-1 | 2     |        | 2.109 | mg/L  | 105  | 95    | 105   |     |       |      |
| WG469758ICB     | ICB  | 04/08/19 16:37 |            |       |        | U     | mg/L  |      | -0.06 | 0.06  |     |       |      |
| WG469758LFB     | LFB  | 04/08/19 16:49 | II190401-2 | .4975 |        | .52   | mg/L  | 105  | 85    | 115   |     |       |      |
| L50989-02AS     | AS   | 04/08/19 18:11 | II190401-2 | .4975 | U      | .53   | mg/L  | 107  | 85    | 115   |     |       |      |
| L50989-02ASD    | ASD  | 04/08/19 18:14 | II190401-2 | .4975 | U      | .525  | mg/L  | 106  | 85    | 115   | 1   | 20    |      |

**Nickel, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found  | Units | Rec% | Lower    | Upper   | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|--------|-------|------|----------|---------|-----|-------|------|
| <b>WG469888</b> |      |                |            |       |        |        |       |      |          |         |     |       |      |
| WG469888ICV     | ICV  | 04/09/19 19:40 | MS190225-2 | .05   |        | .05091 | mg/L  | 102  | 90       | 110     |     |       |      |
| WG469888ICB     | ICB  | 04/09/19 19:42 |            |       |        | U      | mg/L  |      | -0.00088 | 0.00088 |     |       |      |
| WG469888LFB     | LFB  | 04/09/19 19:44 | MS190408-3 | .0501 |        | .04587 | mg/L  | 92   | 85       | 115     |     |       |      |
| L50963-02AS     | AS   | 04/09/19 19:49 | MS190408-3 | .0501 | U      | .04581 | mg/L  | 91   | 70       | 130     |     |       |      |
| L50963-02ASD    | ASD  | 04/09/19 19:51 | MS190408-3 | .0501 | U      | .04761 | mg/L  | 95   | 70       | 130     | 4   | 20    |      |

**Nitrate/Nitrite as N**

M353.2 - H2SO4 preserved

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG470363</b> |      |                |            |       |        |       |       |      |       |       |     |       |      |
| WG470363ICV     | ICV  | 04/16/19 23:11 | WI190207-3 | 2.416 |        | 2.352 | mg/L  | 97   | 90    | 110   |     |       |      |
| WG470363ICB     | ICB  | 04/16/19 23:12 |            |       |        | U     | mg/L  |      | -0.02 | 0.02  |     |       |      |
| <b>WG470365</b> |      |                |            |       |        |       |       |      |       |       |     |       |      |
| WG470365LFB1    | LFB  | 04/17/19 1:14  | WI190405-9 | 2     |        | 1.979 | mg/L  | 99   | 90    | 110   |     |       |      |
| WG470365LFB2    | LFB  | 04/17/19 2:15  | WI190405-9 | 2     |        | 1.982 | mg/L  | 99   | 90    | 110   |     |       |      |
| L50963-01AS     | AS   | 04/17/19 2:17  | WI190405-9 | 2     | U      | 2.097 | mg/L  | 105  | 90    | 110   |     |       |      |
| L50963-02DUP    | DUP  | 04/17/19 2:24  |            |       | .16    | .158  | mg/L  |      |       |       | 1   | 20    | RA   |

**pH (lab)**

SM4500H+ B

| ACZ ID          | Type | Analyzed       | PCN/SCN  | QC | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|----------|----|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469857</b> |      |                |          |    |        |       |       |      |       |       |     |       |      |
| WG469857LCSW1   | LCSW | 04/09/19 15:15 | PCN56769 | 6  |        | 6     | units | 100  | 5.9   | 6.1   |     |       |      |
| WG469857LCSW4   | LCSW | 04/09/19 17:55 | PCN56769 | 6  |        | 6     | units | 100  | 5.9   | 6.1   |     |       |      |
| WG469857LCSW7   | LCSW | 04/09/19 21:30 | PCN56769 | 6  |        | 6     | units | 100  | 5.9   | 6.1   |     |       |      |
| L50964-04DUP    | DUP  | 04/09/19 23:52 |          |    | 9.5    | 9.5   | units |      |       |       | 0   | 20    |      |
| WG469857LCSW10  | LCSW | 04/10/19 2:08  | PCN56769 | 6  |        | 6     | units | 100  | 5.9   | 6.1   |     |       |      |
| WG469857LCSW13  | LCSW | 04/10/19 5:44  | PCN56769 | 6  |        | 6     | units | 100  | 5.9   | 6.1   |     |       |      |

### FMI Gold & Copper - Sierrita

ACZ Project ID: **L50963**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

#### Potassium, dissolved

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC       | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469860</b> |      |                |            |          |        |       |       |      |       |       |     |       |      |
| WG469860ICV     | ICV  | 04/09/19 18:12 | II190211-1 | 20       |        | 20.28 | mg/L  | 101  | 95    | 105   |     |       |      |
| WG469860ICB     | ICB  | 04/09/19 18:19 |            |          |        | U     | mg/L  |      | -0.6  | 0.6   |     |       |      |
| WG469860LFB     | LFB  | 04/09/19 18:32 | II190401-2 | 101.8741 |        | 95.64 | mg/L  | 94   | 85    | 115   |     |       |      |
| L50989-02AS     | AS   | 04/09/19 19:57 | II190401-2 | 101.8741 | U      | 98.09 | mg/L  | 96   | 85    | 115   |     |       |      |
| L50989-02ASD    | ASD  | 04/09/19 20:00 | II190401-2 | 101.8741 | U      | 96.35 | mg/L  | 95   | 85    | 115   | 2   | 20    |      |

#### Residue, Filterable (TDS) @180C

SM2540C

| ACZ ID          | Type | Analyzed       | PCN/SCN  | QC  | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|----------|-----|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469663</b> |      |                |          |     |        |       |       |      |       |       |     |       |      |
| WG469663PBW     | PBW  | 04/05/19 14:56 |          |     |        | 14    | mg/L  |      | -20   | 20    |     |       |      |
| WG469663LCSW    | LCSW | 04/05/19 14:57 | PCN58059 | 260 |        | 266   | mg/L  | 102  | 80    | 120   |     |       |      |
| L50963-01DUP    | DUP  | 04/05/19 15:30 |          |     | 3210   | 3220  | mg/L  |      |       |       | 0   | 10    |      |
| <b>WG469739</b> |      |                |          |     |        |       |       |      |       |       |     |       |      |
| WG469739PBW     | PBW  | 04/08/19 12:30 |          |     |        | 22    | mg/L  |      | -20   | 20    |     |       | B7   |
| WG469739LCSW    | LCSW | 04/08/19 12:32 | PCN58059 | 260 |        | 280   | mg/L  | 108  | 80    | 120   |     |       |      |
| L50985-03DUP    | DUP  | 04/08/19 13:01 |          |     | 2350   | 2360  | mg/L  |      |       |       | 0   | 10    |      |
| <b>WG469780</b> |      |                |          |     |        |       |       |      |       |       |     |       |      |
| WG469780PBW     | PBW  | 04/08/19 20:00 |          |     |        | 16    | mg/L  |      | -20   | 20    |     |       |      |
| WG469780LCSW    | LCSW | 04/08/19 20:02 | PCN58061 | 260 |        | 272   | mg/L  | 105  | 80    | 120   |     |       |      |
| L50997-02DUP    | DUP  | 04/08/19 21:00 |          |     | 26     | 20    | mg/L  |      |       |       | 26  | 10    | RA   |

#### Selenium, dissolved

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec% | Lower    | Upper   | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|------|----------|---------|-----|-------|------|
| <b>WG469888</b> |      |                |            |        |        |        |       |      |          |         |     |       |      |
| WG469888ICV     | ICV  | 04/09/19 19:40 | MS190225-2 | .05    |        | .05099 | mg/L  | 102  | 90       | 110     |     |       |      |
| WG469888ICB     | ICB  | 04/09/19 19:42 |            |        |        | .00014 | mg/L  |      | -0.00022 | 0.00022 |     |       |      |
| WG469888LFB     | LFB  | 04/09/19 19:44 | MS190408-3 | .05005 |        | .04563 | mg/L  | 91   | 85       | 115     |     |       |      |
| L50963-02AS     | AS   | 04/09/19 19:49 | MS190408-3 | .05005 | .0003  | .05662 | mg/L  | 113  | 70       | 130     |     |       |      |
| L50963-02ASD    | ASD  | 04/09/19 19:51 | MS190408-3 | .05005 | .0003  | .05695 | mg/L  | 113  | 70       | 130     | 1   | 20    |      |

#### Sodium, dissolved

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC       | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469758</b> |      |                |            |          |        |       |       |      |       |       |     |       |      |
| WG469758ICV     | ICV  | 04/08/19 16:31 | II190211-1 | 100      |        | 97.68 | mg/L  | 98   | 95    | 105   |     |       |      |
| WG469758ICB     | ICB  | 04/08/19 16:37 |            |          |        | U     | mg/L  |      | -0.6  | 0.6   |     |       |      |
| WG469758LFB     | LFB  | 04/08/19 16:49 | II190401-2 | 98.14307 |        | 96.34 | mg/L  | 98   | 85    | 115   |     |       |      |
| L50989-02AS     | AS   | 04/08/19 18:11 | II190401-2 | 98.14307 | .3     | 97.2  | mg/L  | 99   | 85    | 115   |     |       |      |
| L50989-02ASD    | ASD  | 04/08/19 18:14 | II190401-2 | 98.14307 | .3     | 97    | mg/L  | 99   | 85    | 115   | 0   | 20    |      |

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L50963**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

**Sulfate**

D516-02/-07 - Turbidimetric

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469833</b> |      |                |            |       |        |       |       |      |       |       |     |       |      |
| WG469833ICB     | ICB  | 04/09/19 7:27  |            |       |        | U     | mg/L  |      | -3    | 3     |     |       |      |
| WG469833ICV     | ICV  | 04/09/19 7:27  | WI190406-1 | 20    |        | 19.2  | mg/L  | 96   | 90    | 110   |     |       |      |
| WG469833LFB     | LFB  | 04/09/19 12:00 | WI181024-4 | 10.03 |        | 9.5   | mg/L  | 95   | 90    | 110   |     |       |      |
| L50953-03AS     | AS   | 04/09/19 12:00 | WI181024-4 | 10.03 | 5.8    | 16.3  | mg/L  | 105  | 90    | 110   |     |       |      |
| L50962-02DUP    | DUP  | 04/09/19 12:13 |            |       | 696    | 703   | mg/L  |      |       |       | 1   | 20    |      |

**Thallium, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found  | Units | Rec% | Lower    | Upper   | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|--------|-------|------|----------|---------|-----|-------|------|
| <b>WG469888</b> |      |                |            |       |        |        |       |      |          |         |     |       |      |
| WG469888ICV     | ICV  | 04/09/19 19:40 | MS190225-2 | .05   |        | .05493 | mg/L  | 110  | 90       | 110     |     |       |      |
| WG469888ICB     | ICB  | 04/09/19 19:42 |            |       |        | U      | mg/L  |      | -0.00022 | 0.00022 |     |       |      |
| WG469888LFB     | LFB  | 04/09/19 19:44 | MS190408-3 | .0501 |        | .04824 | mg/L  | 96   | 85       | 115     |     |       |      |
| L50963-02AS     | AS   | 04/09/19 19:49 | MS190408-3 | .0501 | U      | .05322 | mg/L  | 106  | 70       | 130     |     |       |      |
| L50963-02ASD    | ASD  | 04/09/19 19:51 | MS190408-3 | .0501 | U      | .05378 | mg/L  | 107  | 70       | 130     | 1   | 20    |      |

**Uranium, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC  | Sample | Found  | Units | Rec% | Lower    | Upper   | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|--------|-------|------|----------|---------|-----|-------|------|
| <b>WG469888</b> |      |                |            |     |        |        |       |      |          |         |     |       |      |
| WG469888ICV     | ICV  | 04/09/19 19:40 | MS190225-2 | .05 |        | .05208 | mg/L  | 104  | 90       | 110     |     |       |      |
| WG469888ICB     | ICB  | 04/09/19 19:42 |            |     |        | U      | mg/L  |      | -0.00022 | 0.00022 |     |       |      |
| WG469888LFB     | LFB  | 04/09/19 19:44 | MS190408-3 | .05 |        | .0488  | mg/L  | 98   | 85       | 115     |     |       |      |
| L50963-02AS     | AS   | 04/09/19 19:49 | MS190408-3 | .05 | .0218  | .07559 | mg/L  | 108  | 70       | 130     |     |       |      |
| L50963-02ASD    | ASD  | 04/09/19 19:51 | MS190408-3 | .05 | .0218  | .07564 | mg/L  | 108  | 70       | 130     | 0   | 20    |      |

**Zinc, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469758</b> |      |                |            |        |        |       |       |      |       |       |     |       |      |
| WG469758ICV     | ICV  | 04/08/19 16:31 | II190211-1 | 2      |        | 2.01  | mg/L  | 101  | 95    | 105   |     |       |      |
| WG469758ICB     | ICB  | 04/08/19 16:37 |            |        |        | U     | mg/L  |      | -0.03 | 0.03  |     |       |      |
| WG469758LFB     | LFB  | 04/08/19 16:49 | II190401-2 | .50075 |        | .523  | mg/L  | 104  | 85    | 115   |     |       |      |
| L50989-02AS     | AS   | 04/08/19 18:11 | II190401-2 | .50075 | U      | .532  | mg/L  | 106  | 85    | 115   |     |       |      |
| L50989-02ASD    | ASD  | 04/08/19 18:14 | II190401-2 | .50075 | U      | .53   | mg/L  | 106  | 85    | 115   | 0   | 20    |      |

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L50963**

| ACZ ID           | WORKNUM  | PARAMETER                       | METHOD                                | QUAL | DESCRIPTION                                                                                                                                                                                           |
|------------------|----------|---------------------------------|---------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>L50963-01</b> | WG469888 | Beryllium, dissolved            | M200.8 ICP-MS                         | IA   | Internal standard recovery exceeded the acceptance limits. Concentration of associated target analyte(s) in the sample is < MDL.                                                                      |
|                  |          |                                 | M200.8 ICP-MS                         | VC   | CCV recovery was above the acceptance limits. Target analyte was not detected in the sample [< MDL].                                                                                                  |
|                  | WG469746 | Chloride                        | SM4500CI-E                            | M3   | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |
|                  | WG469924 | Cyanide, total                  | M335.4 - Manual Distillation          | Q10  | Sample received in inappropriate sample container.                                                                                                                                                    |
|                  | WG470156 |                                 | M335.4 - Colorimetric w/ distillation | RA   | Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).                                 |
|                  | WG469919 | Mercury, dissolved              | M245.1 CVAA                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                             |
|                  | WG470365 | Nitrate/Nitrite as N            | M353.2 - H2SO4 preserved              | RA   | Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).                                 |
| <b>L50963-02</b> | WG469888 | Beryllium, dissolved            | M200.8 ICP-MS                         | VC   | CCV recovery was above the acceptance limits. Target analyte was not detected in the sample [< MDL].                                                                                                  |
|                  | WG469746 | Chloride                        | SM4500CI-E                            | M3   | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |
|                  | WG469924 | Cyanide, total                  | M335.4 - Manual Distillation          | Q10  | Sample received in inappropriate sample container.                                                                                                                                                    |
|                  | WG470156 |                                 | M335.4 - Colorimetric w/ distillation | RA   | Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).                                 |
|                  | WG469919 | Mercury, dissolved              | M245.1 CVAA                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                             |
|                  | WG470365 | Nitrate/Nitrite as N            | M353.2 - H2SO4 preserved              | RA   | Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).                                 |
|                  | WG469739 | Residue, Filterable (TDS) @180C | SM2540C                               | B7   | Target analyte detected in prep / method blank at or above acceptance limit. Sample value is > 10X the concentration in the method blank.                                                             |
| <b>L50963-03</b> | WG469888 | Beryllium, dissolved            | M200.8 ICP-MS                         | IA   | Internal standard recovery exceeded the acceptance limits. Concentration of associated target analyte(s) in the sample is < MDL.                                                                      |
|                  |          |                                 | M200.8 ICP-MS                         | VC   | CCV recovery was above the acceptance limits. Target analyte was not detected in the sample [< MDL].                                                                                                  |
|                  | WG469746 | Chloride                        | SM4500CI-E                            | M3   | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |
|                  | WG469857 | Conductivity @25C               | SM2510B                               | ZW   | Method deviation. The sample was centrifuged prior to analysis due to high solid content.                                                                                                             |
|                  | WG470156 | Cyanide, total                  | M335.4 - Colorimetric w/ distillation | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                             |
|                  |          |                                 | M335.4 - Colorimetric w/ distillation | RA   | Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).                                 |
|                  | WG469919 | Mercury, dissolved              | M245.1 CVAA                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                             |
|                  | WG470365 | Nitrate/Nitrite as N            | M353.2 - H2SO4 preserved              | RA   | Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).                                 |
|                  | WG469857 | pH                              | SM4500H+ B                            | ZW   | Method deviation. The sample was centrifuged prior to analysis due to high solid content.                                                                                                             |
|                  | WG469739 | Residue, Filterable (TDS) @180C | SM2540C                               | B7   | Target analyte detected in prep / method blank at or above acceptance limit. Sample value is > 10X the concentration in the method blank.                                                             |
|                  | WG469857 | Total Alkalinity                | SM2320B - Titration                   | ZW   | Method deviation. The sample was centrifuged prior to analysis due to high solid content.                                                                                                             |

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L50963**

| ACZ ID           | WORKNUM  | PARAMETER                       | METHOD                                | QUAL | DESCRIPTION                                                                                                                                                           |
|------------------|----------|---------------------------------|---------------------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>L50963-04</b> | WG469888 | Beryllium, dissolved            | M200.8 ICP-MS                         | IA   | Internal standard recovery exceeded the acceptance limits. Concentration of associated target analyte(s) in the sample is < MDL.                                      |
|                  |          |                                 | M200.8 ICP-MS                         | VC   | CCV recovery was above the acceptance limits. Target analyte was not detected in the sample [< MDL].                                                                  |
|                  | WG469857 | Conductivity @25C               | SM2510B                               | ZW   | Method deviation. The sample was centrifuged prior to analysis due to high solid content.                                                                             |
|                  | WG470156 | Cyanide, total                  | M335.4 - Colorimetric w/ distillation | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                             |
|                  |          |                                 | M335.4 - Colorimetric w/ distillation | RA   | Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL). |
|                  | WG469919 | Mercury, dissolved              | M245.1 CVAA                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                             |
|                  | WG470365 | Nitrate/Nitrite as N            | M353.2 - H2SO4 preserved              | RA   | Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL). |
|                  | WG469857 | pH                              | SM4500H+ B                            | ZW   | Method deviation. The sample was centrifuged prior to analysis due to high solid content.                                                                             |
|                  | WG469739 | Residue, Filterable (TDS) @180C | SM2540C                               | B7   | Target analyte detected in prep / method blank at or above acceptance limit. Sample value is > 10X the concentration in the method blank.                             |
|                  | WG469857 | Total Alkalinity                | SM2320B - Titration                   | ZW   | Method deviation. The sample was centrifuged prior to analysis due to high solid content.                                                                             |
| <b>L50963-05</b> | WG469888 | Beryllium, dissolved            | M200.8 ICP-MS                         | IA   | Internal standard recovery exceeded the acceptance limits. Concentration of associated target analyte(s) in the sample is < MDL.                                      |
|                  |          |                                 | M200.8 ICP-MS                         | VC   | CCV recovery was above the acceptance limits. Target analyte was not detected in the sample [< MDL].                                                                  |
|                  | WG470156 | Cyanide, total                  | M335.4 - Colorimetric w/ distillation | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                             |
|                  |          |                                 | M335.4 - Colorimetric w/ distillation | RA   | Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL). |
|                  | WG469919 | Mercury, dissolved              | M245.1 CVAA                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                             |
|                  | WG470365 | Nitrate/Nitrite as N            | M353.2 - H2SO4 preserved              | RA   | Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL). |
|                  | WG469780 | Residue, Filterable (TDS) @180C | SM2540C                               | RA   | Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL). |

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L50963**

No certification qualifiers associated with this analysis

FMI Gold & Copper - Sierrita  
ZS0000079

ACZ Project ID: L50963  
Date Received: 04/05/2019 11:17  
Received By:  
Date Printed: 4/8/2019

### Receipt Verification

|                                                                                             | YES                                 | NO                                  | NA                                  |
|---------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1) Is a foreign soil permit included for applicable samples?                                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 2) Is the Chain of Custody form or other directive shipping papers present?                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 3) Does this project require special handling procedures such as CLP protocol?              | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 4) Are any samples NRC licensable material?                                                 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5) If samples are received past hold time, proceed with requested short hold time analyses? | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 6) Is the Chain of Custody form complete and accurate?                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

### Samples/Containers

|                                                                                         | YES                                 | NO                       | NA                                  |
|-----------------------------------------------------------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 8) Are all containers intact and with no leaks?                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 9) Are all labels on containers and are they intact and legible?                        | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 11) For preserved bottle types, was the pH checked and within limits? <sup>1</sup>      | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 12) Is there sufficient sample volume to perform all requested work?                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 13) Is the custody seal intact on all containers?                                       | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 14) Are samples that require zero headspace acceptable?                                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 15) Are all sample containers appropriate for analytical requirements?                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 16) Is there an Hg-1631 trip blank present?                                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17) Is there a VOA trip blank present?                                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 18) Were all samples received within hold time?                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

NA indicates Not Applicable

### Chain of Custody Related Remarks

### Client Contact Remarks

### Shipping Containers

| Cooler Id | Temp(°C) | Temp<br>Criteria(°C) | Rad(μR/Hr) | Custody Seal<br>Intact? |
|-----------|----------|----------------------|------------|-------------------------|
| 5051      | 0.5      | <=6.0                | 15         | Yes                     |

Was ice present in the shipment container(s)?

Yes - Wet ice was present in the shipment container(s).

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

FMI Gold & Copper - Sierrita  
ZS0000079

ACZ Project ID: L50963

Date Received: 04/05/2019 11:17

Received By:

Date Printed: 4/8/2019

<sup>1</sup> The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).



2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

**Report to:**

|                                    |                                                                                       |
|------------------------------------|---------------------------------------------------------------------------------------|
| Name: Jeff Joy                     | Address: 6200 W. Duval Mine Road<br>Green Valley, AZ 85614<br>Telephone: 520-393-2269 |
| Company: Freeport-McMoRan Sierrita |                                                                                       |
| E-mail: jjoy@fmi.com               |                                                                                       |

## Copy of Report to:

|                                |                                         |
|--------------------------------|-----------------------------------------|
| Name: Bill Hart & Billy Dorris | E-mail: whart@fmi.com & bdorris@fmi.com |
| Company:                       | Telephone: 520-393-2625                 |

**Invoice to:**

|          |  |            |
|----------|--|------------|
| Name:    |  | Address:   |
| Company: |  |            |
| E-mail:  |  | Telephone: |

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?

**YES**

**NO**

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO"

is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.

Are samples for CO DW Compliance Monitoring?

**YES**

If yes, please include state forms. Results will be reported to PQL.

NO

**X**

## PROJECT INFORMATION

ANALYSES REQUESTED (attach list or use quote number)

|                                                 |               |           |        |                 |         |                  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------|---------------|-----------|--------|-----------------|---------|------------------|--|--|--|--|--|--|--|--|--|
| Quote #:                                        |               |           |        | # of Containers | Ambient | Trip Blank 8260B |  |  |  |  |  |  |  |  |  |
| Project/PO #: ZS0000079                         |               |           |        |                 |         |                  |  |  |  |  |  |  |  |  |  |
| Reporting state for compliance testing:         |               |           |        |                 |         |                  |  |  |  |  |  |  |  |  |  |
| Sampler's Name: Jeff Joy                        |               |           |        |                 |         |                  |  |  |  |  |  |  |  |  |  |
| Are any samples NRC licensable material? Yes No |               |           |        |                 |         |                  |  |  |  |  |  |  |  |  |  |
| SAMPLE IDENTIFICATION                           |               | DATE:TIME | Matrix |                 |         |                  |  |  |  |  |  |  |  |  |  |
| MH-28                                           | 4/2/19 : 1110 | GW        | 8      | x               |         |                  |  |  |  |  |  |  |  |  |  |
| MH-29                                           | 4/2/19 : 1153 | GW        | 8      | x               |         |                  |  |  |  |  |  |  |  |  |  |
|                                                 |               |           |        |                 |         |                  |  |  |  |  |  |  |  |  |  |
|                                                 |               |           |        |                 |         |                  |  |  |  |  |  |  |  |  |  |
|                                                 |               |           |        |                 |         |                  |  |  |  |  |  |  |  |  |  |
| TB120715-3                                      | 0/0/00 : 0000 | GW        | 1      |                 | x       |                  |  |  |  |  |  |  |  |  |  |
|                                                 |               |           |        |                 |         |                  |  |  |  |  |  |  |  |  |  |
|                                                 |               |           |        |                 |         |                  |  |  |  |  |  |  |  |  |  |
|                                                 |               |           |        |                 |         |                  |  |  |  |  |  |  |  |  |  |
|                                                 |               |           |        |                 |         |                  |  |  |  |  |  |  |  |  |  |

|        |                                                                                                                                        |
|--------|----------------------------------------------------------------------------------------------------------------------------------------|
| Matrix | SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify) |
|--------|----------------------------------------------------------------------------------------------------------------------------------------|

## REMARKS

Cooler 2 of 2

## Ambient

Please copy [bdaigneau@clearcreekassociates.com](mailto:bdaigneau@clearcreekassociates.com) on SO4 results with QC summary

UPS Tracking # 1Z 867 7E4 22 1000 465 7

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

| RELINQUISHED BY: |                                                                                     | DATE:TIME     | RECEIVED BY: |     | DATE:TIME    |
|------------------|-------------------------------------------------------------------------------------|---------------|--------------|-----|--------------|
| Jeff Joy         |  | 4/4/19 : 1530 |              | MLP | 4-5-19 11:17 |
|                  |                                                                                     |               |              |     |              |
|                  |                                                                                     |               |              |     |              |

FRMAD050.01.15.09

|                             |                                   |
|-----------------------------|-----------------------------------|
| White - Return with sample. | Yellow - Retain for your records. |
|-----------------------------|-----------------------------------|

Yellow - Retain for your records.



April 23, 2019

## Report to:

Jeff Joy

FMI Gold &amp; Copper - Sierrita

6200 W. Duval Mine Road

Green Valley, AZ 85614

## Bill to:

Accounts Payable

FMI Gold &amp; Copper - Sierrita

P.O. Box 2671

Phoenix, AZ 85002-2671

cc: William Hart, Billiy Dorris, Ben Daigneau

Project ID: ZS0000079

ACZ Project ID: L51148

Jeff Joy:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on April 13, 2019. This project has been assigned to ACZ's project number, L51148. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L51148. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after May 23, 2019. If the samples are determined to be hazardous, additional charges apply for disposal (typically \$11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.



Scott Habermehl has reviewed  
and approved this report.



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MO-2007-1C

ACZ Sample ID: **L51148-01**

Date Sampled: 04/08/19 11:40

Date Received: 04/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 89.8   |      |    | mg/L  | 0.4 | 2   | 04/16/19 3:26 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MO-2007-1B

ACZ Sample ID: **L51148-02**

Date Sampled: 04/08/19 13:28

Date Received: 04/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 509    |      |    | mg/L  | 8   | 40  | 04/16/19 4:37 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MO-2007-1A

ACZ Sample ID: **L51148-03**

Date Sampled: 04/08/19 14:03

Date Received: 04/13/19

Sample Matrix: Groundwater

## Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 19.2   |      |    | mg/L  | 0.4 | 2   | 04/16/19 5:13 | mss2    |

**Arizona license number: AZ0102**

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MO-2007-3C

ACZ Sample ID: **L51148-04**

Date Sampled: 04/09/19 10:32

Date Received: 04/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 28.1   |      |    | mg/L  | 0.4 | 2   | 04/16/19 11:11 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MO-2007-3B

ACZ Sample ID: **L51148-05**

Date Sampled: 04/09/19 12:12

Date Received: 04/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 24.9   |      |    | mg/L  | 0.4 | 2   | 04/16/19 5:49 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MO-2007-6B

ACZ Sample ID: **L51148-06**

Date Sampled: 04/09/19 14:11

Date Received: 04/13/19

Sample Matrix: Groundwater

## Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 52.8   |      |    | mg/L  | 0.4 | 2   | 04/16/19 6:07 | mss2    |

**Arizona license number: AZ0102**



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MO-2007-6A

ACZ Sample ID: **L51148-07**

Date Sampled: 04/09/19 14:57

Date Received: 04/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 14.8   |      |    | mg/L  | 0.4 | 2   | 04/16/19 6:25 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MO-2007-5C

ACZ Sample ID: **L51148-08**

Date Sampled: 04/10/19 09:59

Date Received: 04/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 5        | 179    |      |    | mg/L  | 2   | 10  | 04/16/19 6:43 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MO-2007-5B

ACZ Sample ID: **L51148-09**

Date Sampled: 04/10/19 11:50

Date Received: 04/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 10       | 553    |      | *  | mg/L  | 4   | 20  | 04/19/19 2:53 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MO-2009-1

ACZ Sample ID: **L51148-10**

Date Sampled: 04/10/19 13:35

Date Received: 04/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 2        | 138    |      | *  | mg/L  | 0.8 | 4   | 04/19/19 14:05 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MO-2007-4C

ACZ Sample ID: **L51148-11**

Date Sampled: 04/11/19 09:58

Date Received: 04/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 66.8   |      | *  | mg/L  | 0.4 | 2   | 04/19/19 4:22 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MO-2007-4B

ACZ Sample ID: **L51148-12**

Date Sampled: 04/11/19 11:49

Date Received: 04/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 44.5   |      | *  | mg/L  | 0.4 | 2   | 04/19/19 4:40 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MO-2007-4A

ACZ Sample ID: **L51148-13**

Date Sampled: 04/11/19 12:27

Date Received: 04/13/19

Sample Matrix: Groundwater

## Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 36.5   |      | *  | mg/L  | 0.4 | 2   | 04/19/19 4:58 | mss2    |

**Arizona license number: AZ0102**

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: DUP20190408A

ACZ Sample ID: **L51148-14**

Date Sampled: 04/08/19 00:00

Date Received: 04/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 18.9   |      | *  | mg/L  | 0.4 | 2   | 04/19/19 5:16 | mss2    |

Arizona license number: AZ0102



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: DUP20190409A

ACZ Sample ID: **L51148-15**

Date Sampled: 04/09/19 00:00

Date Received: 04/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 15.4   |      | *  | mg/L  | 0.4 | 2   | 04/19/19 5:34 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: EQB20190408A

ACZ Sample ID: **L51148-16**

Date Sampled: 04/08/19 00:00

Date Received: 04/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        |        | U    | *  | mg/L  | 0.4 | 2   | 04/19/19 5:52 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: FB20190408A

ACZ Sample ID: **L51148-17**

Date Sampled: 04/08/19 00:00

Date Received: 04/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        |        | U    | *  | mg/L  | 0.4 | 2   | 04/19/19 6:10 | mss2    |

Arizona license number: AZ0102


**Report Header Explanations**

|                |                                                                                                                                                                |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Batch</i>   | A distinct set of samples analyzed at a specific time                                                                                                          |
| <i>Found</i>   | Value of the QC Type of interest                                                                                                                               |
| <i>Limit</i>   | Upper limit for RPD, in %.                                                                                                                                     |
| <i>Lower</i>   | Lower Recovery Limit, in % (except for LCSS, mg/Kg)                                                                                                            |
| <i>MDL</i>     | Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5).<br>Allows for instrument and annual fluctuations. |
| <i>PCN/SCN</i> | A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis                                                                 |
| <i>PQL</i>     | Practical Quantitation Limit. Synonymous with the EPA term "minimum level".                                                                                    |
| <i>QC</i>      | True Value of the Control Sample or the amount added to the Spike                                                                                              |
| <i>Rec</i>     | Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)                                                                               |
| <i>RPD</i>     | Relative Percent Difference, calculation used for Duplicate QC Types                                                                                           |
| <i>Upper</i>   | Upper Recovery Limit, in % (except for LCSS, mg/Kg)                                                                                                            |
| <i>Sample</i>  | Value of the Sample of interest                                                                                                                                |

**QC Sample Types**

|              |                                                        |              |                                              |
|--------------|--------------------------------------------------------|--------------|----------------------------------------------|
| <i>AS</i>    | Analytical Spike (Post Digestion)                      | <i>LCSWD</i> | Laboratory Control Sample - Water Duplicate  |
| <i>ASD</i>   | Analytical Spike (Post Digestion) Duplicate            | <i>LFB</i>   | Laboratory Fortified Blank                   |
| <i>CCB</i>   | Continuing Calibration Blank                           | <i>LFM</i>   | Laboratory Fortified Matrix                  |
| <i>CCV</i>   | Continuing Calibration Verification standard           | <i>LFMD</i>  | Laboratory Fortified Matrix Duplicate        |
| <i>DUP</i>   | Sample Duplicate                                       | <i>LRB</i>   | Laboratory Reagent Blank                     |
| <i>ICB</i>   | Initial Calibration Blank                              | <i>MS</i>    | Matrix Spike                                 |
| <i>ICV</i>   | Initial Calibration Verification standard              | <i>MSD</i>   | Matrix Spike Duplicate                       |
| <i>ICSAB</i> | Inter-element Correction Standard - A plus B solutions | <i>PBS</i>   | Prep Blank - Soil                            |
| <i>LCSS</i>  | Laboratory Control Sample - Soil                       | <i>PBW</i>   | Prep Blank - Water                           |
| <i>LCSSD</i> | Laboratory Control Sample - Soil Duplicate             | <i>PQV</i>   | Practical Quantitation Verification standard |
| <i>LCSW</i>  | Laboratory Control Sample - Water                      | <i>SDL</i>   | Serial Dilution                              |

**QC Sample Type Explanations**

|                         |                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------|
| Blanks                  | Verifies that there is no or minimal contamination in the prep method or calibration procedure. |
| Control Samples         | Verifies the accuracy of the method, including the prep procedure.                              |
| Duplicates              | Verifies the precision of the instrument and/or method.                                         |
| Spikes/Fortified Matrix | Determines sample matrix interferences, if any.                                                 |
| Standard                | Verifies the validity of the calibration.                                                       |

**ACZ Qualifiers (Qual)**

|   |                                                                                                                                                                                             |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.                                                                               |
| H | Analysis exceeded method hold time. pH is a field test with an immediate hold time.                                                                                                         |
| L | Target analyte response was below the laboratory defined negative threshold.                                                                                                                |
| U | The material was analyzed for, but was not detected above the level of the associated value.<br>The associated value is either the sample quantitation limit or the sample detection limit. |

**Method References**

- (1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
- (2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
- (3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
- (4) EPA SW-846. Test Methods for Evaluating Solid Waste.
- (5) Standard Methods for the Examination of Water and Wastewater.

**Comments**

- (1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
- (2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
- (3) Animal matrices for Inorganic analyses are reported on an "as received" basis.
- (4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
- (5) If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:

<https://aczk.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf>

### FMI Gold & Copper - Sierrita

ACZ Project ID: **L51148**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

#### Sulfate

#### M300.0 - Ion Chromatography

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC  | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469765</b> |      |                |            |     |        |       |       |      |       |       |     |       |      |
| WG469765ICV     | ICV  | 04/03/19 17:17 | WI190404-1 | 50  |        | 51.3  | mg/L  | 103  | 90    | 110   |     |       |      |
| WG469765ICB     | ICB  | 04/03/19 17:34 |            |     |        | U     | mg/L  |      | -0.4  | 0.4   |     |       |      |
| <b>WG470248</b> |      |                |            |     |        |       |       |      |       |       |     |       |      |
| WG470248LFB1    | LFB  | 04/15/19 17:52 | WI181011-3 | 30  |        | 31.2  | mg/L  | 104  | 90    | 110   |     |       |      |
| WG470248LFB2    | LFB  | 04/16/19 2:32  | WI181011-3 | 30  |        | 31.2  | mg/L  | 104  | 90    | 110   |     |       |      |
| L51148-01DUP    | DUP  | 04/16/19 4:20  |            |     | 89.8   | 89.9  | mg/L  |      |       |       | 0   | 20    |      |
| L51148-02AS     | AS   | 04/16/19 4:55  | WI181011-3 | 600 | 509    | 1100  | mg/L  | 99   | 90    | 110   |     |       |      |
| <b>WG470571</b> |      |                |            |     |        |       |       |      |       |       |     |       |      |
| WG470571LFB1    | LFB  | 04/18/19 17:19 | WI181011-3 | 30  |        | 30.9  | mg/L  | 103  | 90    | 110   |     |       |      |
| WG470571LFB2    | LFB  | 04/19/19 1:59  | WI181011-3 | 30  |        | 31.1  | mg/L  | 104  | 90    | 110   |     |       |      |
| L51145-02DUP    | DUP  | 04/19/19 2:35  |            |     | 2650   | 2710  | mg/L  |      |       |       | 2   | 20    |      |
| L51148-09AS     | AS   | 04/19/19 3:46  | WI181011-3 | 300 | 553    | 887   | mg/L  | 111  | 90    | 110   |     |       | M1   |

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L51148**

| ACZ ID    | WORKNUM  | PARAMETER | METHOD                      | QUAL | DESCRIPTION                                                                                                |
|-----------|----------|-----------|-----------------------------|------|------------------------------------------------------------------------------------------------------------|
| L51148-09 | WG470571 | Sulfate   | M300.0 - Ion Chromatography | M1   | Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| L51148-10 | WG470571 | Sulfate   | M300.0 - Ion Chromatography | M1   | Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| L51148-11 | WG470571 | Sulfate   | M300.0 - Ion Chromatography | M1   | Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| L51148-12 | WG470571 | Sulfate   | M300.0 - Ion Chromatography | M1   | Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| L51148-13 | WG470571 | Sulfate   | M300.0 - Ion Chromatography | M1   | Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| L51148-14 | WG470571 | Sulfate   | M300.0 - Ion Chromatography | M1   | Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| L51148-15 | WG470571 | Sulfate   | M300.0 - Ion Chromatography | M1   | Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| L51148-16 | WG470571 | Sulfate   | M300.0 - Ion Chromatography | M1   | Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| L51148-17 | WG470571 | Sulfate   | M300.0 - Ion Chromatography | M1   | Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable. |

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L51148**

No certification qualifiers associated with this analysis

FMI Gold & Copper - Sierrita  
ZS0000079

ACZ Project ID: L51148  
Date Received: 04/13/2019 11:03  
Received By:  
Date Printed: 4/15/2019

#### Receipt Verification

|                                                                                             | YES                                 | NO                                  | NA                                  |
|---------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1) Is a foreign soil permit included for applicable samples?                                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 2) Is the Chain of Custody form or other directive shipping papers present?                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 3) Does this project require special handling procedures such as CLP protocol?              | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 4) Are any samples NRC licensable material?                                                 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5) If samples are received past hold time, proceed with requested short hold time analyses? | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 6) Is the Chain of Custody form complete and accurate?                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

#### Samples/Containers

|                                                                                         | YES                                 | NO                       | NA                                  |
|-----------------------------------------------------------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 8) Are all containers intact and with no leaks?                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 9) Are all labels on containers and are they intact and legible?                        | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 11) For preserved bottle types, was the pH checked and within limits? <sup>1</sup>      | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 12) Is there sufficient sample volume to perform all requested work?                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 13) Is the custody seal intact on all containers?                                       | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 14) Are samples that require zero headspace acceptable?                                 | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 15) Are all sample containers appropriate for analytical requirements?                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 16) Is there an Hg-1631 trip blank present?                                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17) Is there a VOA trip blank present?                                                  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 18) Were all samples received within hold time?                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

NA indicates Not Applicable

#### Chain of Custody Related Remarks

#### Client Contact Remarks

#### Shipping Containers

| Cooler Id | Temp (°C) | Temp<br>Criteria (°C) | Rad (µR/Hr) | Custody Seal<br>Intact? |
|-----------|-----------|-----------------------|-------------|-------------------------|
| -----     | -----     | -----                 | -----       | -----                   |
| NA30377   | 2.5       | <=6.0                 | 14          | Yes                     |

Was ice present in the shipment container(s)?

Yes - Wet ice was present in the shipment container(s).

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.



FMI Gold & Copper - Sierrita  
ZS0000079

ACZ Project ID: L51148

Date Received: 04/13/2019 11:03

Received By:

Date Printed: 4/15/2019

<sup>1</sup> The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).

# ACZ Laboratories, Inc.

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

L51148

## CHAIN of CUSTODY

### Report to:

Name: Jeff Joy

Company: Freeport-McMoRan Sierrita Inc.

E-mail: jjoy@fmi.com

Address: 6200 W. Duval Mine Road

Green Valley, AZ 85614

Telephone: 520-393-2269

### Copy of Report to:

Name: Ben Daigneau

Company: Clear Creek Associates

E-mail: bdaigneau@clearcreekassociates.com

Telephone: 520-622-3222

### Invoice to:

Name:

Company:

E-mail:

Address:

Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?

YES

NO

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO"

is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.

Are samples for CO DW Compliance Monitoring?

YES

NO

X

If yes, please include state forms. Results will be reported to PQL.

### PROJECT INFORMATION

ANALYSES REQUESTED (attach list or use quote number)

Quote #:

Project/PO #: ZS0000079

Reporting state for compliance testing:

Sampler's Name: Jeff Joy

Are any samples NRC licensable material? Yes No

SAMPLE IDENTIFICATION

DATE:TIME

Matrix

# of Containers

SO4 by EPA 300 or EPA 375

MO-2007-1C

4/8/19 : 1140

GW

1

X

MO-2007-1B

4/8/19 : 1328

GW

1

X

MO-2007-1A

4/8/19 : 1403

GW

1

X

MO-2007-3C

4/9/19 : 1032

GW

1

X

MO-2007-3B

4/9/19 : 1212

GW

1

X

MO-2007-6B

4/9/19 : 1411

GW

1

X

MO-2007-6A

4/9/19 : 1457

GW

1

X

MO-2007-5C

4/10/19 : 0959

GW

1

X

MO-2007-5B

4/10/19 : 1150

GW

1

X

MO-2009-1

4/10/19 : 1335

GW

1

X

Matrix

SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

### REMARKS

Sulfates Page 1 of 2

Copy of report to Ben Daigneau contains only "SO4" results with QC Summary.

Please include copy of report to whart@fmi.com and bdorris@fmi.com 520-393-2625

UPS Tracking # 1Z 867 7E4 22 1000 466 6

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:

DATE:TIME

RECEIVED BY:

DATE:TIME

Jeff Joy

4/11/19 : 1530

las

4/13/19 11:03

# ACZ Laboratories, Inc.

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

L51148

## CHAIN of CUSTODY

### Report to:

Name: Jeff Joy

Company: Freeport-McMoRan Sierrita Inc.

E-mail: jjoy@fmi.com

Address: 6200 W. Duval Mine Road

Green Valley, AZ 85614

Telephone: 520-393-2269

### Copy of Report to:

Name: Ben Daigneau

Company: Clear Creek Associates

E-mail: bdaigneau@clearcreekassociates.com

Telephone: 520-622-3222

### Invoice to:

Name:

Company:

E-mail:

Address:

Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?

YES

NO

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO"

is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.

Are samples for CO DW Compliance Monitoring?

YES

NO

X

If yes, please include state forms. Results will be reported to PQL.

### PROJECT INFORMATION

ANALYSES REQUESTED (attach list or use quote number)

Quote #:

Project/PO #: ZS0000079

Reporting state for compliance testing:

Sampler's Name: Jeff Joy

Are any samples NRC licensable material? Yes No

SAMPLE IDENTIFICATION

DATE:TIME

Matrix

# of Containers

SO4 by EPA 300 or EPA 375

MO-2007-4C

4/11/19 : 0958

GW

1

X

MO-2007-4B

4/11/19 : 1149

GW

1

X

MO-2007-4A

4/11/19 : 1227

GW

1

X

DUP20190408A

4/8/19 : 0000

GW

1

X

DUP20190409A

4/9/19 : 0000

GW

1

X

EQB20190408A

4/8/19 : 0000

GW

1

X

FB20190408A

4/8/19 : 0000

GW

1

X

Matrix

SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

### REMARKS

Sulfates Page 2 of 2

Copy of report to Ben Daigneau contains only "SO4" results with QC Summary.

Please include copy of report to what@fmi.com and bdorris@fmi.com 520-393-2625

UPS Tracking # 1Z 867 7E4 22 1000 466 6

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:

DATE:TIME

RECEIVED BY:

DATE:TIME

Jeff Joy

4/11/19 : 1530

las

4/13/19 11:03

May 03, 2019

Report to:

Jeff Joy  
FMI Gold & Copper - Sierrita  
6200 W. Duval Mine Road  
Green Valley, AZ 85614

Bill to:

Accounts Payable  
FMI Gold & Copper - Sierrita  
P.O. Box 2671  
Phoenix, AZ 85002-2671

cc: William Hart, Billiy Dorris, Ben Daigneau

Project ID: ZS0000079

ACZ Project ID: L51258

Jeff Joy:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on April 19, 2019. This project has been assigned to ACZ's project number, L51258. Please reference this number in all future inquiries.

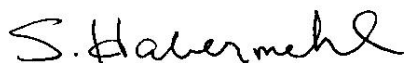
All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L51258. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after June 02, 2019. If the samples are determined to be hazardous, additional charges apply for disposal (typically \$11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.



Scott Habermehl has reviewed  
and approved this report.



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MW-2016-06

ACZ Sample ID: **L51258-01**

Date Sampled: 04/15/19 09:38

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 75.1   |      |    | mg/L  | 0.4 | 2   | 04/29/19 19:25 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MW-2016-05B

ACZ Sample ID: **L51258-02**

Date Sampled: 04/15/19 11:34

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 56.6   |      |    | mg/L  | 0.4 | 2   | 04/29/19 20:01 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MW-2016-05A

ACZ Sample ID: **L51258-03**

Date Sampled: 04/15/19 12:13

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 29.0   |      |    | mg/L  | 0.4 | 2   | 04/29/19 20:36 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: M-9

ACZ Sample ID: **L51258-04**

Date Sampled: 04/15/19 15:07

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        |        | U    |    | mg/L  | 0.4 | 2   | 04/29/19 21:30 | mss2    |

Arizona license number: AZ0102



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: M-20

ACZ Sample ID: **L51258-05**

Date Sampled: 04/16/19 07:45

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1260   |      |    | mg/L  | 8   | 40  | 04/29/19 21:48 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: M-10

ACZ Sample ID: **L51258-06**

Date Sampled: 04/16/19 09:29

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 5        | 217    |      |    | mg/L  | 2   | 10  | 04/30/19 11:27 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: M-8

ACZ Sample ID: **L51258-07**

Date Sampled: 04/16/19 11:20

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 54.2   |      |    | mg/L  | 0.4 | 2   | 04/29/19 22:24 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: PZ-7

ACZ Sample ID: **L51258-08**

Date Sampled: 04/16/19 12:42

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 10       | 528    |      |    | mg/L  | 4   | 20  | 04/29/19 22:42 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: PS-4

ACZ Sample ID: **L51258-09**

Date Sampled: 04/16/19 14:17

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1390   |      |    | mg/L  | 8   | 40  | 04/29/19 23:18 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: PS-2

ACZ Sample ID: **L51258-10**

Date Sampled: 04/16/19 14:35

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1070   |      |    | mg/L  | 8   | 40  | 04/29/19 23:53 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: PS-1

ACZ Sample ID: **L51258-11**

Date Sampled: 04/16/19 14:27

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1390   |      |    | mg/L  | 8   | 40  | 04/30/19 0:11 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: PS-3

ACZ Sample ID: **L51258-12**

Date Sampled: 04/16/19 14:42

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 946    |      |    | mg/L  | 8   | 40  | 04/30/19 1:05 | mss2    |

Arizona license number: AZ0102



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: PZ-8

ACZ Sample ID: **L51258-13**

Date Sampled: 04/17/19 06:55

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 10       | 580    |      |    | mg/L  | 4   | 20  | 04/30/19 1:23 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MH-10

ACZ Sample ID: **L51258-14**

Date Sampled: 04/17/19 09:00

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1170   |      |    | mg/L  | 8   | 40  | 04/30/19 11:45 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MH-30

ACZ Sample ID: **L51258-15**

Date Sampled: 04/17/19 10:03

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 50       | 1980   |      | *  | mg/L  | 20  | 100 | 05/01/19 10:37 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MH-11

ACZ Sample ID: **L51258-16**

Date Sampled: 04/17/19 10:32

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1690   |      |    | mg/L  | 8   | 40  | 04/30/19 2:17 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MH-13C

ACZ Sample ID: **L51258-17**

Date Sampled: 04/17/19 14:50

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        |        | U    |    | mg/L  | 0.4 | 2   | 04/30/19 2:35 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MH-13B

ACZ Sample ID: **L51258-18**

Date Sampled: 04/18/19 07:38

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 10       | 840    |      |    | mg/L  | 4   | 20  | 04/30/19 12:03 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MC-2

ACZ Sample ID: **L51258-19**

Date Sampled: 04/18/19 07:51

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 50       | 989    |      |    | mg/L  | 20  | 100 | 04/30/19 3:46 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MH-25C

ACZ Sample ID: **L51258-20**

Date Sampled: 04/18/19 09:43

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1150   |      |    | mg/L  | 8   | 40  | 04/30/19 4:58 | mss2    |

Arizona license number: AZ0102



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MH-25B

ACZ Sample ID: **L51258-21**

Date Sampled: 04/18/19 10:16

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1080   |      |    | mg/L  | 8   | 40  | 04/30/19 5:16 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MH-26C

ACZ Sample ID: **L51258-22**

Date Sampled: 04/18/19 11:57

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1290   |      |    | mg/L  | 8   | 40  | 04/30/19 5:34 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MH-26B

ACZ Sample ID: **L51258-23**

Date Sampled: 04/18/19 12:35

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1330   |      |    | mg/L  | 8   | 40  | 04/30/19 5:52 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: DUP20190416A

ACZ Sample ID: **L51258-24**

Date Sampled: 04/16/19 00:00

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1450   |      | *  | mg/L  | 8   | 40  | 04/30/19 19:16 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: DUP20190418A

ACZ Sample ID: **L51258-25**

Date Sampled: 04/18/19 00:00

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1060   |      |    | mg/L  | 8   | 40  | 04/30/19 6:28 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: DUP20190418B

ACZ Sample ID: **L51258-26**

Date Sampled: 04/18/19 00:00

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1370   |      |    | mg/L  | 8   | 40  | 04/30/19 6:46 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: EQB20190416A

ACZ Sample ID: **L51258-27**

Date Sampled: 04/16/19 00:00

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        |        | U    |    | mg/L  | 0.4 | 2   | 04/30/19 7:04 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: EQB20190418A

ACZ Sample ID: **L51258-28**

Date Sampled: 04/18/19 00:00

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        |        | U    | *  | mg/L  | 0.4 | 2   | 04/30/19 19:34 | mss2    |

Arizona license number: AZ0102



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: FB20190416A

ACZ Sample ID: **L51258-29**

Date Sampled: 04/16/19 00:00

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        |        | U    | *  | mg/L  | 0.4 | 2   | 04/30/19 20:10 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: FB20190418A

ACZ Sample ID: **L51258-30**

Date Sampled: 04/18/19 00:00

Date Received: 04/19/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        |        | U    | *  | mg/L  | 0.4 | 2   | 04/30/19 21:22 | mss2    |

Arizona license number: AZ0102


**Report Header Explanations**

|                |                                                                                                                                                                |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Batch</i>   | A distinct set of samples analyzed at a specific time                                                                                                          |
| <i>Found</i>   | Value of the QC Type of interest                                                                                                                               |
| <i>Limit</i>   | Upper limit for RPD, in %.                                                                                                                                     |
| <i>Lower</i>   | Lower Recovery Limit, in % (except for LCSS, mg/Kg)                                                                                                            |
| <i>MDL</i>     | Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5).<br>Allows for instrument and annual fluctuations. |
| <i>PCN/SCN</i> | A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis                                                                 |
| <i>PQL</i>     | Practical Quantitation Limit. Synonymous with the EPA term "minimum level".                                                                                    |
| <i>QC</i>      | True Value of the Control Sample or the amount added to the Spike                                                                                              |
| <i>Rec</i>     | Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)                                                                               |
| <i>RPD</i>     | Relative Percent Difference, calculation used for Duplicate QC Types                                                                                           |
| <i>Upper</i>   | Upper Recovery Limit, in % (except for LCSS, mg/Kg)                                                                                                            |
| <i>Sample</i>  | Value of the Sample of interest                                                                                                                                |

**QC Sample Types**

|              |                                                        |              |                                              |
|--------------|--------------------------------------------------------|--------------|----------------------------------------------|
| <i>AS</i>    | Analytical Spike (Post Digestion)                      | <i>LCSWD</i> | Laboratory Control Sample - Water Duplicate  |
| <i>ASD</i>   | Analytical Spike (Post Digestion) Duplicate            | <i>LFB</i>   | Laboratory Fortified Blank                   |
| <i>CCB</i>   | Continuing Calibration Blank                           | <i>LFM</i>   | Laboratory Fortified Matrix                  |
| <i>CCV</i>   | Continuing Calibration Verification standard           | <i>LFMD</i>  | Laboratory Fortified Matrix Duplicate        |
| <i>DUP</i>   | Sample Duplicate                                       | <i>LRB</i>   | Laboratory Reagent Blank                     |
| <i>ICB</i>   | Initial Calibration Blank                              | <i>MS</i>    | Matrix Spike                                 |
| <i>ICV</i>   | Initial Calibration Verification standard              | <i>MSD</i>   | Matrix Spike Duplicate                       |
| <i>ICSAB</i> | Inter-element Correction Standard - A plus B solutions | <i>PBS</i>   | Prep Blank - Soil                            |
| <i>LCSS</i>  | Laboratory Control Sample - Soil                       | <i>PBW</i>   | Prep Blank - Water                           |
| <i>LCSSD</i> | Laboratory Control Sample - Soil Duplicate             | <i>PQV</i>   | Practical Quantitation Verification standard |
| <i>LCSW</i>  | Laboratory Control Sample - Water                      | <i>SDL</i>   | Serial Dilution                              |

**QC Sample Type Explanations**

|                         |                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------|
| Blanks                  | Verifies that there is no or minimal contamination in the prep method or calibration procedure. |
| Control Samples         | Verifies the accuracy of the method, including the prep procedure.                              |
| Duplicates              | Verifies the precision of the instrument and/or method.                                         |
| Spikes/Fortified Matrix | Determines sample matrix interferences, if any.                                                 |
| Standard                | Verifies the validity of the calibration.                                                       |

**ACZ Qualifiers (Qual)**

|   |                                                                                                                                                                                             |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.                                                                               |
| H | Analysis exceeded method hold time. pH is a field test with an immediate hold time.                                                                                                         |
| L | Target analyte response was below the laboratory defined negative threshold.                                                                                                                |
| U | The material was analyzed for, but was not detected above the level of the associated value.<br>The associated value is either the sample quantitation limit or the sample detection limit. |

**Method References**

- (1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
- (2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
- (3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
- (4) EPA SW-846. Test Methods for Evaluating Solid Waste.
- (5) Standard Methods for the Examination of Water and Wastewater.

**Comments**

- (1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
- (2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
- (3) Animal matrices for Inorganic analyses are reported on an "as received" basis.
- (4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
- (5) If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:

<https://aczk.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf>

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L51258**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

**Sulfate**

## M300.0 - Ion Chromatography

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC   | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG469765</b> |      |                |            |      |        |       |       |      |       |       |     |       |      |
| WG469765ICV     | ICV  | 04/03/19 17:17 | WI190404-1 | 50   |        | 51.3  | mg/L  | 103  | 90    | 110   |     |       |      |
| WG469765ICB     | ICB  | 04/03/19 17:34 |            |      |        | U     | mg/L  |      | -0.4  | 0.4   |     |       |      |
| <b>WG471207</b> |      |                |            |      |        |       |       |      |       |       |     |       |      |
| WG471207LFB1    | LFB  | 04/29/19 18:13 | WI181011-3 | 30   |        | 31.9  | mg/L  | 106  | 90    | 110   |     |       |      |
| L51258-01DUP    | DUP  | 04/29/19 19:43 |            |      | 75.1   | 75.2  | mg/L  |      |       |       | 0   | 20    |      |
| L51258-02AS     | AS   | 04/29/19 20:18 | WI181011-3 | 30   | 56.6   | 86.3  | mg/L  | 99   | 90    | 110   |     |       |      |
| L51258-08DUP    | DUP  | 04/29/19 23:00 |            |      | 528    | 529   | mg/L  |      |       |       | 0   | 20    |      |
| L51258-09AS     | AS   | 04/29/19 23:36 | WI181011-3 | 600  | 1390   | 1990  | mg/L  | 100  | 90    | 110   |     |       |      |
| WG471207LFB2    | LFB  | 04/30/19 2:53  | WI181011-3 | 30   |        | 31.5  | mg/L  | 105  | 90    | 110   |     |       |      |
| L51258-19AS     | AS   | 04/30/19 4:40  | WI181011-3 | 1500 | 989    | 2550  | mg/L  | 104  | 90    | 110   |     |       |      |
| L51258-18DUP    | DUP  | 04/30/19 12:21 |            |      | 840    | 841   | mg/L  |      |       |       | 0   | 20    |      |
| <b>WG471302</b> |      |                |            |      |        |       |       |      |       |       |     |       |      |
| WG471302LFB     | LFB  | 04/30/19 17:47 | WI181011-3 | 30   |        | 31.6  | mg/L  | 105  | 90    | 110   |     |       |      |
| L51258-28DUP    | DUP  | 04/30/19 19:52 |            |      | U      | U     | mg/L  |      |       |       | 0   | 20    | RA   |
| L51258-29AS     | AS   | 04/30/19 21:04 | WI181011-3 | 30   | U      | 32.1  | mg/L  | 107  | 90    | 110   |     |       |      |

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L51258**

| ACZ ID    | WORKNUM  | PARAMETER | METHOD                      | QUAL | DESCRIPTION                                                                                                                                                           |
|-----------|----------|-----------|-----------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L51258-15 | WG471302 | Sulfate   | M300.0 - Ion Chromatography | RA   | Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL). |
| L51258-24 | WG471302 | Sulfate   | M300.0 - Ion Chromatography | RA   | Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL). |
| L51258-28 | WG471302 | Sulfate   | M300.0 - Ion Chromatography | RA   | Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL). |
| L51258-29 | WG471302 | Sulfate   | M300.0 - Ion Chromatography | RA   | Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL). |
| L51258-30 | WG471302 | Sulfate   | M300.0 - Ion Chromatography | RA   | Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL). |

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L51258**

No certification qualifiers associated with this analysis

FMI Gold & Copper - Sierrita  
ZS0000079

ACZ Project ID: L51258  
Date Received: 04/19/2019 10:03  
Received By:  
Date Printed: 4/22/2019

#### Receipt Verification

|                                                                                             | YES                                 | NO                                  | NA                                  |
|---------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1) Is a foreign soil permit included for applicable samples?                                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 2) Is the Chain of Custody form or other directive shipping papers present?                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 3) Does this project require special handling procedures such as CLP protocol?              | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 4) Are any samples NRC licensable material?                                                 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5) If samples are received past hold time, proceed with requested short hold time analyses? | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 6) Is the Chain of Custody form complete and accurate?                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

#### Samples/Containers

|                                                                                         | YES                                 | NO                       | NA                                  |
|-----------------------------------------------------------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 8) Are all containers intact and with no leaks?                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 9) Are all labels on containers and are they intact and legible?                        | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 11) For preserved bottle types, was the pH checked and within limits? <sup>1</sup>      | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 12) Is there sufficient sample volume to perform all requested work?                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 13) Is the custody seal intact on all containers?                                       | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 14) Are samples that require zero headspace acceptable?                                 | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 15) Are all sample containers appropriate for analytical requirements?                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 16) Is there an Hg-1631 trip blank present?                                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17) Is there a VOA trip blank present?                                                  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 18) Were all samples received within hold time?                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

NA indicates Not Applicable

#### Chain of Custody Related Remarks

#### Client Contact Remarks

#### Shipping Containers

| Cooler Id | Temp (°C) | Temp<br>Criteria (°C) | Rad (µR/Hr) | Custody Seal<br>Intact? |
|-----------|-----------|-----------------------|-------------|-------------------------|
| NA30409   | 4.8       | <=6.0                 | 15          | Yes                     |

Was ice present in the shipment container(s)?

Yes - Wet ice was present in the shipment container(s).

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

FMI Gold & Copper - Sierrita  
ZS0000079

ACZ Project ID: L51258

Date Received: 04/19/2019 10:03

Received By:

Date Printed: 4/22/2019

<sup>1</sup> The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).





**Laboratories, Inc.**

L51258

# CHAIN of CUSTODY

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

## Report to:

Name: Jeff Joy

Company: Freeport-McMoRan Sierrita Inc.

E-mail: jjoy@fmi.com

Address: 6200 W. Duval Mine Road

Green Valley, AZ 85614

Telephone: 520-393-2269

## Copy of Report to:

Name: Ben Daigneau

Company: Clear Creek Associates

E-mail: bdaigneau@clearcreekassociates.com

Telephone: 520-622-3222

## Invoice to:

Name:

Company:

E-mail:

Address:

Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?

YES

NO

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO"

is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.

Are samples for CO DW Compliance Monitoring?

YES

NO

X

If yes, please include state forms. Results will be reported to PQL.

## PROJECT INFORMATION

ANALYSES REQUESTED (attach list or use quote number)

Quote #:

Project/PO #: ZS0000079

Reporting state for compliance testing:

Sampler's Name: Jeff Joy

Are any samples NRC licensable material? Yes No

## SAMPLE IDENTIFICATION

DATE:TIME

Matrix

# of Containers

SO4 by EPA 300 or EPA 375

MW-2016-06

4/15/19 : 0938

GW

1

X

MW-2016-05B

4/15/19 : 1134

GW

1

X

MW-2016-05A

4/15/19 : 1213

GW

1

X

M-9

4/15/19 : 1507

GW

1

X

M-20

4/16/19 : 0745

GW

1

X

M-10

4/16/19 : 0929

GW

1

X

M-8

4/16/19 : 1120

GW

1

X

PZ-7

4/16/19 : 1242

GW

1

X

PS-4

4/16/19 : 1417

GW

1

X

PS-2

4/16/19 : 1435

GW

1

X

Matrix

SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

## REMARKS

Sulfates Page 1 of 3

Copy of report to Ben Daigneau contains only "SO4" results with QC Summary.

Please include copy of report to whart@fmi.com and bdorris@fmi.com 520-393-2625

UPS Tracking # 1Z 867 7E4 22 1000 472 8

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:

DATE:TIME

RECEIVED BY:

DATE:TIME

Jeff Joy

4/18/19 : 1530

MLP

4-19-19 10:03

L51258 Chain of Custody



**Laboratories, Inc.**

L51258

**CHAIN of CUSTODY**

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

**Report to:**

Name: Jeff Joy

Company: Freeport-McMoRan Sierrita Inc.

E-mail: jjoy@fmi.com

Address: 6200 W. Duval Mine Road

Green Valley, AZ 85614

Telephone: 520-393-2269

**Copy of Report to:**

Name: Ben Daigneau

Company: Clear Creek Associates

E-mail: bdaigneau@clearcreekassociates.com

Telephone: 520-622-3222

**Invoice to:**

Name:

Company:

E-mail:

Address:

Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?

YES

NO

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO"

is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.

Are samples for CO DW Compliance Monitoring?

YES

NO

X

If yes, please include state forms. Results will be reported to PQL.

**PROJECT INFORMATION**

**ANALYSES REQUESTED** (attach list or use quote number)

Quote #:

Project/PO #: ZS0000079

Reporting state for compliance testing:

Sampler's Name: Jeff Joy

Are any samples NRC licensable material? Yes No

**SAMPLE IDENTIFICATION**

**DATE:TIME**

**Matrix**

# of Containers

SO4 by EPA 300 or EPA 375

PS-1

4/16/19 : 1427

GW

1

X

PS-3

4/16/19 : 1442

GW

1

X

PZ-8

4/17/19 : 0655

GW

1

X

MH-10

4/17/19 : 0900

GW

1

X

MH-30

4/17/19 : 1003

GW

1

X

MH-11

4/17/19 : 1032

GW

1

X

MH-13C

4/17/19 : 1450

GW

1

X

MH-13B

4/18/19 : 0738

GW

1

X

MC-2

4/18/19 : 0751

GW

1

X

MH-25C

4/18/19 : 0943

GW

1

X

Matrix

SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

**REMARKS**

Sulfates Page 2 of 3

Copy of report to Ben Daigneau contains only "SO4" results with QC Summary.

Please include copy of report to whart@fmi.com and bdorris@fmi.com 520-393-2625

UPS Tracking # 1Z 867 7E4 22 1000 472 8

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

**RELINQUISHED BY:**

**DATE:TIME**

**RECEIVED BY:**

**DATE:TIME**

Jeff Joy

4/18/19 : 1530

MLP

4-19-19 10:03



**Laboratories, Inc.**

L51258

## CHAIN of CUSTODY

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

### Report to:

Name: Jeff Joy

Company: Freeport-McMoRan Sierrita Inc.

E-mail: jjoy@fmi.com

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Telephone: 520-393-2269

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Name: Ben Daigneau

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E-mail: bdaigneau@clearcreekassociates.com

Telephone: 520-622-3222

### Invoice to:

Name:

Company:

E-mail:

Address:

Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?

YES

NO

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO"

is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.

Are samples for CO DW Compliance Monitoring?

YES

NO

X

If yes, please include state forms. Results will be reported to PQL.

### PROJECT INFORMATION

ANALYSES REQUESTED (attach list or use quote number)

Quote #:

Project/PO #: ZS0000079

Reporting state for compliance testing:

Sampler's Name: Jeff Joy

Are any samples NRC licensable material? Yes No

SAMPLE IDENTIFICATION

DATE:TIME

Matrix

# of Containers

SO4 by EPA 300 or EPA 375

MH-25B

4/18/19 : 1016

GW

1

X

MH-26C

4/18/19 : 1157

GW

1

X

MH-26B

4/18/19 : 1235

GW

1

X

DUP20190416A

4/16/19 : 0000

GW

1

X

DUP20190418A

4/18/19 : 0000

GW

1

X

DUP20190418B

4/18/19 : 0000

GW

1

X

EQB20190416A

4/16/19 : 0000

GW

1

X

EQB20190418A

4/18/19 : 0000

GW

1

X

FB20190416A

4/16/19 : 0000

GW

1

X

FB20190418A

4/18/19 : 0000

GW

1

X

Matrix

SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

### REMARKS

Sulfates Page 3 of 3

Copy of report to Ben Daigneau contains only "SO4" results with QC Summary.

Please include copy of report to whart@fmi.com and bdorris@fmi.com 520-393-2625

UPS Tracking # 1Z 867 7E4 22 1000 472 8

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:

DATE:TIME

RECEIVED BY:

DATE:TIME

Jeff Joy

4/18/19 : 1530

MLP

4-19-19 10:03

May 13, 2019

## Report to:

Jeff Joy

FMI Gold &amp; Copper - Sierrita

6200 W. Duval Mine Road

Green Valley, AZ 85614

## Bill to:

Accounts Payable

FMI Gold &amp; Copper - Sierrita

P.O. Box 2671

Phoenix, AZ 85002-2671

cc: William Hart, Billiy Dorris, Ben Daigneau

Project ID: ZS0000079

ACZ Project ID: L51386

Jeff Joy:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on April 26, 2019. This project has been assigned to ACZ's project number, L51386. Please reference this number in all future inquiries.

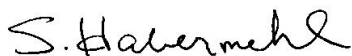
All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L51386. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after June 12, 2019. If the samples are determined to be hazardous, additional charges apply for disposal (typically \$11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.



Scott Habermehl has reviewed  
and approved this report.



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: FFS-1

ACZ Sample ID: **L51386-01**

Date Sampled: 04/22/19 09:58

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 25       | 1880   |      |    | mg/L  | 10  | 50  | 05/07/19 11:50 | mss2    |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: FFS-2

ACZ Sample ID: **L51386-02**

Date Sampled: 04/22/19 10:38

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 50       | 1960   |      |    | mg/L  | 20  | 100 | 05/08/19 14:34 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MC-1

ACZ Sample ID: **L51386-03**

Date Sampled: 04/22/19 10:57

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 50       | 1710   |      |    | mg/L  | 20  | 100 | 05/09/19 13:51 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: FFS-3

ACZ Sample ID: **L51386-04**

Date Sampled: 04/22/19 11:11

Date Received: 04/26/19

Sample Matrix: Groundwater

## Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1580   |      |    | mg/L  | 8   | 40  | 05/08/19 15:45 | krh     |

**Arizona license number: AZ0102**



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: FFS-4

ACZ Sample ID: **L51386-05**

Date Sampled: 04/22/19 11:43

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1320   |      |    | mg/L  | 8   | 40  | 05/08/19 16:03 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: FFS-5

ACZ Sample ID: **L51386-06**

Date Sampled: 04/22/19 11:55

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1620   |      |    | mg/L  | 8   | 40  | 05/08/19 16:21 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MC-3

ACZ Sample ID: **L51386-07**

Date Sampled: 04/22/19 12:20

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1310   |      |    | mg/L  | 8   | 40  | 05/08/19 16:39 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: IW-12

ACZ Sample ID: **L51386-08**

Date Sampled: 04/22/19 13:48

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 50       | 1190   |      |    | mg/L  | 20  | 100 | 05/08/19 17:33 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: IW-11

ACZ Sample ID: **L51386-09**

Date Sampled: 04/22/19 14:00

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 50       | 1970   |      |    | mg/L  | 20  | 100 | 05/08/19 17:51 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: IW-10

ACZ Sample ID: **L51386-10**

Date Sampled: 04/22/19 14:16

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 50       | 1240   |      |    | mg/L  | 20  | 100 | 05/08/19 18:09 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: IW-28

ACZ Sample ID: **L51386-11**

Date Sampled: 04/22/19 14:24

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 50       | 1890   |      |    | mg/L  | 20  | 100 | 05/08/19 18:27 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: IW-29

ACZ Sample ID: **L51386-12**

Date Sampled: 04/22/19 14:36

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 50       | 1540   |      |    | mg/L  | 20  | 100 | 05/08/19 18:45 | krh     |

Arizona license number: AZ0102



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: IW-26

ACZ Sample ID: **L51386-13**

Date Sampled: 04/23/19 08:39

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 50       | 1520   |      |    | mg/L  | 20  | 100 | 05/09/19 14:27 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: IW-9

ACZ Sample ID: **L51386-14**

Date Sampled: 04/23/19 08:43

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1690   |      |    | mg/L  | 8   | 40  | 05/08/19 19:56 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: IW-3A

ACZ Sample ID: **L51386-15**

Date Sampled: 04/23/19 08:50

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1910   |      |    | mg/L  | 8   | 40  | 05/08/19 20:14 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: IW-25

ACZ Sample ID: **L51386-16**

Date Sampled: 04/23/19 08:54

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1560   |      |    | mg/L  | 8   | 40  | 05/08/19 21:08 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: IW-2A

ACZ Sample ID: **L51386-17**

Date Sampled: 04/23/19 08:58

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 413    |      |    | mg/L  | 8   | 40  | 05/08/19 21:26 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: IW-1

ACZ Sample ID: **L51386-18**

Date Sampled: 04/23/19 09:02

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1510   |      |    | mg/L  | 8   | 40  | 05/08/19 21:44 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: CW-10

ACZ Sample ID: **L51386-19**

Date Sampled: 04/24/19 07:35

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 45.3   |      |    | mg/L  | 0.4 | 2   | 05/08/19 22:02 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MO-2007-2

ACZ Sample ID: **L51386-20**

Date Sampled: 04/24/19 10:01

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 10       | 460    |      |    | mg/L  | 4   | 20  | 05/09/19 15:03 | krh     |

Arizona license number: AZ0102



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: HAVENGOLF

ACZ Sample ID: **L51386-21**

Date Sampled: 04/24/19 11:40

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter                      | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|--------------------------------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Lab Filtration (0.45um filter) | SOPWC050                    | 1        |        |      |    |       |     |     | 04/29/19 16:56 | emk     |
| Sulfate                        | M300.0 - Ion Chromatography | 5        | 102    |      |    | mg/L  | 2   | 10  | 05/08/19 22:38 | krh     |

Arizona license number: **AZ0102**

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: IW-27

ACZ Sample ID: **L51386-22**

Date Sampled: 04/24/19 12:50

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 50       | 1890   |      |    | mg/L  | 20  | 100 | 05/08/19 23:13 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: GV-1

ACZ Sample ID: **L51386-23**

Date Sampled: 04/25/19 07:59

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 25.2   |      |    | mg/L  | 0.4 | 2   | 05/08/19 23:49 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: GV-2

ACZ Sample ID: **L51386-24**

Date Sampled: 04/25/19 08:31

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 51.5   |      |    | mg/L  | 0.4 | 2   | 05/09/19 1:01 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: SIWELL

ACZ Sample ID: **L51386-25**

Date Sampled: 04/25/19 09:11

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 6.06   |      |    | mg/L  | 0.4 | 2   | 05/09/19 1:19 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: DUP20190422A

ACZ Sample ID: **L51386-26**

Date Sampled: 04/22/19 00:00

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 20       | 1310   |      |    | mg/L  | 8   | 40  | 05/09/19 15:21 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: DUP20190424A

ACZ Sample ID: **L51386-27**

Date Sampled: 04/24/19 00:00

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 10       | 459    |      |    | mg/L  | 4   | 20  | 05/09/19 15:39 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: DUP20190425A

ACZ Sample ID: **L51386-28**

Date Sampled: 04/25/19 00:00

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 6.12   |      |    | mg/L  | 0.4 | 2   | 05/09/19 2:12 | krh     |

Arizona license number: AZ0102



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: EQB20190424A

ACZ Sample ID: **L51386-29**

Date Sampled: 04/24/19 00:00

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        |        | U    |    | mg/L  | 0.4 | 2   | 05/09/19 2:30 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: EQB20190425A

ACZ Sample ID: **L51386-30**

Date Sampled: 04/24/19 00:00

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        |        | U    |    | mg/L  | 0.4 | 2   | 05/09/19 2:48 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: FB20190424A

ACZ Sample ID: **L51386-31**

Date Sampled: 04/24/19 00:00

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        |        | U    |    | mg/L  | 0.4 | 2   | 05/09/19 3:06 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: FB20190425A

ACZ Sample ID: **L51386-32**

Date Sampled: 04/25/19 00:00

Date Received: 04/26/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        |        | U    |    | mg/L  | 0.4 | 2   | 05/09/19 18:53 | krh     |

Arizona license number: AZ0102


**Report Header Explanations**

|                |                                                                                                                                                                |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Batch</i>   | A distinct set of samples analyzed at a specific time                                                                                                          |
| <i>Found</i>   | Value of the QC Type of interest                                                                                                                               |
| <i>Limit</i>   | Upper limit for RPD, in %.                                                                                                                                     |
| <i>Lower</i>   | Lower Recovery Limit, in % (except for LCSS, mg/Kg)                                                                                                            |
| <i>MDL</i>     | Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5).<br>Allows for instrument and annual fluctuations. |
| <i>PCN/SCN</i> | A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis                                                                 |
| <i>PQL</i>     | Practical Quantitation Limit. Synonymous with the EPA term "minimum level".                                                                                    |
| <i>QC</i>      | True Value of the Control Sample or the amount added to the Spike                                                                                              |
| <i>Rec</i>     | Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)                                                                               |
| <i>RPD</i>     | Relative Percent Difference, calculation used for Duplicate QC Types                                                                                           |
| <i>Upper</i>   | Upper Recovery Limit, in % (except for LCSS, mg/Kg)                                                                                                            |
| <i>Sample</i>  | Value of the Sample of interest                                                                                                                                |

**QC Sample Types**

|              |                                                        |              |                                              |
|--------------|--------------------------------------------------------|--------------|----------------------------------------------|
| <i>AS</i>    | Analytical Spike (Post Digestion)                      | <i>LCSWD</i> | Laboratory Control Sample - Water Duplicate  |
| <i>ASD</i>   | Analytical Spike (Post Digestion) Duplicate            | <i>LFB</i>   | Laboratory Fortified Blank                   |
| <i>CCB</i>   | Continuing Calibration Blank                           | <i>LFM</i>   | Laboratory Fortified Matrix                  |
| <i>CCV</i>   | Continuing Calibration Verification standard           | <i>LFMD</i>  | Laboratory Fortified Matrix Duplicate        |
| <i>DUP</i>   | Sample Duplicate                                       | <i>LRB</i>   | Laboratory Reagent Blank                     |
| <i>ICB</i>   | Initial Calibration Blank                              | <i>MS</i>    | Matrix Spike                                 |
| <i>ICV</i>   | Initial Calibration Verification standard              | <i>MSD</i>   | Matrix Spike Duplicate                       |
| <i>ICSAB</i> | Inter-element Correction Standard - A plus B solutions | <i>PBS</i>   | Prep Blank - Soil                            |
| <i>LCSS</i>  | Laboratory Control Sample - Soil                       | <i>PBW</i>   | Prep Blank - Water                           |
| <i>LCSSD</i> | Laboratory Control Sample - Soil Duplicate             | <i>PQV</i>   | Practical Quantitation Verification standard |
| <i>LCSW</i>  | Laboratory Control Sample - Water                      | <i>SDL</i>   | Serial Dilution                              |

**QC Sample Type Explanations**

|                         |                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------|
| Blanks                  | Verifies that there is no or minimal contamination in the prep method or calibration procedure. |
| Control Samples         | Verifies the accuracy of the method, including the prep procedure.                              |
| Duplicates              | Verifies the precision of the instrument and/or method.                                         |
| Spikes/Fortified Matrix | Determines sample matrix interferences, if any.                                                 |
| Standard                | Verifies the validity of the calibration.                                                       |

**ACZ Qualifiers (Qual)**

|   |                                                                                                                                                                                             |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.                                                                               |
| H | Analysis exceeded method hold time. pH is a field test with an immediate hold time.                                                                                                         |
| L | Target analyte response was below the laboratory defined negative threshold.                                                                                                                |
| U | The material was analyzed for, but was not detected above the level of the associated value.<br>The associated value is either the sample quantitation limit or the sample detection limit. |

**Method References**

- (1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
- (2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
- (3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
- (4) EPA SW-846. Test Methods for Evaluating Solid Waste.
- (5) Standard Methods for the Examination of Water and Wastewater.

**Comments**

- (1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
- (2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
- (3) Animal matrices for Inorganic analyses are reported on an "as received" basis.
- (4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
- (5) If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:

<https://aczk.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf>

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L51386**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

**Sulfate**

## M300.0 - Ion Chromatography

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC   | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG458375</b> |      |                |            |      |        |       |       |      |       |       |     |       |      |
| WG458375ICV     | ICV  | 10/11/18 12:48 | WI181011-1 | 50   |        | 50.8  | mg/L  | 102  | 90    | 110   |     |       |      |
| WG458375ICB     | ICB  | 10/11/18 13:05 |            |      |        | U     | mg/L  |      | -0.4  | 0.4   |     |       |      |
| <b>WG469765</b> |      |                |            |      |        |       |       |      |       |       |     |       |      |
| WG469765ICV     | ICV  | 04/03/19 17:17 | WI190404-1 | 50   |        | 51.3  | mg/L  | 103  | 90    | 110   |     |       |      |
| WG469765ICB     | ICB  | 04/03/19 17:34 |            |      |        | U     | mg/L  |      | -0.4  | 0.4   |     |       |      |
| <b>WG471689</b> |      |                |            |      |        |       |       |      |       |       |     |       |      |
| WG471689LFB1    | LFB  | 05/06/19 16:48 | WI181011-3 | 30   |        | 31.2  | mg/L  | 104  | 90    | 110   |     |       |      |
| WG471689LFB2    | LFB  | 05/07/19 1:27  | WI181011-3 | 30   |        | 32.2  | mg/L  | 107  | 90    | 110   |     |       |      |
| L51361-06DUP    | DUP  | 05/07/19 2:03  |            |      | 6550   | 6580  | mg/L  |      |       |       | 0   | 20    |      |
| L51361-07AS     | AS   | 05/07/19 3:15  | WI181011-3 | 3000 | 5650   | 8620  | mg/L  | 99   | 90    | 110   |     |       |      |
| <b>WG471813</b> |      |                |            |      |        |       |       |      |       |       |     |       |      |
| WG471813LFB1    | LFB  | 05/08/19 14:16 | WI181011-3 | 30   |        | 31    | mg/L  | 103  | 90    | 110   |     |       |      |
| L51386-02DUP    | DUP  | 05/08/19 14:52 |            |      | 1960   | 1960  | mg/L  |      |       |       | 0   | 20    |      |
| L51386-12DUP    | DUP  | 05/08/19 19:02 |            |      | 1540   | 1550  | mg/L  |      |       |       | 1   | 20    |      |
| WG471813LFB2    | LFB  | 05/08/19 22:55 | WI181011-3 | 30   |        | 31    | mg/L  | 103  | 90    | 110   |     |       |      |
| L51386-22DUP    | DUP  | 05/08/19 23:31 |            |      | 1890   | 1880  | mg/L  |      |       |       | 1   | 20    |      |
| L51386-23AS     | AS   | 05/09/19 0:43  | WI181011-3 | 30   | 25.2   | 56.9  | mg/L  | 106  | 90    | 110   |     |       |      |
| L51386-03AS     | AS   | 05/09/19 14:09 | WI181011-3 | 1500 | 1710   | 3270  | mg/L  | 104  | 90    | 110   |     |       |      |
| L51386-13AS     | AS   | 05/09/19 14:45 | WI181011-3 | 1500 | 1520   | 3100  | mg/L  | 105  | 90    | 110   |     |       |      |
| <b>WG471819</b> |      |                |            |      |        |       |       |      |       |       |     |       |      |
| WG471819ICV     | ICV  | 05/09/19 11:47 | WI190307-5 | 50   |        | 51.5  | mg/L  | 103  | 90    | 110   |     |       |      |
| WG471819ICB     | ICB  | 05/09/19 12:05 |            |      |        | U     | mg/L  |      | -0.4  | 0.4   |     |       |      |
| WG471819LFB     | LFB  | 05/09/19 17:23 | WI181011-3 | 30   |        | 30.6  | mg/L  | 102  | 90    | 110   |     |       |      |
| L51334-01DUP    | DUP  | 05/09/19 18:35 |            |      | 41.1   | 41.1  | mg/L  |      |       |       | 0   | 20    |      |
| L51386-32AS     | AS   | 05/09/19 19:11 | WI181011-3 | 30   | U      | 31.4  | mg/L  | 105  | 90    | 110   |     |       |      |

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L51386**

| ACZ ID | WORKNUM | PARAMETER | METHOD | QUAL | DESCRIPTION |
|--------|---------|-----------|--------|------|-------------|
|--------|---------|-----------|--------|------|-------------|

No extended qualifiers associated with this analysis

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L51386**

No certification qualifiers associated with this analysis



FMI Gold & Copper - Sierrita  
ZS0000079

ACZ Project ID: L51386  
Date Received: 04/26/2019 11:55  
Received By:  
Date Printed: 4/29/2019

#### Receipt Verification

|                                                                                             | YES                                 | NO                                  | NA                                  |
|---------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1) Is a foreign soil permit included for applicable samples?                                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 2) Is the Chain of Custody form or other directive shipping papers present?                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 3) Does this project require special handling procedures such as CLP protocol?              | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 4) Are any samples NRC licensable material?                                                 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5) If samples are received past hold time, proceed with requested short hold time analyses? | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 6) Is the Chain of Custody form complete and accurate?                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

#### Samples/Containers

|                                                                                         | YES                                 | NO                       | NA                                  |
|-----------------------------------------------------------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 8) Are all containers intact and with no leaks?                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 9) Are all labels on containers and are they intact and legible?                        | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 11) For preserved bottle types, was the pH checked and within limits? <sup>1</sup>      | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 12) Is there sufficient sample volume to perform all requested work?                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 13) Is the custody seal intact on all containers?                                       | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 14) Are samples that require zero headspace acceptable?                                 | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 15) Are all sample containers appropriate for analytical requirements?                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 16) Is there an Hg-1631 trip blank present?                                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17) Is there a VOA trip blank present?                                                  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 18) Were all samples received within hold time?                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

NA indicates Not Applicable

#### Chain of Custody Related Remarks

#### Client Contact Remarks

#### Shipping Containers

| Cooler Id | Temp (°C) | Temp<br>Criteria (°C) | Rad (µR/Hr) | Custody Seal<br>Intact? |
|-----------|-----------|-----------------------|-------------|-------------------------|
| 5155      | 3.8       | <=6.0                 | 14          | Yes                     |

Was ice present in the shipment container(s)?

Yes - Wet ice was present in the shipment container(s).

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

FMI Gold & Copper - Sierrita  
ZS0000079

ACZ Project ID: L51386

Date Received: 04/26/2019 11:55

Received By:

Date Printed: 4/29/2019

<sup>1</sup> The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

**Report to:**

|                                         |  |                                  |
|-----------------------------------------|--|----------------------------------|
| Name: Jeff Joy                          |  | Address: 6200 W. Duval Mine Road |
| Company: Freeport-McMoRan Sierrita Inc. |  | Green Valley, AZ 85614           |
| E-mail:jjoy@fmi.com                     |  | Telephone: 520-393-2269          |

**Copy of Report to:**

|                                 |                                            |
|---------------------------------|--------------------------------------------|
| Name: Ben Daigneau              | E-mail: bdaigneau@clearcreekassociates.com |
| Company: Clear Creek Associates | Telephone: 520-622-3222                    |

**Invoice to:**

|          |  |            |
|----------|--|------------|
| Name:    |  | Address:   |
| Company: |  |            |
| E-mail:  |  | Telephone: |

**If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?**

**YES**  
**NO**

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO"

**is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.**

**Are samples for CO DW Compliance Monitoring?**

**YES**  
**NO**

**If yes, please include state forms. Results will be reported to PQL.**

## PROJECT INFORMATION

**ANALYSES REQUESTED** (*attach list or use quote number*)

|                                                 |                                                                                                                                        |           |                 |                           |  |  |  |  |  |  |  |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------|---------------------------|--|--|--|--|--|--|--|
| Quote #:                                        |                                                                                                                                        |           | # of Containers | SO4 by EPA 300 or EPA 375 |  |  |  |  |  |  |  |
| Project/PO #: ZS0000079                         |                                                                                                                                        |           |                 |                           |  |  |  |  |  |  |  |
| Reporting state for compliance testing:         |                                                                                                                                        |           |                 |                           |  |  |  |  |  |  |  |
| Sampler's Name: Jeff Joy                        |                                                                                                                                        |           |                 |                           |  |  |  |  |  |  |  |
| Are any samples NRC licensable material? Yes No |                                                                                                                                        |           |                 |                           |  |  |  |  |  |  |  |
| SAMPLE IDENTIFICATION                           |                                                                                                                                        | DATE:TIME | Matrix          |                           |  |  |  |  |  |  |  |
| FFS-1                                           | 4/22/19 : 0958                                                                                                                         | GW        | 1               | X                         |  |  |  |  |  |  |  |
| FFS-2                                           | 4/22/19 : 1038                                                                                                                         | GW        | 1               | X                         |  |  |  |  |  |  |  |
| MC-1                                            | 4/22/19 : 1057                                                                                                                         | GW        | 1               | X                         |  |  |  |  |  |  |  |
| FFS-3                                           | 4/22/19 : 1111                                                                                                                         | GW        | 1               | X                         |  |  |  |  |  |  |  |
| FFS-4                                           | 4/22/19 : 1143                                                                                                                         | GW        | 1               | X                         |  |  |  |  |  |  |  |
| FFS-5                                           | 4/22/19 : 1155                                                                                                                         | GW        | 1               | X                         |  |  |  |  |  |  |  |
| MC-3                                            | 4/22/19 : 1220                                                                                                                         | GW        | 1               | X                         |  |  |  |  |  |  |  |
| IW-12                                           | 4/22/19 : 1348                                                                                                                         | GW        | 1               | X                         |  |  |  |  |  |  |  |
| IW-11                                           | 4/22/19 : 1400                                                                                                                         | GW        | 1               | X                         |  |  |  |  |  |  |  |
| IW-10                                           | 4/22/19 : 1416                                                                                                                         | GW        | 1               | X                         |  |  |  |  |  |  |  |
| Matrix                                          | SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify) |           |                 |                           |  |  |  |  |  |  |  |

## REMARKS

Sulfates page 1 of 4

Copy of report to Ben Daigneau contains only "SO4" results with QC Summary.

Please include copy of report to [whart@fmi.com](mailto:whart@fmi.com) and [bdorris@fmi.com](mailto:bdorris@fmi.com) 520-393-2625

UPS Tracking # 1Z 867 7E4 22 1000 470 0

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

| RELINQUISHED BY: | DATE:TIME      | RECEIVED BY: | DATE:TIME     |
|------------------|----------------|--------------|---------------|
| Jeff Joy         | 4/25/19 : 1530 | las          | 4/26/19 11:55 |
|                  |                |              |               |
|                  |                |              |               |

**2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493**

**Report to:**

|                                         |  |                                  |
|-----------------------------------------|--|----------------------------------|
| Name: Jeff Joy                          |  | Address: 6200 W. Duval Mine Road |
| Company: Freeport-McMoRan Sierrita Inc. |  | Green Valley, AZ 85614           |
| E-mail: jjoy@fmi.com                    |  | Telephone: 520-393-2269          |

**Copy of Report to:**

|                                 |                                            |
|---------------------------------|--------------------------------------------|
| Name: Ben Daigneau              | E-mail: bdaigneau@clearcreekassociates.com |
| Company: Clear Creek Associates | Telephone: 520-622-3222                    |

**Invoice to:**

|          |  |            |
|----------|--|------------|
| Name:    |  | Address:   |
| Company: |  |            |
| E-mail:  |  | Telephone: |

**If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?**

**YES**  
**NO**

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO"

**As indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.**

**Are samples for CO DW Compliance Monitoring?**

**YES**

**If yes, please include state forms. Results will be reported to PQL.**

**NO**

x

## PROJECT INFORMATION

**ANALYSES REQUESTED** (attach list or use quote number)

|                                                 |  |               |                       |  |  |  |  |  |  |
|-------------------------------------------------|--|---------------|-----------------------|--|--|--|--|--|--|
| Quote #:                                        |  | of Containers | by EPA 300 or EPA 375 |  |  |  |  |  |  |
| Project/PO #: ZS0000079                         |  |               |                       |  |  |  |  |  |  |
| Reporting state for compliance testing:         |  |               |                       |  |  |  |  |  |  |
| Sampler's Name: Jeff Joy                        |  |               |                       |  |  |  |  |  |  |
| Are any samples NRC licensable material? Yes No |  |               |                       |  |  |  |  |  |  |

| SAMPLE IDENTIFICATION | DATE:TIME      | Matrix | # | SO4 |  |  |  |  |  |  |  |  |
|-----------------------|----------------|--------|---|-----|--|--|--|--|--|--|--|--|
| IW-28                 | 4/22/19 : 1424 | GW     | 1 | X   |  |  |  |  |  |  |  |  |
| IW-29                 | 4/22/19 : 1436 | GW     | 1 | X   |  |  |  |  |  |  |  |  |
| IW-26                 | 4/23/19 : 0839 | GW     | 1 | X   |  |  |  |  |  |  |  |  |
| IW-9                  | 4/23/19 : 0843 | GW     | 1 | X   |  |  |  |  |  |  |  |  |
| IW-3A                 | 4/23/19 : 0850 | GW     | 1 | X   |  |  |  |  |  |  |  |  |
| IW-25                 | 4/23/19 : 0854 | GW     | 1 | X   |  |  |  |  |  |  |  |  |
| IW-2A                 | 4/23/19 : 0858 | GW     | 1 | X   |  |  |  |  |  |  |  |  |
| IW-1                  | 4/23/19 : 0902 | GW     | 1 | X   |  |  |  |  |  |  |  |  |
| CW-10                 | 4/24/19 : 0735 | GW     | 1 | X   |  |  |  |  |  |  |  |  |
| MO-2007-2             | 4/24/19 : 1001 | GW     | 1 | X   |  |  |  |  |  |  |  |  |

Matrix SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

## REMARKS

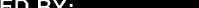
Sulfates page 2 of 4

Copy of report to Ben Daigneau contains only "SO4" results with QC Summary.

Please include copy of report to [whart@fmi.com](mailto:whart@fmi.com) and [bdorris@fmi.com](mailto:bdorris@fmi.com) 520-393-2625

UPS Tracking # 1Z 867 7E4 22 1000 470 0

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

| RELINQUISHED BY: |                                                                                     | DATE:TIME      | RECEIVED BY:                                                                         |  | DATE:TIME     |
|------------------|-------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------|--|---------------|
| Jeff Joy         |  | 4/25/19 : 1530 |  |  | 4/26/19 11:55 |
|                  |                                                                                     |                |                                                                                      |  |               |
|                  |                                                                                     |                |                                                                                      |  |               |

**ACZ Laboratories, Inc.**

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

L51386

**CHAIN of CUSTODY****Report to:**

Name: Jeff Joy

Company: Freeport-McMoRan Sierrita Inc.

E-mail: jjoy@fmi.com

Address: 6200 W. Duval Mine Road

Green Valley, AZ 85614

Telephone: 520-393-2269

**Copy of Report to:**

Name: Ben Daigneau

Company: Clear Creek Associates

E-mail: bdaigneau@clearcreekassociates.com

Telephone: 520-622-3222

**Invoice to:**

Name:

Company:

E-mail:

Address:

Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?

YES  
NO

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO"

is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.

Are samples for CO DW Compliance Monitoring?

YES  
NO

X

If yes, please include state forms. Results will be reported to PQL.

**PROJECT INFORMATION****ANALYSES REQUESTED** (attach list or use quote number)

Quote #:

Project/PO #: ZS0000079

Reporting state for compliance testing:

Sampler's Name: Jeff Joy

Are any samples NRC licensable material? Yes No

**SAMPLE IDENTIFICATION****DATE:TIME****Matrix**

# of Containers

SO4 by EPA 300 or EPA 375

HAVENGOLF

4/24/19 : 1140

GW

1

X

IW-27

4/24/19 : 1250

GW

1

X

GV-1

4/25/19 : 0759

GW

1

X

GV-2

4/25/19 : 0831

GW

1

X

SIWELL

4/25/19 : 0911

GW

1

X

DUP20190422A

4/22/19 : 0000

GW

1

X

DUP20190424A

4/24/19 : 0000

GW

1

X

DUP20190425A

4/25/19 : 0000

GW

1

X

EQB20190424A

4/24/19 : 0000

GW

1

X

EQB20190425A

4/24/19 : 0000

GW

1

X

Matrix

SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

**REMARKS**

Sulfates page 3 of 4

PLEASE FILTER "HAVENGOLF" FOR SULFATE

Copy of report to Ben Daigneau contains only "SO4" results with QC Summary.

Please include copy of report to whart@fmi.com and bdorris@fmi.com 520-393-2625

UPS Tracking # 1Z 867 7E4 22 1000 470 0

Please refer to ACZ's terms &amp; conditions located on the reverse side of this COC.

**RELINQUISHED BY:****DATE:TIME****RECEIVED BY:****DATE:TIME**

Jeff Joy

4/25/19 : 1530

LAS

4/26/19 11:55

**2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493**

**Report to:**

|                                         |                                                                                       |
|-----------------------------------------|---------------------------------------------------------------------------------------|
| Name: Jeff Joy                          | Address: 6200 W. Duval Mine Road<br>Green Valley, AZ 85614<br>Telephone: 520-393-2269 |
| Company: Freeport-McMoRan Sierrita Inc. |                                                                                       |
| E-mail: jjoy@fmi.com                    |                                                                                       |

**Copy of Report to:**

|                                 |                                            |
|---------------------------------|--------------------------------------------|
| Name: Ben Daigneau              | E-mail: bdaigneau@clearcreekassociates.com |
| Company: Clear Creek Associates | Telephone: 520-622-3222                    |

**Invoice to:**

|          |  |            |
|----------|--|------------|
| Name:    |  | Address:   |
| Company: |  |            |
| E-mail:  |  | Telephone: |

**If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?**

**YES**

**NO**

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO"

is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.

**Are samples for CO DW Compliance Monitoring?**

**YES**

**If yes, please include state forms. Results will be reported to PQL.**

**NO**

**X**

## PROJECT INFORMATION

**ANALYSES REQUESTED** (attach list or use quote number)[illegible]

| Matrix | SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify) |
|--------|----------------------------------------------------------------------------------------------------------------------------------------|
|        |                                                                                                                                        |

## REMARKS

Sulfates page 4 of 4

Copy of report to Ben Daigneau contains only "SO4" results with QC Summary.

Please include copy of report to [whart@fmi.com](mailto:whart@fmi.com) and [bdorris@fmi.com](mailto:bdorris@fmi.com) 520-393-2625

UPS Tracking # 1Z 867 7E4 22 1000 470 0

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

| RELINQUISHED BY:                                                                             | DATE:TIME      | RECEIVED BY: | DATE:TIME     |
|----------------------------------------------------------------------------------------------|----------------|--------------|---------------|
| Jeff Joy  | 4/25/19 : 1530 | (a)          | 4/26/19 11:55 |
|                                                                                              |                |              |               |
|                                                                                              |                |              |               |

May 16, 2019

## Report to:

Jeff Joy  
FMI Gold & Copper - Sierrita  
6200 W. Duval Mine Road  
Green Valley, AZ 85614

## Bill to:

Accounts Payable  
FMI Gold & Copper - Sierrita  
P.O. Box 2671  
Phoenix, AZ 85002-2671

cc: William Hart, Billiy Dorris, Ben Daigneau

Project ID: ZS0000079

ACZ Project ID: L51665

Jeff Joy:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on May 09, 2019. This project has been assigned to ACZ's project number, L51665. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L51665. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after June 15, 2019. If the samples are determined to be hazardous, additional charges apply for disposal (typically \$11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.



Scott Habermehl has reviewed  
and approved this report.



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: CW-3

ACZ Sample ID: **L51665-01**

Date Sampled: 05/07/19 06:51

Date Received: 05/09/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 76.4   |      |    | mg/L  | 0.4 | 2   | 05/15/19 0:07 | krh     |

Arizona license number: AZ0102



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: NP-2

ACZ Sample ID: **L51665-02**

Date Sampled: 05/07/19 07:42

Date Received: 05/09/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 45.0   |      |    | mg/L  | 0.4 | 2   | 05/15/19 0:25 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: CCGV

ACZ Sample ID: **L51665-03**

Date Sampled: 05/07/19 09:40

Date Received: 05/09/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 2        | 97.1   |      |    | mg/L  | 0.8 | 4   | 05/15/19 0:43 | krh     |

Arizona license number: AZ0102


**Report Header Explanations**

|                |                                                                                                                                                                |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Batch</i>   | A distinct set of samples analyzed at a specific time                                                                                                          |
| <i>Found</i>   | Value of the QC Type of interest                                                                                                                               |
| <i>Limit</i>   | Upper limit for RPD, in %.                                                                                                                                     |
| <i>Lower</i>   | Lower Recovery Limit, in % (except for LCSS, mg/Kg)                                                                                                            |
| <i>MDL</i>     | Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5).<br>Allows for instrument and annual fluctuations. |
| <i>PCN/SCN</i> | A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis                                                                 |
| <i>PQL</i>     | Practical Quantitation Limit. Synonymous with the EPA term "minimum level".                                                                                    |
| <i>QC</i>      | True Value of the Control Sample or the amount added to the Spike                                                                                              |
| <i>Rec</i>     | Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)                                                                               |
| <i>RPD</i>     | Relative Percent Difference, calculation used for Duplicate QC Types                                                                                           |
| <i>Upper</i>   | Upper Recovery Limit, in % (except for LCSS, mg/Kg)                                                                                                            |
| <i>Sample</i>  | Value of the Sample of interest                                                                                                                                |

**QC Sample Types**

|              |                                                        |              |                                              |
|--------------|--------------------------------------------------------|--------------|----------------------------------------------|
| <i>AS</i>    | Analytical Spike (Post Digestion)                      | <i>LCSWD</i> | Laboratory Control Sample - Water Duplicate  |
| <i>ASD</i>   | Analytical Spike (Post Digestion) Duplicate            | <i>LFB</i>   | Laboratory Fortified Blank                   |
| <i>CCB</i>   | Continuing Calibration Blank                           | <i>LFM</i>   | Laboratory Fortified Matrix                  |
| <i>CCV</i>   | Continuing Calibration Verification standard           | <i>LFMD</i>  | Laboratory Fortified Matrix Duplicate        |
| <i>DUP</i>   | Sample Duplicate                                       | <i>LRB</i>   | Laboratory Reagent Blank                     |
| <i>ICB</i>   | Initial Calibration Blank                              | <i>MS</i>    | Matrix Spike                                 |
| <i>ICV</i>   | Initial Calibration Verification standard              | <i>MSD</i>   | Matrix Spike Duplicate                       |
| <i>ICSAB</i> | Inter-element Correction Standard - A plus B solutions | <i>PBS</i>   | Prep Blank - Soil                            |
| <i>LCSS</i>  | Laboratory Control Sample - Soil                       | <i>PBW</i>   | Prep Blank - Water                           |
| <i>LCSSD</i> | Laboratory Control Sample - Soil Duplicate             | <i>PQV</i>   | Practical Quantitation Verification standard |
| <i>LCSW</i>  | Laboratory Control Sample - Water                      | <i>SDL</i>   | Serial Dilution                              |

**QC Sample Type Explanations**

|                         |                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------|
| Blanks                  | Verifies that there is no or minimal contamination in the prep method or calibration procedure. |
| Control Samples         | Verifies the accuracy of the method, including the prep procedure.                              |
| Duplicates              | Verifies the precision of the instrument and/or method.                                         |
| Spikes/Fortified Matrix | Determines sample matrix interferences, if any.                                                 |
| Standard                | Verifies the validity of the calibration.                                                       |

**ACZ Qualifiers (Qual)**

|   |                                                                                                                                                                                             |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.                                                                               |
| H | Analysis exceeded method hold time. pH is a field test with an immediate hold time.                                                                                                         |
| L | Target analyte response was below the laboratory defined negative threshold.                                                                                                                |
| U | The material was analyzed for, but was not detected above the level of the associated value.<br>The associated value is either the sample quantitation limit or the sample detection limit. |

**Method References**

|     |                                                                                                                |
|-----|----------------------------------------------------------------------------------------------------------------|
| (1) | EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.                               |
| (2) | EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993. |
| (3) | EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.   |
| (4) | EPA SW-846. Test Methods for Evaluating Solid Waste.                                                           |
| (5) | Standard Methods for the Examination of Water and Wastewater.                                                  |

**Comments**

|     |                                                                                                                                    |
|-----|------------------------------------------------------------------------------------------------------------------------------------|
| (1) | QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.                 |
| (2) | Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.                                        |
| (3) | Animal matrices for Inorganic analyses are reported on an "as received" basis.                                                     |
| (4) | An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result. |
| (5) | If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.                                            |

For a complete list of ACZ's Extended Qualifiers, please click:

<https://aczk.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf>

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L51665**

*NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.*

**Sulfate**

M300.0 - Ion Chromatography

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC   | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG471819</b> |      |                |            |      |        |       |       |      |       |       |     |       |      |
| WG471819ICV     | ICV  | 05/09/19 11:47 | WI190307-5 | 50   |        | 51.5  | mg/L  | 103  | 90    | 110   |     |       |      |
| WG471819ICB     | ICB  | 05/09/19 12:05 |            |      |        | U     | mg/L  |      | -0.4  | 0.4   |     |       |      |
| <b>WG472229</b> |      |                |            |      |        |       |       |      |       |       |     |       |      |
| WG472229LFB     | LFB  | 05/14/19 16:22 | WI181011-3 | 30   |        | 30.1  | mg/L  | 100  | 90    | 110   |     |       |      |
| L51644-11DUP    | DUP  | 05/14/19 21:08 |            |      | 15000  | 14900 | mg/L  |      |       |       | 1   | 20    |      |
| L51644-12AS     | AS   | 05/14/19 21:44 | WI181011-3 | 3000 | 3150   | 5980  | mg/L  | 94   | 90    | 110   |     |       |      |

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L51665**

| ACZ ID | WORKNUM | PARAMETER | METHOD | QUAL | DESCRIPTION |
|--------|---------|-----------|--------|------|-------------|
|--------|---------|-----------|--------|------|-------------|

No extended qualifiers associated with this analysis

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L51665**

No certification qualifiers associated with this analysis

FMI Gold & Copper - Sierrita  
ZS0000079

ACZ Project ID: L51665  
Date Received: 05/09/2019 13:36  
Received By:  
Date Printed: 5/10/2019

#### Receipt Verification

|                                                                                             | YES                                 | NO                                  | NA                                  |
|---------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1) Is a foreign soil permit included for applicable samples?                                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 2) Is the Chain of Custody form or other directive shipping papers present?                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 3) Does this project require special handling procedures such as CLP protocol?              | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 4) Are any samples NRC licensable material?                                                 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5) If samples are received past hold time, proceed with requested short hold time analyses? | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 6) Is the Chain of Custody form complete and accurate?                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

#### Samples/Containers

|                                                                                         | YES                                 | NO                       | NA                                  |
|-----------------------------------------------------------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 8) Are all containers intact and with no leaks?                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 9) Are all labels on containers and are they intact and legible?                        | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 11) For preserved bottle types, was the pH checked and within limits? <sup>1</sup>      | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 12) Is there sufficient sample volume to perform all requested work?                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 13) Is the custody seal intact on all containers?                                       | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 14) Are samples that require zero headspace acceptable?                                 | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 15) Are all sample containers appropriate for analytical requirements?                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 16) Is there an Hg-1631 trip blank present?                                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17) Is there a VOA trip blank present?                                                  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 18) Were all samples received within hold time?                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

NA indicates Not Applicable

#### Chain of Custody Related Remarks

#### Client Contact Remarks

#### Shipping Containers

| Cooler Id | Temp (°C) | Temp<br>Criteria (°C) | Rad (µR/Hr) | Custody Seal<br>Intact? |
|-----------|-----------|-----------------------|-------------|-------------------------|
| -----     | -----     | -----                 | -----       | -----                   |
| 6004      | 5.8       | <=6.0                 | 15          | Yes                     |

Was ice present in the shipment container(s)?

Yes - Wet ice was present in the shipment container(s).

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

FMI Gold & Copper - Sierrita  
ZS0000079

ACZ Project ID: L51665

Date Received: 05/09/2019 13:36

Received By:

Date Printed: 5/10/2019

<sup>1</sup> The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).





Laboratories, Inc.

L51665

CHAIN of CUSTODY

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Report to:

Name: Jeff Joy

Company: Freeport-McMoRan Sierrita Inc.

E-mail: jjoy@fmi.com

Address: 6200 W. Duval Mine Road

Green Valley, AZ 85614

Telephone: 520-393-2269

Copy of Report to:

Name: Ben Daigneau

Company: Clear Creek Associates

E-mail: bdaigneau@clearcreekassociates.com

Telephone: 520-622-3222

Invoice to:

Name:

Company:

E-mail:

Address:

Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?

YES

NO

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO"

is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.

Are samples for CO DW Compliance Monitoring?

YES

NO

X

If yes, please include state forms. Results will be reported to PQL.

PROJECT INFORMATION

ANALYSES REQUESTED (attach list or use quote number)

Quote #:

Project/PO #: ZS0000079

Reporting state for compliance testing:

Sampler's Name: Jeff Joy

Are any samples NRC licensable material? Yes No

SAMPLE IDENTIFICATION

DATE:TIME

Matrix

# of Containers

SO4 by EPA 300 or EPA 375

CW-3

5/7/19 : 0651

GW

1

X

NP-2

5/7/19 : 0742

GW

1

X

CCGV

5/7/19 : 0940

GW

1

X

Matrix

SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

REMARKS

Sulfates

Copy of report to Ben Daigneau contains only "SO4" results with QC Summary.

Please include copy of report to whart@fmi.com and bdorris@fmi.com 520-393-2625

UPS Tracking # 1Z 867 7E4 22 1000 467 5

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:

DATE:TIME

RECEIVED BY:

DATE:TIME

Jeff Joy

5/8/19 : 1530

5/9/19

13:36

June 05, 2019

## Report to:

Jeff Joy  
FMI Gold & Copper - Sierrita  
6200 W. Duval Mine Road  
Green Valley, AZ 85614

## Bill to:

Accounts Payable  
FMI Gold & Copper - Sierrita  
P.O. Box 2671  
Phoenix, AZ 85002-2671

cc: William Hart, Billiy Dorris

Project ID: ZS0000079

ACZ Project ID: L52016

Jeff Joy:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on May 25, 2019. This project has been assigned to ACZ's project number, L52016. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L52016. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after July 05, 2019. If the samples are determined to be hazardous, additional charges apply for disposal (typically \$11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.



Scott Habermehl has reviewed  
and approved this report.



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: MC-4

ACZ Sample ID: **L52016-01**

Date Sampled: 05/23/19 10:50

Date Received: 05/25/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 25       | 1340   |      | *  | mg/L  | 10  | 50  | 06/03/19 19:07 | mss2    |

Arizona license number: AZ0102


**Report Header Explanations**

|                |                                                                                                                                                                |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Batch</i>   | A distinct set of samples analyzed at a specific time                                                                                                          |
| <i>Found</i>   | Value of the QC Type of interest                                                                                                                               |
| <i>Limit</i>   | Upper limit for RPD, in %.                                                                                                                                     |
| <i>Lower</i>   | Lower Recovery Limit, in % (except for LCSS, mg/Kg)                                                                                                            |
| <i>MDL</i>     | Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5).<br>Allows for instrument and annual fluctuations. |
| <i>PCN/SCN</i> | A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis                                                                 |
| <i>PQL</i>     | Practical Quantitation Limit. Synonymous with the EPA term "minimum level".                                                                                    |
| <i>QC</i>      | True Value of the Control Sample or the amount added to the Spike                                                                                              |
| <i>Rec</i>     | Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)                                                                               |
| <i>RPD</i>     | Relative Percent Difference, calculation used for Duplicate QC Types                                                                                           |
| <i>Upper</i>   | Upper Recovery Limit, in % (except for LCSS, mg/Kg)                                                                                                            |
| <i>Sample</i>  | Value of the Sample of interest                                                                                                                                |

**QC Sample Types**

|              |                                                        |              |                                              |
|--------------|--------------------------------------------------------|--------------|----------------------------------------------|
| <i>AS</i>    | Analytical Spike (Post Digestion)                      | <i>LCSWD</i> | Laboratory Control Sample - Water Duplicate  |
| <i>ASD</i>   | Analytical Spike (Post Digestion) Duplicate            | <i>LFB</i>   | Laboratory Fortified Blank                   |
| <i>CCB</i>   | Continuing Calibration Blank                           | <i>LFM</i>   | Laboratory Fortified Matrix                  |
| <i>CCV</i>   | Continuing Calibration Verification standard           | <i>LFMD</i>  | Laboratory Fortified Matrix Duplicate        |
| <i>DUP</i>   | Sample Duplicate                                       | <i>LRB</i>   | Laboratory Reagent Blank                     |
| <i>ICB</i>   | Initial Calibration Blank                              | <i>MS</i>    | Matrix Spike                                 |
| <i>ICV</i>   | Initial Calibration Verification standard              | <i>MSD</i>   | Matrix Spike Duplicate                       |
| <i>ICSAB</i> | Inter-element Correction Standard - A plus B solutions | <i>PBS</i>   | Prep Blank - Soil                            |
| <i>LCSS</i>  | Laboratory Control Sample - Soil                       | <i>PBW</i>   | Prep Blank - Water                           |
| <i>LCSSD</i> | Laboratory Control Sample - Soil Duplicate             | <i>PQV</i>   | Practical Quantitation Verification standard |
| <i>LCSW</i>  | Laboratory Control Sample - Water                      | <i>SDL</i>   | Serial Dilution                              |

**QC Sample Type Explanations**

|                         |                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------|
| Blanks                  | Verifies that there is no or minimal contamination in the prep method or calibration procedure. |
| Control Samples         | Verifies the accuracy of the method, including the prep procedure.                              |
| Duplicates              | Verifies the precision of the instrument and/or method.                                         |
| Spikes/Fortified Matrix | Determines sample matrix interferences, if any.                                                 |
| Standard                | Verifies the validity of the calibration.                                                       |

**ACZ Qualifiers (Qual)**

|   |                                                                                                                                                                                             |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.                                                                               |
| H | Analysis exceeded method hold time. pH is a field test with an immediate hold time.                                                                                                         |
| L | Target analyte response was below the laboratory defined negative threshold.                                                                                                                |
| U | The material was analyzed for, but was not detected above the level of the associated value.<br>The associated value is either the sample quantitation limit or the sample detection limit. |

**Method References**

- (1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
- (2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
- (3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
- (4) EPA SW-846. Test Methods for Evaluating Solid Waste.
- (5) Standard Methods for the Examination of Water and Wastewater.

**Comments**

- (1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
- (2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
- (3) Animal matrices for Inorganic analyses are reported on an "as received" basis.
- (4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
- (5) If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:

<https://aczk.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf>

**FMI Gold & Copper - Sierrita**ACZ Project ID: **L52016**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

**Sulfate**

## M300.0 - Ion Chromatography

| ACZ ID          | Type | Analyzed       | PCN/SCN     | QC  | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|-------------|-----|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG473605</b> |      |                |             |     |        |       |       |      |       |       |     |       |      |
| WG473605ICV     | ICV  | 05/31/19 12:17 | WI190530-11 | 50  |        | 51    | mg/L  | 102  | 90    | 110   |     |       |      |
| WG473605ICB     | ICB  | 05/31/19 12:35 |             |     |        | U     | mg/L  |      | -0.4  | 0.4   |     |       |      |
| WG473605LFB     | LFB  | 06/03/19 18:14 | WI190520-1  | 30  |        | 30.7  | mg/L  | 102  | 90    | 110   |     |       |      |
| L51986-04DUP    | DUP  | 06/03/19 18:50 |             |     | 1470   | 1460  | mg/L  |      |       |       | 1   | 20    |      |
| L52016-01AS     | AS   | 06/03/19 19:25 | WI190520-1  | 750 | 1340   | 2070  | mg/L  | 97   | 90    | 110   |     |       |      |

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L52016**

| ACZ ID    | WORKNUM  | PARAMETER | METHOD                      | QUAL | DESCRIPTION                                        |
|-----------|----------|-----------|-----------------------------|------|----------------------------------------------------|
| L52016-01 | WG473605 | Sulfate   | M300.0 - Ion Chromatography | Q6   | Sample was received above recommended temperature. |


**Report Header Explanations**

|                |                                                                                                                                                               |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Batch</i>   | A distinct set of samples analyzed at a specific time                                                                                                         |
| <i>Found</i>   | Value of the QC Type of interest                                                                                                                              |
| <i>Limit</i>   | Upper limit for RPD, in %.                                                                                                                                    |
| <i>Lower</i>   | Lower Recovery Limit, in % (except for LCSS, mg/Kg)                                                                                                           |
| <i>LCL</i>     | Lower Control Limit                                                                                                                                           |
| <i>MDL</i>     | Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #4)<br>Allows for instrument and annual fluctuations. |
| <i>PCN/SCN</i> | A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis                                                                |
| <i>PQL</i>     | Practical Quantitation Limit. Synonymous with the EPA term "minimum level".                                                                                   |
| <i>QC</i>      | True Value of the Control Sample or the amount added to the Spike                                                                                             |
| <i>Rec</i>     | Amount of the true value or spike added recovered, in % (except for LCSS, mg/Kg)                                                                              |
| <i>RPD</i>     | Relative Percent Difference, calculation used for Duplicate QC Types                                                                                          |
| <i>Upper</i>   | Upper Recovery Limit, in % (except for LCSS, mg/Kg)                                                                                                           |
| <i>UCL</i>     | Upper Control Limit                                                                                                                                           |
| <i>Sample</i>  | Value of the Sample of interest                                                                                                                               |

**QC Sample Types**

|             |                                             |               |                                       |
|-------------|---------------------------------------------|---------------|---------------------------------------|
| <i>SURR</i> | Surrogate                                   | <i>LFB</i>    | Laboratory Fortified Blank            |
| <i>INTS</i> | Internal Standard                           | <i>LFM</i>    | Laboratory Fortified Matrix           |
| <i>AS</i>   | Analytical Spike (Post Digestion)           | <i>LFMD</i>   | Laboratory Fortified Matrix Duplicate |
| <i>ASD</i>  | Analytical Spike (Post Digestion) Duplicate | <i>LRB</i>    | Laboratory Reagent Blank              |
| <i>DUP</i>  | Sample Duplicate                            | <i>MS/MSD</i> | Matrix Spike/Matrix Spike Duplicate   |
| <i>LCSS</i> | Laboratory Control Sample - Soil            | <i>PBS</i>    | Prep Blank - Soil                     |
| <i>LCSW</i> | Laboratory Control Sample - Water           | <i>PBW</i>    | Prep Blank - Water                    |

**QC Sample Type Explanations**

|                         |                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------|
| Blanks                  | Verifies that there is no or minimal contamination in the prep method or calibration procedure. |
| Control Samples         | Verifies the accuracy of the method, including the prep procedure.                              |
| Duplicates              | Verifies the precision of the instrument and/or method.                                         |
| Spikes/Fortified Matrix | Determines sample matrix interferences, if any.                                                 |

**ACZ Qualifiers (Qual)**

|   |                                                                                                                                                                                             |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| O | Analyte concentration is estimated due to result exceeding calibration range.                                                                                                               |
| H | Analysis exceeded method hold time. pH is a field test with an immediate hold time.                                                                                                         |
| J | Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.                                                                               |
| L | Target analyte response was below the laboratory defined negative threshold.                                                                                                                |
| U | The material was analyzed for, but was not detected above the level of the associated value.<br>The associated value is either the sample quantitation limit or the sample detection limit. |

**Method References**

- (1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
- (2) EPA 600/4-90/020. Methods for the Determination of Organic Compounds in Drinking Water (I), July 1990.
- (3) EPA 600/R-92/129. Methods for the Determination of Organic Compounds in Drinking Water (II), July 1990.
- (4) EPA SW-846. Test Methods for Evaluating Solid Waste.
- (5) Standard Methods for the Examination of Water and Wastewater.

**Comments**

- (1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
- (2) Excluding Oil & Grease, solid & biological matrices for organic analyses are reported on a wet weight basis.
- (3) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
- (4) If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:

<https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf>

**Report Header Explanations**

|                   |                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------|
| <i>Batch</i>      | A distinct set of samples analyzed at a specific time                                          |
| <i>Error(+/-)</i> | Calculated sample specific uncertainty                                                         |
| <i>Found</i>      | Value of the QC Type of interest                                                               |
| <i>Limit</i>      | Upper limit for RPD, in %.                                                                     |
| <i>LCL</i>        | Lower Control Limit, in % (except for LCSS, mg/Kg)                                             |
| <i>LLD</i>        | Calculated sample specific Lower Limit of Detection                                            |
| <i>PCN/SCN</i>    | A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis |
| <i>PQL</i>        | Practical Quantitation Limit                                                                   |
| <i>QC</i>         | True Value of the Control Sample or the amount added to the Spike                              |
| <i>Rec</i>        | Amount of the true value or spike added recovered, in % (except for LCSS, mg/Kg)               |
| <i>RER</i>        | Relative Error Ratio, calculation used for Dup. QC taking into account the error factor.       |
| <i>RPD</i>        | Relative Percent Difference, calculation used for Duplicate QC Types                           |
| <i>UCL</i>        | Upper Control Limit, in % (except for LCSS, mg/Kg)                                             |
| <i>Sample</i>     | Value of the Sample of interest                                                                |

**QC Sample Types**

|             |                                   |               |                                     |
|-------------|-----------------------------------|---------------|-------------------------------------|
| <i>DUP</i>  | Sample Duplicate                  | <i>MS/MSD</i> | Matrix Spike/Matrix Spike Duplicate |
| <i>LCSS</i> | Laboratory Control Sample - Soil  | <i>PBS</i>    | Prep Blank - Soil                   |
| <i>LCSW</i> | Laboratory Control Sample - Water | <i>PBW</i>    | Prep Blank - Water                  |

**QC Sample Type Explanations**

|                 |                                                                                  |
|-----------------|----------------------------------------------------------------------------------|
| Blanks          | Verifies that there is no or minimal contamination in the prep method procedure. |
| Control Samples | Verifies the accuracy of the method, including the prep procedure.               |
| Duplicates      | Verifies the precision of the instrument and/or method.                          |
| Matrix Spikes   | Determines sample matrix interferences, if any.                                  |

**ACZ Qualifiers (Qual)**

|   |                                     |
|---|-------------------------------------|
| H | Analysis exceeded method hold time. |
|---|-------------------------------------|

**Method Prefix Reference**

|     |                                                               |
|-----|---------------------------------------------------------------|
| M   | EPA methodology, including those under SDWA, CWA, and RCRA    |
| SM  | Standard Methods for the Examination of Water and Wastewater. |
| D   | ASTM                                                          |
| RP  | DOE                                                           |
| ESM | DOE/ESM                                                       |

**Comments**

- (1) Solid matrices are reported on a dry weight basis.
- (2) Preparation method: "Method" indicates preparation defined in analytical method.
- (3) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
- (4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

For a complete list of ACZ's Extended Qualifiers, please click:

<https://aczk.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf>



**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L52016**

No certification qualifiers associated with this analysis

June 28, 2019

## Report to:

Jeff Joy  
FMI Gold & Copper - Sierrita  
6200 W. Duval Mine Road  
Green Valley, AZ 85614

## Bill to:

Accounts Payable  
FMI Gold & Copper - Sierrita  
P.O. Box 2671  
Phoenix, AZ 85002-2671

cc: William Hart, Billiy Dorris, Ben Daigneau

Project ID: ZS0000079

ACZ Project ID: L52447

Jeff Joy:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on June 13, 2019. This project has been assigned to ACZ's project number, L52447. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L52447. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after July 28, 2019. If the samples are determined to be hazardous, additional charges apply for disposal (typically \$11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.



Scott Habermehl has reviewed  
and approved this report.



**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: ESP-4

ACZ Sample ID: **L52447-01**

Date Sampled: 06/12/19 10:51

Date Received: 06/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 10       | 222    |      |    | mg/L  | 4   | 20  | 06/21/19 21:57 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: ESP-2

ACZ Sample ID: **L52447-02**

Date Sampled: 06/12/19 11:54

Date Received: 06/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 32.7   |      |    | mg/L  | 0.4 | 2   | 06/21/19 22:15 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: ESP-3

ACZ Sample ID: **L52447-03**

Date Sampled: 06/12/19 12:38

Date Received: 06/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 38.4   |      |    | mg/L  | 0.4 | 2   | 06/21/19 22:33 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: DUP20190612A

ACZ Sample ID: **L52447-04**

Date Sampled: 06/12/19 00:00

Date Received: 06/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        | 38.4   |      |    | mg/L  | 0.4 | 2   | 06/21/19 22:51 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: EQB20190612A

ACZ Sample ID: **L52447-05**

Date Sampled: 06/12/19 00:00

Date Received: 06/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        |        | U    |    | mg/L  | 0.4 | 2   | 06/21/19 23:44 | krh     |

Arizona license number: AZ0102

**FMI Gold & Copper - Sierrita**

Project ID: ZS0000079

Sample ID: FB20190612A

ACZ Sample ID: **L52447-06**

Date Sampled: 06/12/19 00:00

Date Received: 06/13/19

Sample Matrix: Groundwater

Wet Chemistry

| Parameter | EPA Method                  | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date          | Analyst |
|-----------|-----------------------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Sulfate   | M300.0 - Ion Chromatography | 1        |        | U    |    | mg/L  | 0.4 | 2   | 06/22/19 0:02 | krh     |

Arizona license number: AZ0102




**Report Header Explanations**

|                |                                                                                                                                                                |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Batch</i>   | A distinct set of samples analyzed at a specific time                                                                                                          |
| <i>Found</i>   | Value of the QC Type of interest                                                                                                                               |
| <i>Limit</i>   | Upper limit for RPD, in %.                                                                                                                                     |
| <i>Lower</i>   | Lower Recovery Limit, in % (except for LCSS, mg/Kg)                                                                                                            |
| <i>MDL</i>     | Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5).<br>Allows for instrument and annual fluctuations. |
| <i>PCN/SCN</i> | A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis                                                                 |
| <i>PQL</i>     | Practical Quantitation Limit. Synonymous with the EPA term "minimum level".                                                                                    |
| <i>QC</i>      | True Value of the Control Sample or the amount added to the Spike                                                                                              |
| <i>Rec</i>     | Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)                                                                               |
| <i>RPD</i>     | Relative Percent Difference, calculation used for Duplicate QC Types                                                                                           |
| <i>Upper</i>   | Upper Recovery Limit, in % (except for LCSS, mg/Kg)                                                                                                            |
| <i>Sample</i>  | Value of the Sample of interest                                                                                                                                |

**QC Sample Types**

|              |                                                        |              |                                              |
|--------------|--------------------------------------------------------|--------------|----------------------------------------------|
| <i>AS</i>    | Analytical Spike (Post Digestion)                      | <i>LCSWD</i> | Laboratory Control Sample - Water Duplicate  |
| <i>ASD</i>   | Analytical Spike (Post Digestion) Duplicate            | <i>LFB</i>   | Laboratory Fortified Blank                   |
| <i>CCB</i>   | Continuing Calibration Blank                           | <i>LFM</i>   | Laboratory Fortified Matrix                  |
| <i>CCV</i>   | Continuing Calibration Verification standard           | <i>LFMD</i>  | Laboratory Fortified Matrix Duplicate        |
| <i>DUP</i>   | Sample Duplicate                                       | <i>LRB</i>   | Laboratory Reagent Blank                     |
| <i>ICB</i>   | Initial Calibration Blank                              | <i>MS</i>    | Matrix Spike                                 |
| <i>ICV</i>   | Initial Calibration Verification standard              | <i>MSD</i>   | Matrix Spike Duplicate                       |
| <i>ICSAB</i> | Inter-element Correction Standard - A plus B solutions | <i>PBS</i>   | Prep Blank - Soil                            |
| <i>LCSS</i>  | Laboratory Control Sample - Soil                       | <i>PBW</i>   | Prep Blank - Water                           |
| <i>LCSSD</i> | Laboratory Control Sample - Soil Duplicate             | <i>PQV</i>   | Practical Quantitation Verification standard |
| <i>LCSW</i>  | Laboratory Control Sample - Water                      | <i>SDL</i>   | Serial Dilution                              |

**QC Sample Type Explanations**

|                         |                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------|
| Blanks                  | Verifies that there is no or minimal contamination in the prep method or calibration procedure. |
| Control Samples         | Verifies the accuracy of the method, including the prep procedure.                              |
| Duplicates              | Verifies the precision of the instrument and/or method.                                         |
| Spikes/Fortified Matrix | Determines sample matrix interferences, if any.                                                 |
| Standard                | Verifies the validity of the calibration.                                                       |

**ACZ Qualifiers (Qual)**

|   |                                                                                                                                                                                             |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.                                                                               |
| H | Analysis exceeded method hold time. pH is a field test with an immediate hold time.                                                                                                         |
| L | Target analyte response was below the laboratory defined negative threshold.                                                                                                                |
| U | The material was analyzed for, but was not detected above the level of the associated value.<br>The associated value is either the sample quantitation limit or the sample detection limit. |

**Method References**

- (1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
- (2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
- (3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
- (4) EPA SW-846. Test Methods for Evaluating Solid Waste.
- (5) Standard Methods for the Examination of Water and Wastewater.

**Comments**

- (1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
- (2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
- (3) Animal matrices for Inorganic analyses are reported on an "as received" basis.
- (4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
- (5) If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:

<https://aczk.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf>

**FMI Gold & Copper - Sierrita**ACZ Project ID: **L52447**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

**Sulfate**

## M300.0 - Ion Chromatography

| ACZ ID          | Type | Analyzed       | PCN/SCN     | QC | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|-------------|----|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG473605</b> |      |                |             |    |        |       |       |      |       |       |     |       |      |
| WG473605ICV     | ICV  | 05/31/19 12:17 | WI190530-11 | 50 |        | 51    | mg/L  | 102  | 90    | 110   |     |       |      |
| WG473605ICB     | ICB  | 05/31/19 12:35 |             |    |        | U     | mg/L  |      | -0.4  | 0.4   |     |       |      |
| <b>WG475119</b> |      |                |             |    |        |       |       |      |       |       |     |       |      |
| WG475119LFB     | LFB  | 06/21/19 16:52 | WI190520-1  | 30 |        | 31    | mg/L  | 103  | 90    | 110   |     |       |      |
| L52449-02AS     | AS   | 06/22/19 0:56  | WI190520-1  | 30 | 24.9   | 55.1  | mg/L  | 101  | 90    | 110   |     |       |      |
| L52449-02DUP    | DUP  | 06/22/19 1:14  |             |    | 24.9   | 24.9  | mg/L  |      |       |       | 0   | 20    |      |

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L52447**

| ACZ ID | WORKNUM | PARAMETER | METHOD | QUAL | DESCRIPTION |
|--------|---------|-----------|--------|------|-------------|
|--------|---------|-----------|--------|------|-------------|

No extended qualifiers associated with this analysis

**FMI Gold & Copper - Sierrita**

ACZ Project ID: **L52447**

No certification qualifiers associated with this analysis

FMI Gold & Copper - Sierrita  
ZS0000079

ACZ Project ID: L52447  
Date Received: 06/13/2019 12:22  
Received By:  
Date Printed: 6/14/2019

#### Receipt Verification

|                                                                                             | YES                                 | NO                                  | NA                                  |
|---------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1) Is a foreign soil permit included for applicable samples?                                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 2) Is the Chain of Custody form or other directive shipping papers present?                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 3) Does this project require special handling procedures such as CLP protocol?              | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 4) Are any samples NRC licensable material?                                                 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5) If samples are received past hold time, proceed with requested short hold time analyses? | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 6) Is the Chain of Custody form complete and accurate?                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

#### Samples/Containers

|                                                                                         | YES                                 | NO                       | NA                                  |
|-----------------------------------------------------------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 8) Are all containers intact and with no leaks?                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 9) Are all labels on containers and are they intact and legible?                        | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 11) For preserved bottle types, was the pH checked and within limits? <sup>1</sup>      | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 12) Is there sufficient sample volume to perform all requested work?                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 13) Is the custody seal intact on all containers?                                       | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 14) Are samples that require zero headspace acceptable?                                 | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 15) Are all sample containers appropriate for analytical requirements?                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 16) Is there an Hg-1631 trip blank present?                                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17) Is there a VOA trip blank present?                                                  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 18) Were all samples received within hold time?                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

NA indicates Not Applicable

#### Chain of Custody Related Remarks

#### Client Contact Remarks

#### Shipping Containers

| Cooler Id | Temp (°C) | Temp<br>Criteria (°C) | Rad (µR/Hr) | Custody Seal<br>Intact? |
|-----------|-----------|-----------------------|-------------|-------------------------|
| 6358      | 1.4       | <=6.0                 | 13          | Yes                     |

Was ice present in the shipment container(s)?

Yes - Wet ice was present in the shipment container(s).

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

FMI Gold & Copper - Sierrita  
ZS0000079

ACZ Project ID: L52447

Date Received: 06/13/2019 12:22

Received By:

Date Printed: 6/14/2019

<sup>1</sup> The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).

**Laboratories, Inc.**

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

**CHAIN of CUSTODY****Report to:**

Name: Jeff Joy

Company: Freeport-McMoRan Sierrita Inc.

E-mail: jjoy@fmi.com

Address: 6200 W. Duval Mine Road

Green Valley, AZ 85614

Telephone: 520-393-2269

**Copy of Report to:**

Name: Ben Daigneau

Company: Clear Creek Associates

E-mail: bdaigneau@clearcreekassociates.com

Telephone: 520-622-3222

**Invoice to:**

Name:

Company:

E-mail:

Address:

Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?

YES

NO

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO"

is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.

Are samples for CO DW Compliance Monitoring?

YES

NO

X

If yes, please include state forms. Results will be reported to PQL.

**PROJECT INFORMATION****ANALYSES REQUESTED (attach list or use quote number)**

Quote #:

Project/PO #: ZS0000079

Reporting state for compliance testing:

Sampler's Name: Jeff Joy

Are any samples NRC licensable material? Yes No

| SAMPLE IDENTIFICATION |  | DATE:TIME      | Matrix | # of Containers | SO4 by EPA 300 or EPA 375 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------|--|----------------|--------|-----------------|---------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| ESP-4                 |  | 6/12/19 : 1051 | GW     | 1               | X                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ESP-2                 |  | 6/12/19 : 1154 | GW     | 1               | X                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ESP-3                 |  | 6/12/19 : 1238 | GW     | 1               | X                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DUP20190612A          |  | 6/12/19 : 0000 | GW     | 1               | X                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EQB20190612A          |  | 6/12/19 : 0000 | GW     | 1               | X                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FB20190612A           |  | 6/12/19 : 0000 | GW     | 1               | X                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                       |  |                |        |                 |                           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                       |  |                |        |                 |                           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                       |  |                |        |                 |                           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                       |  |                |        |                 |                           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                       |  |                |        |                 |                           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Matrix SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

**REMARKS**

Sulfates

Copy of report to Ben Daigneau contains only "SO4" results with QC Summary.

Please include copy of report to whart@fmi.com and bdorris@fmi.com 520-393-2625

UPS Tracking # 1Z 867 7E4 22 1000 503 0

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

| RELINQUISHED BY: |  | DATE:TIME      | RECEIVED BY: |  | DATE:TIME                   |
|------------------|--|----------------|--------------|--|-----------------------------|
| Jeff Joy         |  | 6/12/19 : 1530 |              |  | 6/13/19 8 12:22<br>06/13/19 |
|                  |  |                |              |  |                             |
|                  |  |                |              |  |                             |

FRMAD050.01.15.09

White - Return with sample.

Yellow - Retain for your records.

L52447-1906280854

Page 14 of 14

L52447 Chain of Custody



August 29, 2019

Bill Hart  
Freeport McMoran Sierrita Ops  
6200 W. Duval Mine Rd., PO Box 527  
Green Valley, AZ 85622

TEL (520) 393-2014  
FAX (520) 648-8608

Work Order No.: 19G0546

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 13 sample(s) on 07/18/2019 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.  
ADHS License AZ0066

A handwritten signature in blue ink, which appears to read "Elizabeth Kasik", is positioned above the printed name.

Elizabeth Kasik  
Laboratory Director



Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19G0546  
Date Received: 07/18/2019

Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix       | Collection Date/Time |
|---------------|------------------|--------------|----------------------|
|               |                  |              |                      |
| 19G0546-03    | MO-2007-3C       | Ground Water | 07/17/2019 1125      |
| 19G0546-04    | MO-2007-3B       | Ground Water | 07/17/2019 1317      |
| 19G0546-05    | MO-2007-4C       | Ground Water | 07/18/2019 0914      |
| 19G0546-06    | MO-2007-4B       | Ground Water | 07/18/2019 1104      |
| 19G0546-07    | MO-2007-4A       | Ground Water | 07/18/2019 1144      |
|               |                  |              |                      |
| 19G0546-13    | DUP20190718A     | Ground Water | 07/18/2019 0000      |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19G0546  
**Date Received:** 07/18/2019

**Case Narrative**

---

E4 Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.

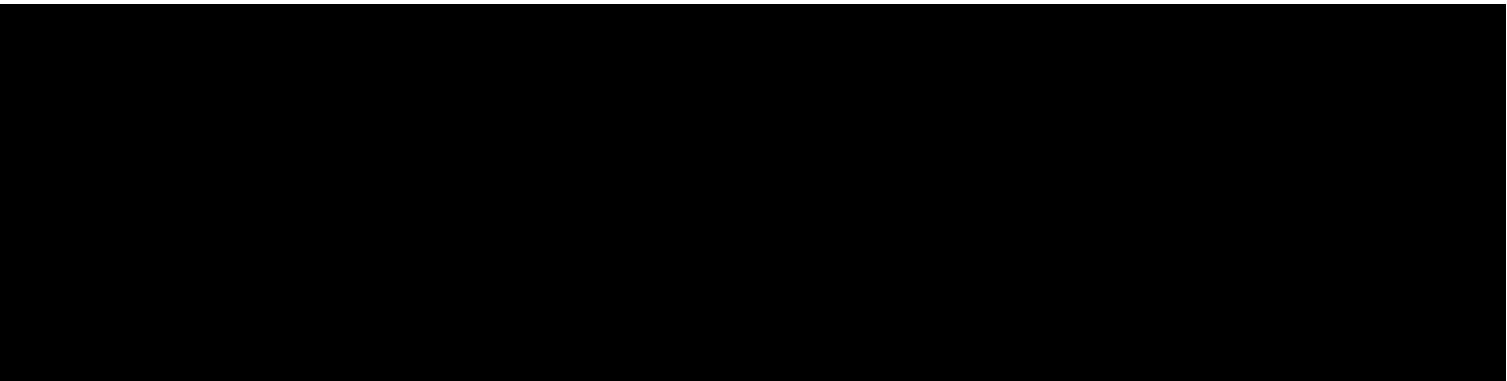
M2 Matrix spike recovery was low; the associated LCS/LCSD was acceptable.

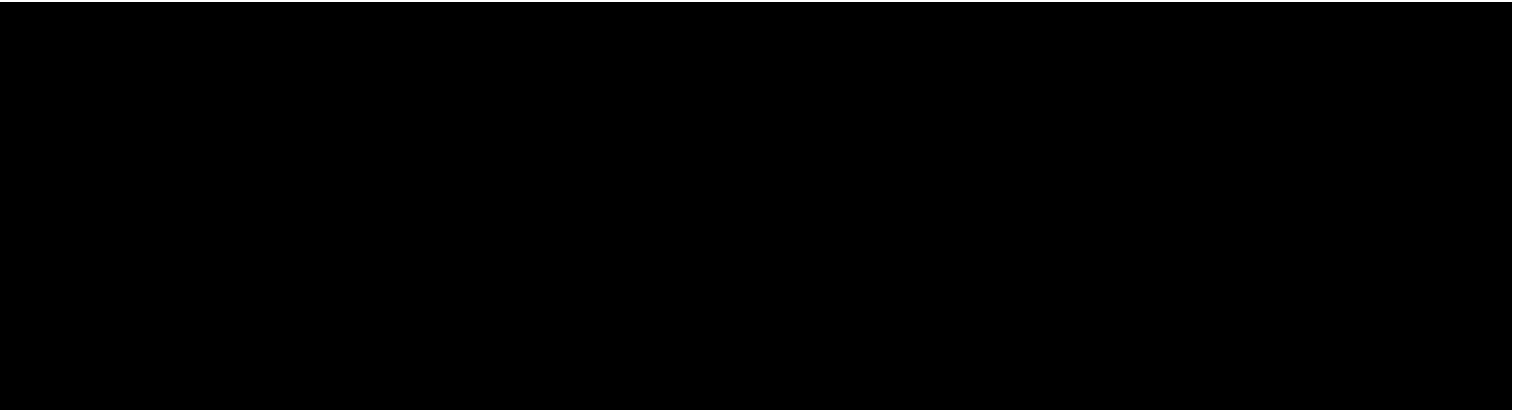
All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND Not Detected at or above the PQL

PQL Practical Quantitation Limit

DF Dilution Factor





Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19G0546  
Lab Sample ID: 19G0546-03

Client Sample ID: MO-2007-3C  
Collection Date/Time: 07/17/2019 1125  
Matrix: Ground Water

| Analyses                                  | Result | MDL | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|-----|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |     |      |      |       |    |                 |                 |         |
| Sulfate                                   | 37.5   |     | 10.0 |      | mg/L  | 2  | 07/29/2019 1247 | 08/02/2019 1538 | MH      |

Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19G0546  
Lab Sample ID: 19G0546-04

Client Sample ID: MO-2007-3B  
Collection Date/Time: 07/17/2019 1317  
Matrix: Ground Water

| Analyses                                  | Result | MDL   | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|-------|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |       |      |      |       |    |                 |                 |         |
| Sulfate                                   | 4.70   | 0.260 | 5.00 | E4   | mg/L  | 1  | 07/31/2019 1700 | 08/02/2019 1557 | MH      |

Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19G0546  
Lab Sample ID: 19G0546-05

Client Sample ID: MO-2007-4C  
Collection Date/Time: 07/18/2019 0914  
Matrix: Ground Water

| Analyses                                  | Result | MDL | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|-----|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |     |      |      |       |    |                 |                 |         |
| Sulfate                                   | 63.2   |     | 25.0 |      | mg/L  | 5  | 07/31/2019 1700 | 08/02/2019 1616 | MH      |

Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19G0546  
Lab Sample ID: 19G0546-06

Client Sample ID: MO-2007-4B  
Collection Date/Time: 07/18/2019 1104  
Matrix: Ground Water

| Analyses                                  | Result | MDL | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|-----|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |     |      |      |       |    |                 |                 |         |
| Sulfate                                   | 36.3   |     | 5.00 |      | mg/L  | 1  | 07/31/2019 1700 | 08/02/2019 1635 | MH      |

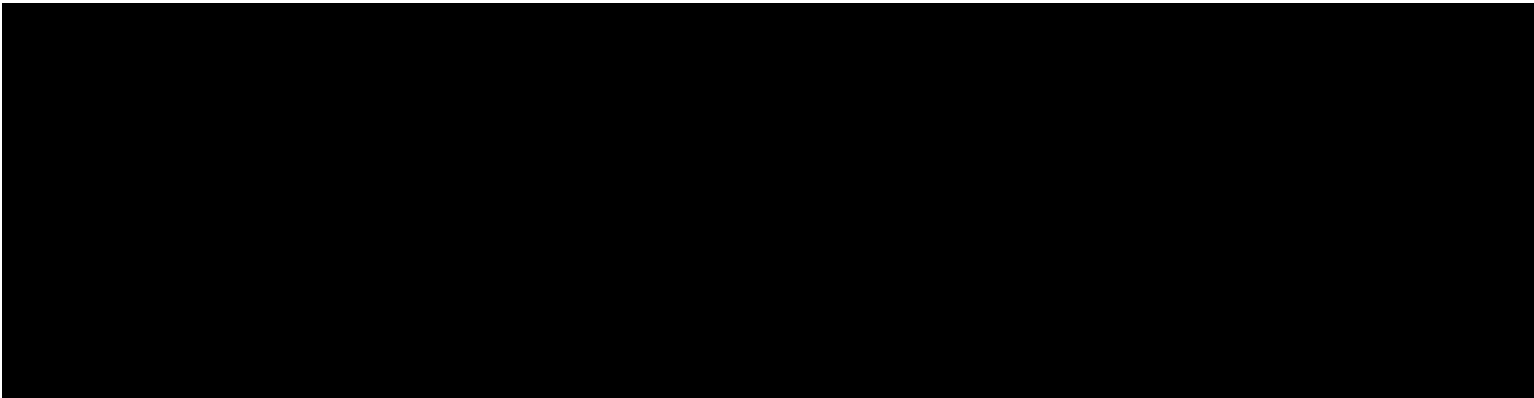


Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19G0546  
Lab Sample ID: 19G0546-07

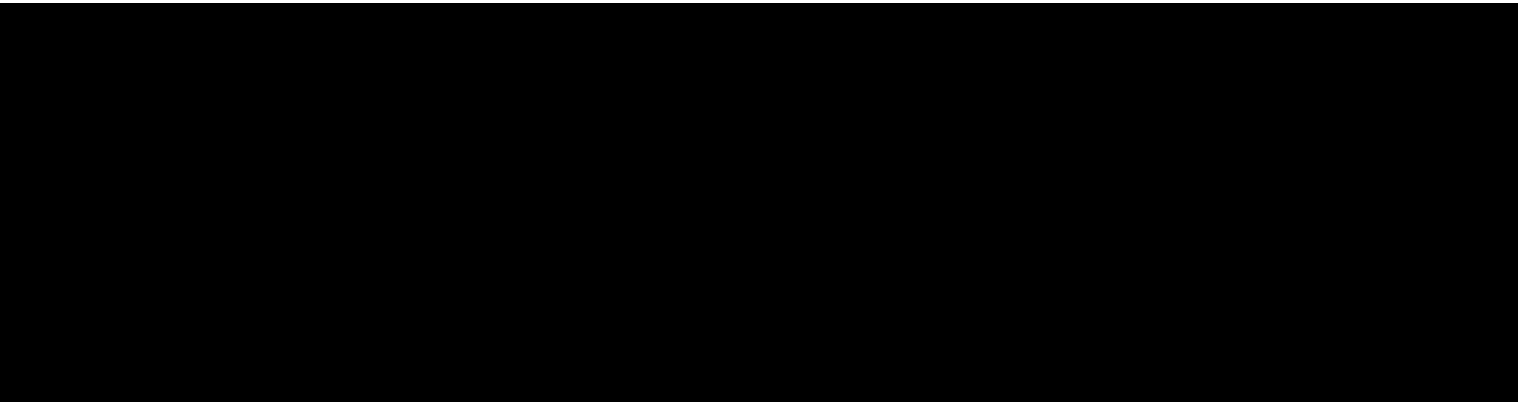
Client Sample ID: MO-2007-4A  
Collection Date/Time: 07/18/2019 1144  
Matrix: Ground Water

| Analyses                                  | Result | MDL | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|-----|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |     |      |      |       |    |                 |                 |         |
| Sulfate                                   | 35.5   |     | 10.0 |      | mg/L  | 2  | 07/31/2019 1700 | 08/02/2019 1654 | MH      |











Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19G0546  
Lab Sample ID: 19G0546-13

Client Sample ID: DUP20190718A  
Collection Date/Time: 07/18/2019 0000  
Matrix: Ground Water

| Analyses                                  | Result | MDL | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|-----|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |     |      |      |       |    |                 |                 |         |
| Sulfate                                   | 35.8   |     | 5.00 |      | mg/L  | 1  | 08/02/2019 1654 | 08/02/2019 2039 | MH      |

Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19G0546  
Date Received: 07/18/2019

QC Summary

| Analyte                         | Result | Reporting Limit       | Units | Spike Level                               | Source Result | %REC | %REC Limits | RPD | RPD Limit | Qual |
|---------------------------------|--------|-----------------------|-------|-------------------------------------------|---------------|------|-------------|-----|-----------|------|
| Batch 1907239 - E300.0 (2.1)    |        |                       |       |                                           |               |      |             |     |           |      |
| Blank (1907239-BLK1)            |        |                       |       | Prepared & Analyzed: 07/19/2019           |               |      |             |     |           |      |
| Sulfate                         | ND     | 5.00                  | mg/L  |                                           |               |      |             |     |           |      |
| LCS (1907239-BS1)               |        |                       |       | Prepared & Analyzed: 07/19/2019           |               |      |             |     |           |      |
| Sulfate                         | 11     | 5.00                  | mg/L  | 12.50                                     |               | 90   | 90-110      |     |           |      |
| LCS Dup (1907239-BSD1)          |        |                       |       | Prepared & Analyzed: 07/19/2019           |               |      |             |     |           |      |
| Sulfate                         | 11     | 5.00                  | mg/L  | 12.50                                     |               | 91   | 90-110      | 1   | 10        |      |
| Matrix Spike (1907239-MS1)      |        | Source: 19G0551-01    |       | Prepared & Analyzed: 07/19/2019           |               |      |             |     |           |      |
| Sulfate                         | 14     | 5.00                  | mg/L  | 12.50                                     | 3.4           | 84   | 80-120      |     |           |      |
| Matrix Spike (1907239-MS3)      |        | Source: 19G0516-20    |       | Prepared: 07/19/2019 Analyzed: 07/20/2019 |               |      |             |     |           |      |
| Sulfate                         | 2700   | 500                   | mg/L  | 1250                                      | 1900          | 65   | 80-120      |     |           | M2   |
| Matrix Spike (1907239-MS4)      |        | Source: 19G0516-21    |       | Prepared: 07/19/2019 Analyzed: 07/20/2019 |               |      |             |     |           |      |
| Sulfate                         | 2800   | 500                   | mg/L  | 1250                                      | 1900          | 75   | 80-120      |     |           | M2   |
| Matrix Spike (1907239-MS5)      |        | Source: 19G0516-37RE1 |       | Prepared & Analyzed: 07/26/2019           |               |      |             |     |           |      |
| Sulfate                         | 24     |                       | mg/L  | 12.50                                     |               | 196  | 80-120      |     |           |      |
| Matrix Spike Dup (1907239-MSD1) |        | Source: 19G0551-01    |       | Prepared & Analyzed: 07/19/2019           |               |      |             |     |           |      |
| Sulfate                         | 14     | 5.00                  | mg/L  | 12.50                                     | 3.4           | 82   | 80-120      | 2   | 10        |      |
| Matrix Spike Dup (1907239-MSD3) |        | Source: 19G0516-20    |       | Prepared: 07/19/2019 Analyzed: 07/20/2019 |               |      |             |     |           |      |
| Sulfate                         | 2800   | 500                   | mg/L  | 1250                                      | 1900          | 69   | 80-120      | 2   | 10        | M2   |
| Matrix Spike Dup (1907239-MSD4) |        | Source: 19G0516-21    |       | Prepared: 07/19/2019 Analyzed: 07/20/2019 |               |      |             |     |           |      |
| Sulfate                         | 2800   | 500                   | mg/L  | 1250                                      | 1900          | 74   | 80-120      | 0.6 | 10        | M2   |
| Matrix Spike Dup (1907239-MSD5) |        | Source: 19G0516-37RE1 |       | Prepared & Analyzed: 07/26/2019           |               |      |             |     |           |      |
| Sulfate                         | 27     |                       | mg/L  | 12.50                                     |               | 216  | 80-120      | 10  | 10        |      |
| Batch 1907330 - E300.0 (2.1)    |        |                       |       |                                           |               |      |             |     |           |      |
| Blank (1907330-BLK1)            |        |                       |       | Prepared & Analyzed: 07/26/2019           |               |      |             |     |           |      |
| Sulfate                         | ND     | 5.00                  | mg/L  |                                           |               |      |             |     |           |      |
| LCS (1907330-BS1)               |        |                       |       | Prepared & Analyzed: 07/26/2019           |               |      |             |     |           |      |
| Sulfate                         | 12     | 5.00                  | mg/L  | 12.50                                     |               | 96   | 90-110      |     |           |      |
| LCS Dup (1907330-BSD1)          |        |                       |       | Prepared & Analyzed: 07/26/2019           |               |      |             |     |           |      |
| Sulfate                         | 12     | 5.00                  | mg/L  | 12.50                                     |               | 98   | 90-110      | 2   | 10        |      |
| Matrix Spike (1907330-MS1)      |        | Source: 19G0599-03    |       | Prepared & Analyzed: 07/26/2019           |               |      |             |     |           |      |
| Sulfate                         | 40     |                       | mg/L  | 12.50                                     | 26            | 109  | 80-120      |     |           |      |
| Matrix Spike (1907330-MS2)      |        | Source: 19G0546-02    |       | Prepared: 07/29/2019 Analyzed: 08/01/2019 |               |      |             |     |           |      |
| Sulfate                         | 17     |                       | mg/L  | 12.50                                     | 5.3           | 95   | 80-120      |     |           |      |
| Matrix Spike Dup (1907330-MSD1) |        | Source: 19G0599-03    |       | Prepared & Analyzed: 07/26/2019           |               |      |             |     |           |      |
| Sulfate                         | 40     |                       | mg/L  | 12.50                                     | 26            | 111  | 80-120      | 0.4 | 10        |      |



Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19G0546  
Date Received: 07/18/2019

QC Summary

| Analyte                         | Result | Reporting Limit                 | Units | Spike Level                               | Source Result | %REC | %REC Limits | RPD | RPD Limit | Qual |
|---------------------------------|--------|---------------------------------|-------|-------------------------------------------|---------------|------|-------------|-----|-----------|------|
| Batch 1907330 - E300.0 (2.1)    |        |                                 |       |                                           |               |      |             |     |           |      |
| Matrix Spike Dup (1907330-MSD2) |        | Source: 19G0546-02              |       | Prepared: 07/29/2019 Analyzed: 08/01/2019 |               |      |             |     |           |      |
| Sulfate                         | 17     |                                 | mg/L  | 12.50                                     | 5.3           | 95   | 80-120      | 0.1 | 10        |      |
| Batch 1907369 - E300.0 (2.1)    |        |                                 |       |                                           |               |      |             |     |           |      |
| Blank (1907369-BLK1)            |        | Prepared & Analyzed: 07/30/2019 |       |                                           |               |      |             |     |           |      |
| Sulfate                         | ND     | 5.00                            | mg/L  |                                           |               |      |             |     |           |      |
| LCS (1907369-BS1)               |        | Prepared & Analyzed: 07/30/2019 |       |                                           |               |      |             |     |           |      |
| Sulfate                         | 13     | 5.00                            | mg/L  | 12.50                                     |               | 103  | 90-110      |     |           |      |
| LCS Dup (1907369-BSD1)          |        | Prepared & Analyzed: 07/30/2019 |       |                                           |               |      |             |     |           |      |
| Sulfate                         | 13     | 5.00                            | mg/L  | 12.50                                     |               | 107  | 90-110      | 4   | 10        |      |
| Matrix Spike (1907369-MS3)      |        | Source: 19G0750-02RE1           |       | Prepared & Analyzed: 07/30/2019           |               |      |             |     |           |      |
| Sulfate                         | 20     |                                 | mg/L  | 12.50                                     | 6.7           | 104  | 80-120      |     |           |      |
| Matrix Spike Dup (1907369-MSD3) |        | Source: 19G0750-02RE1           |       | Prepared & Analyzed: 07/30/2019           |               |      |             |     |           |      |
| Sulfate                         | 20     |                                 | mg/L  | 12.50                                     | 6.7           | 104  | 80-120      | 0.4 | 10        |      |
| Batch 1907384 - E300.0 (2.1)    |        |                                 |       |                                           |               |      |             |     |           |      |
| Blank (1907384-BLK1)            |        | Prepared & Analyzed: 07/31/2019 |       |                                           |               |      |             |     |           |      |
| Sulfate                         | ND     | 5.00                            | mg/L  |                                           |               |      |             |     |           |      |
| LCS (1907384-BS1)               |        | Prepared & Analyzed: 07/31/2019 |       |                                           |               |      |             |     |           |      |
| Sulfate                         | 13     | 5.00                            | mg/L  | 12.50                                     |               | 107  | 90-110      |     |           |      |
| LCS Dup (1907384-BSD1)          |        | Prepared & Analyzed: 07/31/2019 |       |                                           |               |      |             |     |           |      |
| Sulfate                         | 13     | 5.00                            | mg/L  | 12.50                                     |               | 107  | 90-110      | 0.1 | 10        |      |
| Matrix Spike (1907384-MS1)      |        | Source: 19G0758-01              |       | Prepared: 07/31/2019 Analyzed: 08/01/2019 |               |      |             |     |           |      |
| Sulfate                         | 20     | 5.00                            | mg/L  | 12.50                                     | 8.5           | 90   | 80-120      |     |           |      |
| Matrix Spike Dup (1907384-MSD1) |        | Source: 19G0758-01              |       | Prepared: 07/31/2019 Analyzed: 08/01/2019 |               |      |             |     |           |      |
| Sulfate                         | 20     | 5.00                            | mg/L  | 12.50                                     | 8.5           | 95   | 80-120      | 3   | 10        |      |
| Batch 1908021 - E300.0 (2.1)    |        |                                 |       |                                           |               |      |             |     |           |      |
| Blank (1908021-BLK1)            |        | Prepared & Analyzed: 08/02/2019 |       |                                           |               |      |             |     |           |      |
| Sulfate                         | ND     | 5.00                            | mg/L  |                                           |               |      |             |     |           |      |
| LCS (1908021-BS1)               |        | Prepared & Analyzed: 08/02/2019 |       |                                           |               |      |             |     |           |      |
| Sulfate                         | 13     | 5.00                            | mg/L  | 12.50                                     |               | 104  | 90-110      |     |           |      |
| LCS Dup (1908021-BSD1)          |        | Prepared & Analyzed: 08/02/2019 |       |                                           |               |      |             |     |           |      |
| Sulfate                         | 13     | 5.00                            | mg/L  | 12.50                                     |               | 104  | 90-110      | 0.2 | 10        |      |
| Matrix Spike (1908021-MS1)      |        | Source: 19G0546-11              |       | Prepared & Analyzed: 08/02/2019           |               |      |             |     |           |      |
| Sulfate                         | 13     | 5.00                            | mg/L  | 12.50                                     | 1.5           | 91   | 80-120      |     |           |      |
| Matrix Spike Dup (1908021-MSD1) |        | Source: 19G0546-11              |       | Prepared & Analyzed: 08/02/2019           |               |      |             |     |           |      |
| Sulfate                         | 13     | 5.00                            | mg/L  | 12.50                                     | 1.5           | 93   | 80-120      | 2   | 10        |      |



TURNER WORK ORDER # ZS000009UC DATE: 7/18/19 PAGE 1 OF 2

Page 19 of 20





19G0546

TURNER WORK ORDER # ZS000009UC DATE: 7/18/19 PAGE 2 OF 2

Page 20 of 20



August 29, 2019

Bill Hart  
Freeport McMoran Sierrita Ops  
6200 W. Duval Mine Rd., PO Box 527  
Green Valley, AZ 85622

TEL (520) 393-2014  
FAX (520) 648-8608

Work Order No.: 19G0755

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 5 sample(s) on 07/30/2019 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.  
ADHS License AZ0066

A handwritten signature in blue ink, which appears to read "Elizabeth Kasik", is positioned above the printed name.

Elizabeth Kasik  
Laboratory Director

Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19G0755  
Date Received: 07/30/2019

Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix       | Collection Date/Time |
|---------------|------------------|--------------|----------------------|
| 19G0755-01    | GV-1             | Ground Water | 07/30/2019 0717      |
| 19G0755-02    | GV-2             | Ground Water | 07/30/2019 0752      |
| 19G0755-03    | MO-2007-6B       | Ground Water | 07/30/2019 1012      |
| 19G0755-04    | MO-2007-6A       | Ground Water | 07/30/2019 1108      |
| 19G0755-05    | MO-2009-1        | Ground Water | 07/30/2019 1334      |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19G0755  
**Date Received:** 07/30/2019

**Case Narrative**

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All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND Not Detected at or above the PQL

PQL Practical Quantitation Limit

DF Dilution Factor

Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19G0755  
Lab Sample ID: 19G0755-01

Client Sample ID: GV-1  
Collection Date/Time: 07/30/2019 0717  
Matrix: Ground Water

| Analyses                                  | Result | MDL | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|-----|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |     |      |      |       |    |                 |                 |         |
| Sulfate                                   | 22.5   |     | 5.00 |      | mg/L  | 1  | 08/14/2019 1620 | 08/15/2019 0337 | EJ      |

Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19G0755  
Lab Sample ID: 19G0755-02

Client Sample ID: GV-2  
Collection Date/Time: 07/30/2019 0752  
Matrix: Ground Water

| Analyses                                  | Result | MDL | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|-----|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |     |      |      |       |    |                 |                 |         |
| Sulfate                                   | 45.0   |     | 5.00 |      | mg/L  | 1  | 08/14/2019 1620 | 08/15/2019 0356 | EJ      |



Client:

Freeport McMoran Sierrita Ops

Project:

Sulfate Analysis

Work Order:

19G0755

Lab Sample ID:

19G0755-03

Client Sample ID:

MO-2007-6B

Collection Date/Time:

07/30/2019 1012

Matrix:

Ground Water

| Analyses                                  | Result | MDL | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|-----|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |     |      |      |       |    |                 |                 |         |
| Sulfate                                   | 47.6   |     | 5.00 |      | mg/L  | 1  | 08/14/2019 1620 | 08/15/2019 0414 | EJ      |

Client:Freeport McMoran Sierrita Ops

Project:Sulfate Analysis

Work Order:19G0755

Lab Sample ID:19G0755-04

Client Sample ID: MO-2007-6A

Collection Date/Time: 07/30/2019 1108

Matrix: Ground Water

| Analyses                                  | Result | MDL | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|-----|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |     |      |      |       |    |                 |                 |         |
| Sulfate                                   | 9.51   |     | 5.00 |      | mg/L  | 1  | 08/14/2019 1620 | 08/15/2019 0433 | EJ      |

Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19G0755  
Lab Sample ID: 19G0755-05

Client Sample ID: MO-2009-1  
Collection Date/Time: 07/30/2019 1334  
Matrix: Ground Water

| Analyses                                  | Result | MDL | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|-----|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |     |      |      |       |    |                 |                 |         |
| Sulfate                                   | 136    |     | 50.0 |      | mg/L  | 10 | 08/13/2019 1645 | 08/14/2019 0700 | EJ      |

Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19G0755  
Date Received: 07/30/2019

QC Summary

| Analyte                         | Result | Reporting Limit | Units | Spike Level                                                     | Source Result | %REC | %REC Limits | RPD | RPD Limit | Qual |
|---------------------------------|--------|-----------------|-------|-----------------------------------------------------------------|---------------|------|-------------|-----|-----------|------|
| Batch 1908148 - E300.0 (2.1)    |        |                 |       |                                                                 |               |      |             |     |           |      |
| Blank (1908148-BLK1)            |        |                 |       | Prepared & Analyzed: 08/13/2019                                 |               |      |             |     |           |      |
| Sulfate                         | ND     | 5.00            | mg/L  |                                                                 |               |      |             |     |           |      |
| LCS (1908148-BS1)               |        |                 |       | Prepared & Analyzed: 08/13/2019                                 |               |      |             |     |           |      |
| Sulfate                         | 12     | 5.00            | mg/L  | 12.50                                                           |               | 98   | 90-110      |     |           |      |
| LCS Dup (1908148-BSD1)          |        |                 |       | Prepared & Analyzed: 08/13/2019                                 |               |      |             |     |           |      |
| Sulfate                         | 12     | 5.00            | mg/L  | 12.50                                                           |               | 99   | 90-110      | 0.8 | 10        |      |
| Matrix Spike (1908148-MS1)      |        |                 |       | Source: 19H0343-01 Prepared & Analyzed: 08/13/2019              |               |      |             |     |           |      |
| Sulfate                         | 14     | 5.00            | mg/L  | 12.50                                                           | 2.2           | 91   | 80-120      |     |           |      |
| Matrix Spike (1908148-MS3)      |        |                 |       | Source: 19H0359-01RE1 Prepared: 08/13/2019 Analyzed: 08/15/2019 |               |      |             |     |           |      |
| Sulfate                         | 3300   | 500             | mg/L  | 1250                                                            | 2100          | 95   | 80-120      |     |           |      |
| Matrix Spike Dup (1908148-MSD1) |        |                 |       | Source: 19H0343-01 Prepared & Analyzed: 08/13/2019              |               |      |             |     |           |      |
| Sulfate                         | 14     | 5.00            | mg/L  | 12.50                                                           | 2.2           | 92   | 80-120      | 0.6 | 10        |      |
| Matrix Spike Dup (1908148-MSD3) |        |                 |       | Source: 19H0359-01RE1 Prepared: 08/13/2019 Analyzed: 08/15/2019 |               |      |             |     |           |      |
| Sulfate                         | 3400   | 500             | mg/L  | 1250                                                            | 2100          | 98   | 80-120      | 1   | 10        |      |



196-0755

TURNER WORK ORDER # ZS000009UC DATE: 7/30/19 PAGE 1 OF 1

Turnerlab 7/30/19 1654



August 29, 2019

Bill Hart  
Freeport McMoran Sierrita Ops  
6200 W. Duval Mine Rd., PO Box 527  
Green Valley, AZ 85622

TEL (520) 393-2014  
FAX (520) 648-8608

Work Order No.: 19H0444

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 3 sample(s) on 08/15/2019 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.  
ADHS License AZ0066

Elizabeth Kasik  
Laboratory Director

Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19H0444  
Date Received: 08/15/2019

Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix       | Collection Date/Time |
|---------------|------------------|--------------|----------------------|
| 19H0444-01    | NP-2             | Ground Water | 08/13/2019 0850      |
| 19H0444-02    | CW-9             | Ground Water | 08/14/2019 0802      |
| 19H0444-03    | DUP20190814A     | Ground Water | 08/14/2019 0000      |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19H0444  
**Date Received:** 08/15/2019

**Case Narrative**

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All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND Not Detected at or above the PQL

PQL Practical Quantitation Limit

DF Dilution Factor



Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19H0444  
Lab Sample ID: 19H0444-01

Client Sample ID: NP-2  
Collection Date/Time: 08/13/2019 0850  
Matrix: Ground Water

| Analyses                                  | Result | MDL | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|-----|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |     |      |      |       |    |                 |                 |         |
| Sulfate                                   | 43.2   |     | 5.00 |      | mg/L  | 1  | 08/16/2019 1550 | 08/16/2019 1928 | EJ      |

Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19H0444  
Lab Sample ID: 19H0444-02

Client Sample ID: CW-9  
Collection Date/Time: 08/14/2019 0802  
Matrix: Ground Water

| Analyses                                  | Result | MDL | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|-----|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |     |      |      |       |    |                 |                 |         |
| Sulfate                                   | 50.4   |     | 10.0 |      | mg/L  | 2  | 08/19/2019 1700 | 08/19/2019 2037 | EJ      |

Client:Freeport McMoran Sierrita Ops

Project:Sulfate Analysis

Work Order:19H0444

Lab Sample ID:19H0444-03

Client Sample ID: DUP20190814A

Collection Date/Time: 08/14/2019 0000

Matrix: Ground Water

| Analyses                                  | Result | MDL | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|-----|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |     |      |      |       |    |                 |                 |         |
| Sulfate                                   | 50.1   |     | 10.0 |      | mg/L  | 2  | 08/19/2019 1700 | 08/19/2019 2056 | EJ      |

Client: Freeport McMoran Sierrita Ops  
Project: Sulfate Analysis  
Work Order: 19H0444  
Date Received: 08/15/2019

QC Summary

| Analyte                         | Result | Reporting Limit | Units | Spike Level                     | Source Result | %REC                                      | %REC Limits | RPD | RPD Limit | Qual |
|---------------------------------|--------|-----------------|-------|---------------------------------|---------------|-------------------------------------------|-------------|-----|-----------|------|
| Batch 1908216 - E300.0 (2.1)    |        |                 |       |                                 |               |                                           |             |     |           |      |
| Blank (1908216-BLK1)            |        |                 |       | Prepared & Analyzed: 08/16/2019 |               |                                           |             |     |           |      |
| Sulfate                         | ND     | 5.00            | mg/L  |                                 |               |                                           |             |     |           |      |
| LCS (1908216-BS1)               |        |                 |       | Prepared & Analyzed: 08/16/2019 |               |                                           |             |     |           |      |
| Sulfate                         | 12     | 5.00            | mg/L  | 12.50                           |               | 98                                        | 90-110      |     |           |      |
| LCS Dup (1908216-BSD1)          |        |                 |       | Prepared & Analyzed: 08/16/2019 |               |                                           |             |     |           |      |
| Sulfate                         | 12     | 5.00            | mg/L  | 12.50                           |               | 99                                        | 90-110      | 0.4 | 10        |      |
| Matrix Spike (1908216-MS2)      |        |                 |       | Source: 19H0472-01              |               | Prepared: 08/16/2019 Analyzed: 08/17/2019 |             |     |           |      |
| Sulfate                         | 190    | 50.0            | mg/L  | 125.0                           | 80            | 92                                        | 80-120      |     |           |      |
| Matrix Spike (1908216-MS3)      |        |                 |       | Source: 19H0318-01              |               | Prepared: 08/16/2019 Analyzed: 08/19/2019 |             |     |           |      |
| Sulfate                         | 16     | 5.00            | mg/L  | 12.50                           | 4.4           | 93                                        | 80-120      |     |           |      |
| Matrix Spike Dup (1908216-MSD2) |        |                 |       | Source: 19H0472-01              |               | Prepared: 08/16/2019 Analyzed: 08/17/2019 |             |     |           |      |
| Sulfate                         | 190    | 50.0            | mg/L  | 125.0                           | 80            | 91                                        | 80-120      | 0.6 | 10        |      |
| Matrix Spike Dup (1908216-MSD3) |        |                 |       | Source: 19H0318-01              |               | Prepared: 08/16/2019 Analyzed: 08/19/2019 |             |     |           |      |
| Sulfate                         | 16     | 5.00            | mg/L  | 12.50                           | 4.4           | 93                                        | 80-120      | 0.6 | 10        |      |



19H10444

TURNER WORK ORDER # ZS000009UC DATE: 8/14/19 PAGE 1 OF 1

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September 05, 2019

Bill Hart  
Freeport McMoran Sierrita Ops  
6200 W. Duval Mine Rd., PO Box 527  
Green Valley, AZ 85622

TEL (520) 393-2014  
FAX (520) 648-8608

Work Order No.: 19I0121

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 1 sample(s) on 09/04/2019 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.  
ADHS License AZ0066

Elizabeth Kasik  
Laboratory Director

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0121  
**Date Received:** 09/04/2019

**Work Order Sample Summary**

---

| <b>Lab Sample ID</b> | <b>Client Sample ID</b> | <b>Matrix</b> | <b>Collection Date/Time</b> |
|----------------------|-------------------------|---------------|-----------------------------|
| 19I0121-01           | MO-2009-1               | Ground Water  | 09/04/2019 1529             |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0121  
**Date Received:** 09/04/2019

**Case Narrative**

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All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND Not Detected at or above the PQL

PQL Practical Quantitation Limit

DF Dilution Factor



## Turner Laboratories, Inc.

Date: 09/05/2019

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0121  
**Lab Sample ID:** 19I0121-01

**Client Sample ID:** MO-2009-1  
**Collection Date/Time:** 09/04/2019 1529  
**Matrix:** Ground Water

| Analyses                                  | Result | MDL  | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|------|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |      |      |      |       |    |                 |                 |         |
| Sulfate                                   | 118    | 7.50 | 25.0 |      | mg/L  | 5  | 09/04/2019 1645 | 09/04/2019 1658 | EJ      |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0121  
**Date Received:** 09/04/2019

**QC Summary**

| Analyte                                | Result | Reporting<br>Limit | Units | Spike<br>Level                  | Source<br>Result | %REC<br>Limits                  | RPD    | RPD<br>Limit | Qual |
|----------------------------------------|--------|--------------------|-------|---------------------------------|------------------|---------------------------------|--------|--------------|------|
| <b>Batch 1909021 - E300.0 (2.1)</b>    |        |                    |       |                                 |                  |                                 |        |              |      |
| <b>Blank (1909021-BLK1)</b>            |        |                    |       | Prepared & Analyzed: 09/04/2019 |                  |                                 |        |              |      |
| Sulfate                                | ND     | 5.00               | mg/L  |                                 |                  |                                 |        |              |      |
| <b>LCS (1909021-BS1)</b>               |        |                    |       | Prepared & Analyzed: 09/04/2019 |                  |                                 |        |              |      |
| Sulfate                                | 13     | 5.00               | mg/L  | 12.50                           |                  | 102                             | 90-110 |              |      |
| <b>LCS Dup (1909021-BSD1)</b>          |        |                    |       | Prepared & Analyzed: 09/04/2019 |                  |                                 |        |              |      |
| Sulfate                                | 13     | 5.00               | mg/L  | 12.50                           |                  | 101                             | 90-110 | 0.09         | 10   |
| <b>Matrix Spike (1909021-MS3)</b>      |        |                    |       | <b>Source: 19I0104-01</b>       |                  | Prepared & Analyzed: 09/04/2019 |        |              |      |
| Sulfate                                | 34     | 5.00               | mg/L  | 12.50                           | 22               | 97                              | 80-120 |              |      |
| <b>Matrix Spike Dup (1909021-MSD3)</b> |        |                    |       | <b>Source: 19I0104-01</b>       |                  | Prepared & Analyzed: 09/04/2019 |        |              |      |
| Sulfate                                | 34     | 5.00               | mg/L  | 12.50                           | 22               | 99                              | 80-120 | 0.6          | 10   |

## CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # 19I0121 DATE 4/9/19 PAGE 1 OF 1

[illegible]



September 16, 2019

Bill Hart  
Freeport McMoran Sierrita Ops  
6200 W. Duval Mine Rd., PO Box 527  
Green Valley, AZ 85622

TEL (520) 393-2014  
FAX (520) 648-8608

Work Order No.: 19I0195

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 2 sample(s) on 09/06/2019 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.  
ADHS License AZ0066

Elizabeth Kasik  
Laboratory Director

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0195  
**Date Received:** 09/06/2019

**Work Order Sample Summary**

---

| <b>Lab Sample ID</b> | <b>Client Sample ID</b> | <b>Matrix</b> | <b>Collection Date/Time</b> |
|----------------------|-------------------------|---------------|-----------------------------|
| 19I0195-01           | MO-2007-6B              | Ground Water  | 09/06/2019 1248             |
| 19I0195-02           | MO-2007-6A              | Ground Water  | 09/06/2019 1351             |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0195  
**Date Received:** 09/06/2019

**Case Narrative**

---

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND Not Detected at or above the PQL

PQL Practical Quantitation Limit

DF Dilution Factor

## Turner Laboratories, Inc.

Date: 09/16/2019

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0195  
**Lab Sample ID:** 19I0195-01

**Client Sample ID:** MO-2007-6B  
**Collection Date/Time:** 09/06/2019 1248  
**Matrix:** Ground Water

| Analyses                                  | Result | MDL  | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|------|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |      |      |      |       |    |                 |                 |         |
| Sulfate                                   | 48.1   | 3.00 | 10.0 |      | mg/L  | 2  | 09/09/2019 1720 | 09/10/2019 0251 | EJ      |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0195  
**Lab Sample ID:** 19I0195-02

**Client Sample ID:** MO-2007-6A  
**Collection Date/Time:** 09/06/2019 1351  
**Matrix:** Ground Water

| Analyses                                  | Result | MDL  | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|------|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |      |      |      |       |    |                 |                 |         |
| Sulfate                                   | 27.9   | 1.50 | 5.00 |      | mg/L  | 1  | 09/06/2019 1700 | 09/06/2019 2242 | EJ      |



**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0195  
**Date Received:** 09/06/2019

**QC Summary**

| Analyte                                | Result | Reporting Limit | Units | Spike Level                     | Source Result | %REC                                      | %REC Limits | RPD  | RPD Limit | Qual |
|----------------------------------------|--------|-----------------|-------|---------------------------------|---------------|-------------------------------------------|-------------|------|-----------|------|
| <b>Batch 1909062 - E300.0 (2.1)</b>    |        |                 |       |                                 |               |                                           |             |      |           |      |
| <b>Blank (1909062-BLK1)</b>            |        |                 |       | Prepared & Analyzed: 09/06/2019 |               |                                           |             |      |           |      |
| Sulfate                                | ND     | 5.00            | mg/L  |                                 |               |                                           |             |      |           |      |
| <b>LCS (1909062-BS1)</b>               |        |                 |       | Prepared & Analyzed: 09/06/2019 |               |                                           |             |      |           |      |
| Sulfate                                | 13     | 5.00            | mg/L  | 12.50                           |               | 101                                       | 90-110      |      |           |      |
| <b>LCS Dup (1909062-BSD1)</b>          |        |                 |       | Prepared & Analyzed: 09/06/2019 |               |                                           |             |      |           |      |
| Sulfate                                | 13     | 5.00            | mg/L  | 12.50                           |               | 102                                       | 90-110      | 0.5  | 10        |      |
| <b>Matrix Spike (1909062-MS1)</b>      |        |                 |       | <b>Source: 19I0191-02</b>       |               | Prepared: 09/06/2019 Analyzed: 09/10/2019 |             |      |           |      |
| Sulfate                                | 50     | 5.00            | mg/L  | 12.50                           | 39            | 87                                        | 80-120      |      |           |      |
| <b>Matrix Spike (1909062-MS3)</b>      |        |                 |       | <b>Source: 19I0193-02</b>       |               | Prepared: 09/06/2019 Analyzed: 09/09/2019 |             |      |           |      |
| Sulfate                                | 42     | 5.00            | mg/L  | 12.50                           | 31            | 88                                        | 80-120      |      |           |      |
| <b>Matrix Spike Dup (1909062-MSD1)</b> |        |                 |       | <b>Source: 19I0191-02</b>       |               | Prepared: 09/06/2019 Analyzed: 09/10/2019 |             |      |           |      |
| Sulfate                                | 49     | 5.00            | mg/L  | 12.50                           | 39            | 87                                        | 80-120      | 0.02 | 10        |      |
| <b>Matrix Spike Dup (1909062-MSD3)</b> |        |                 |       | <b>Source: 19I0193-02</b>       |               | Prepared: 09/06/2019 Analyzed: 09/09/2019 |             |      |           |      |
| Sulfate                                | 42     | 5.00            | mg/L  | 12.50                           | 31            | 88                                        | 80-120      | 0.2  | 10        |      |



1970195

TURNER WORK ORDER # ZS000009UC DATE: 9/5/19 PAGE 1 OF 1

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September 16, 2019

Bill Hart  
Freeport McMoran Sierrita Ops  
6200 W. Duval Mine Rd., PO Box 527  
Green Valley, AZ 85622

TEL (520) 393-2014  
FAX (520) 648-8608

Work Order No.: 19I0366

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 11 sample(s) on 09/12/2019 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.  
ADHS License AZ0066

Elizabeth Kasik  
Laboratory Director

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0366  
**Date Received:** 09/12/2019

**Work Order Sample Summary**

| Lab Sample ID | Client Sample ID | Matrix       | Collection Date/Time |
|---------------|------------------|--------------|----------------------|
| 19I0366-01    | MO-2007-4C       | Ground Water | 09/09/2019 1046      |
| 19I0366-02    | MO-2007-4B       | Ground Water | 09/09/2019 1224      |
| 19I0366-03    | MO-2007-4A       | Ground Water | 09/09/2019 1325      |
| 19I0366-04    | MO-2007-5C       | Ground Water | 09/10/2019 1033      |
| 19I0366-05    | MO-2007-5B       | Ground Water | 09/10/2019 1333      |
| 19I0366-06    | ESP-4            | Ground Water | 09/12/2019 0832      |
| 19I0366-07    | ESP-2            | Ground Water | 09/12/2019 1006      |
| 19I0366-08    | ESP-3            | Ground Water | 09/12/2019 1120      |
| 19I0366-09    | DUP20190909A     | Ground Water | 09/09/2019 0000      |
| 19I0366-10    | EQB20190909A     | Ground Water | 09/09/2019 0000      |
| 19I0366-11    | FB20190909A      | Ground Water | 09/09/2019 0000      |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0366  
**Date Received:** 09/12/2019

**Case Narrative**

---

E8 Analyte reported to MDL per project specification. Target analyte was not detected in the sample.

M1 Matrix spike recovery was high; the associated LCS/LCSD was acceptable.

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND Not Detected at or above the PQL

PQL Practical Quantitation Limit

DF Dilution Factor

## Turner Laboratories, Inc.

Date: 09/16/2019

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0366  
**Lab Sample ID:** 19I0366-01

**Client Sample ID:** MO-2007-4C  
**Collection Date/Time:** 09/09/2019 1046  
**Matrix:** Ground Water

| Analyses                                  | Result | MDL  | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|------|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |      |      |      |       |    |                 |                 |         |
| Sulfate                                   | 86.5   | 7.50 | 25.0 |      | mg/L  | 5  | 09/13/2019 1445 | 09/13/2019 1455 | EJ      |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0366  
**Lab Sample ID:** 19I0366-02

**Client Sample ID:** MO-2007-4B  
**Collection Date/Time:** 09/09/2019 1224  
**Matrix:** Ground Water

| Analyses                                  | Result | MDL  | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|------|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |      |      |      |       |    |                 |                 |         |
| Sulfate                                   | 46.2   | 1.50 | 5.00 |      | mg/L  | 1  | 09/12/2019 1705 | 09/13/2019 0318 | EJ      |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0366  
**Lab Sample ID:** 19I0366-03

**Client Sample ID:** MO-2007-4A  
**Collection Date/Time:** 09/09/2019 1325  
**Matrix:** Ground Water

| Analyses                                  | Result | MDL  | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|------|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |      |      |      |       |    |                 |                 |         |
| Sulfate                                   | 35.9   | 1.50 | 5.00 |      | mg/L  | 1  | 09/12/2019 1705 | 09/13/2019 0336 | EJ      |



**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0366  
**Lab Sample ID:** 19I0366-04

**Client Sample ID:** MO-2007-5C  
**Collection Date/Time:** 09/10/2019 1033  
**Matrix:** Ground Water

| Analyses                                  | Result | MDL  | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|------|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |      |      |      |       |    |                 |                 |         |
| Sulfate                                   | 246    | 15.0 | 50.0 |      | mg/L  | 10 | 09/13/2019 1445 | 09/13/2019 1514 | EJ      |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0366  
**Lab Sample ID:** 19I0366-05

**Client Sample ID:** MO-2007-5B  
**Collection Date/Time:** 09/10/2019 1333  
**Matrix:** Ground Water

| Analyses                                  | Result | MDL  | PQL | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|------|-----|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |      |     |      |       |    |                 |                 |         |
| Sulfate                                   | 517    | 30.0 | 100 |      | mg/L  | 20 | 09/13/2019 1645 | 09/13/2019 1742 | EJ      |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0366  
**Lab Sample ID:** 19I0366-06

**Client Sample ID:** ESP-4  
**Collection Date/Time:** 09/12/2019 0832  
**Matrix:** Ground Water

| Analyses                                  | Result | MDL  | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|------|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |      |      |      |       |    |                 |                 |         |
| Sulfate                                   | 200    | 15.0 | 50.0 |      | mg/L  | 10 | 09/13/2019 1645 | 09/13/2019 1801 | EJ      |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0366  
**Lab Sample ID:** 19I0366-07

**Client Sample ID:** ESP-2  
**Collection Date/Time:** 09/12/2019 1006  
**Matrix:** Ground Water

| Analyses                                  | Result | MDL  | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|------|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |      |      |      |       |    |                 |                 |         |
| Sulfate                                   | 31.4   | 1.50 | 5.00 |      | mg/L  | 1  | 09/12/2019 1705 | 09/13/2019 0548 | EJ      |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0366  
**Lab Sample ID:** 19I0366-08

**Client Sample ID:** ESP-3  
**Collection Date/Time:** 09/12/2019 1120  
**Matrix:** Ground Water

| Analyses                                  | Result | MDL  | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|------|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |      |      |      |       |    |                 |                 |         |
| Sulfate                                   | 37.7   | 1.50 | 5.00 |      | mg/L  | 1  | 09/12/2019 1705 | 09/13/2019 0607 | EJ      |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0366  
**Lab Sample ID:** 19I0366-09

**Client Sample ID:** DUP20190909A  
**Collection Date/Time:** 09/09/2019 0000  
**Matrix:** Ground Water

| Analyses                                  | Result | MDL  | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|------|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |      |      |      |       |    |                 |                 |         |
| Sulfate                                   | 35.9   | 1.50 | 5.00 |      | mg/L  | 1  | 09/12/2019 1705 | 09/13/2019 0626 | EJ      |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0366  
**Lab Sample ID:** 19I0366-10

**Client Sample ID:** EQB20190909A  
**Collection Date/Time:** 09/09/2019 0000  
**Matrix:** Ground Water

| Analyses                                  | Result | MDL  | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|------|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |      |      |      |       |    |                 |                 |         |
| Sulfate                                   | ND     | 1.50 | 5.00 | E8   | mg/L  | 1  | 09/12/2019 1705 | 09/13/2019 0645 | EJ      |

**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0366  
**Lab Sample ID:** 19I0366-11

**Client Sample ID:** FB20190909A  
**Collection Date/Time:** 09/09/2019 0000  
**Matrix:** Ground Water

| Analyses                                  | Result | MDL  | PQL  | Qual | Units | DF | Prep Date       | Analysis Date   | Analyst |
|-------------------------------------------|--------|------|------|------|-------|----|-----------------|-----------------|---------|
| Anions by Ion Chromatography-E300.0 (2.1) |        |      |      |      |       |    |                 |                 |         |
| Sulfate                                   | ND     | 1.50 | 5.00 | E8   | mg/L  | 1  | 09/12/2019 1705 | 09/13/2019 0703 | EJ      |



**Client:** Freeport McMoran Sierrita Ops  
**Project:** Sulfate Analysis  
**Work Order:** 19I0366  
**Date Received:** 09/12/2019

## QC Summary

| Analyte                                | Result | Reporting Limit | Units | Spike Level                     | Source Result | %REC | %REC Limits                               | RPD | RPD Limit | Qual |
|----------------------------------------|--------|-----------------|-------|---------------------------------|---------------|------|-------------------------------------------|-----|-----------|------|
| <b>Batch 1909137 - E300.0 (2.1)</b>    |        |                 |       |                                 |               |      |                                           |     |           |      |
| <b>Blank (1909137-BLK1)</b>            |        |                 |       | Prepared & Analyzed: 09/12/2019 |               |      |                                           |     |           |      |
| Sulfate                                | ND     | 5.00            | mg/L  |                                 |               |      |                                           |     |           |      |
| <b>LCS (1909137-BS1)</b>               |        |                 |       | Prepared & Analyzed: 09/12/2019 |               |      |                                           |     |           |      |
| Sulfate                                | 12     | 5.00            | mg/L  | 12.50                           |               | 100  | 90-110                                    |     |           |      |
| <b>LCS Dup (1909137-BSD1)</b>          |        |                 |       | Prepared & Analyzed: 09/12/2019 |               |      |                                           |     |           |      |
| Sulfate                                | 12     | 5.00            | mg/L  | 12.50                           |               | 100  | 90-110                                    | 0.3 | 10        |      |
| <b>Matrix Spike (1909137-MS1)</b>      |        |                 |       | <b>Source: 19I0329-01</b>       |               |      | Prepared & Analyzed: 09/12/2019           |     |           |      |
| Sulfate                                | 43     | 5.00            | mg/L  | 12.50                           | 26            | 133  | 80-120                                    |     |           | M1   |
| <b>Matrix Spike (1909137-MS2)</b>      |        |                 |       | <b>Source: 19I0327-01</b>       |               |      | Prepared & Analyzed: 09/12/2019           |     |           |      |
| Sulfate                                | 910    | 250             | mg/L  | 625.0                           |               | 146  | 80-120                                    |     |           | M1   |
| <b>Matrix Spike (1909137-MS4)</b>      |        |                 |       | <b>Source: 19I0366-10</b>       |               |      | Prepared: 09/12/2019 Analyzed: 09/13/2019 |     |           |      |
| Sulfate                                | 13     | 5.00            | mg/L  | 12.50                           | ND            | 102  | 80-120                                    |     |           |      |
| <b>Matrix Spike Dup (1909137-MSD1)</b> |        |                 |       | <b>Source: 19I0329-01</b>       |               |      | Prepared & Analyzed: 09/12/2019           |     |           |      |
| Sulfate                                | 42     | 5.00            | mg/L  | 12.50                           | 26            | 121  | 80-120                                    | 3   | 10        | M1   |
| <b>Matrix Spike Dup (1909137-MSD2)</b> |        |                 |       | <b>Source: 19I0327-01</b>       |               |      | Prepared & Analyzed: 09/12/2019           |     |           |      |
| Sulfate                                | 910    | 250             | mg/L  | 625.0                           |               | 146  | 80-120                                    | 0.3 | 10        | M1   |
| <b>Matrix Spike Dup (1909137-MSD3)</b> |        |                 |       | <b>Source: 19I0367-01</b>       |               |      | Prepared: 09/12/2019 Analyzed: 09/13/2019 |     |           |      |
| Sulfate                                | 76     | 5.00            | mg/L  | 12.50                           | 64            | 94   | 80-120                                    | 0.1 | 10        |      |
| <b>Matrix Spike Dup (1909137-MSD4)</b> |        |                 |       | <b>Source: 19I0366-10</b>       |               |      | Prepared: 09/12/2019 Analyzed: 09/13/2019 |     |           |      |
| Sulfate                                | 13     | 5.00            | mg/L  | 12.50                           | ND            | 100  | 80-120                                    | 2   | 10        |      |



2445 N Coyote Drive, Suite 104  
Tucson, Arizona 85745  
(520) 882-5880  
Fax: (520) 882-9788  
www.turnerlabs.com

# CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

19F0366  
TURNER WORK ORDER # ZS000009UC DATE: 9/12/19 PAGE 1 OF 1

PROJECT NAME: Sierrita Groundwater Samples (Sulfate)

CONTACT NAME: Jeff Joy/Billy Dorris/Bill Hart/Ben Daigneau

COMPANY NAME: Freeport McMoRan - Sierrita

ADDRESS: 6200 W Duval Mine Rd

CITY: Green Valley STATE: AZ ZIP CODE: 85614

PHONE: (520) 393-2625 or (520) 393-2014

SAMPLER'S SIGNATURE:

## SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

|              |         |      |          |                | NUMBER OF CONTAINERS |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------|---------|------|----------|----------------|----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| SAMPLE I.D.  | DATE    | TIME | LAB I.D. | SAMPLE MATRIX* |                      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MO-2007-4C   | 9/9/19  | 1046 |          | GW             | 1                    | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MO-2007-4B   | 9/9/19  | 1224 |          | GW             | 1                    | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MO-2007-4A   | 9/9/19  | 1325 |          | GW             | 1                    | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MO-2007-5C   | 9/10/19 | 1033 |          | GW             | 1                    | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MO-2007-5B   | 9/10/19 | 1333 |          | GW             | 1                    | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ESP-4        | 9/12/19 | 0832 |          | GW             | 1                    | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ESP-2        | 9/12/19 | 1006 |          | GW             | 1                    | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ESP-3        | 9/12/19 | 1120 |          | GW             | 1                    | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DUP20190909A | 9/9/19  | 0000 |          | GW             | 1                    | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EQB20190909A | 9/9/19  | 0000 |          | GW             | 1                    | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FB20190909A  | 9/9/19  | 0000 |          | GW             | 1                    | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |         |      |          | GW             | 1                    | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

### 1. RELINQUISHED BY:

Signature   
Jeff Joy  
Freeport McMoRan  
9/12/19 1530  
Date/Time

### 2. RECEIVED BY:

Signature   
Vanessa Brewer  
Printed Name  
Freeport McMoRan  
9/12/19 1530  
Date/Time

### TURNAROUND REQUIREMENTS:

☒ Standard (approx. 10 days)\*  
Next day 2 Day 5 Day  
☒ Email Preliminary Results To:

### SEE COMMENTS BELOW

\* Working Days

### REPORT REQUIREMENTS:

☒ I. Routine Report  
☐ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)  
☐ III. Date Validation Report (Includes All Raw Data)  
Add 10% to invoice

### INVOICE INFORMATION:

Account ☒ X ☐ Y ☐ N

P.O. # ZS000009UC

Bill to: Freeport McMoRan

### SAMPLE RECEIPT:

Total Containers 11

Temperature 12.7

☒ Wet Ice ☐ Blue Ice

### 3. RELINQUISHED BY:

Signature   
Vanessa Brewer  
Printed Name  
Freeport McMoRan  
9/12/19 1540  
Date/Time

### 4. RECEIVED BY:

Signature   
Joseph Cotalan  
Printed Name  
Turner laboratories, Inc.  
9/12/19 1540  
Date/Time

### \*LEGEND

DW = DRINKING WATER  
GW = GROUNDWATER  
ST = STORMWATER

### SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

|                                                                                          |                                                      |                                                               |
|------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------|
| Compliance Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Custody Seals <input type="checkbox"/>               | Preservation Confirmation <input checked="" type="checkbox"/> |
| ADEQ Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No          | Container Intact <input checked="" type="checkbox"/> | Appropriate Head Space <input checked="" type="checkbox"/>    |
| Mail ADEQ Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No     | COC/Labels Agree <input checked="" type="checkbox"/> | Received Within Hold Time <input checked="" type="checkbox"/> |

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com and  
bdaigneau@clearcreekassociates.com

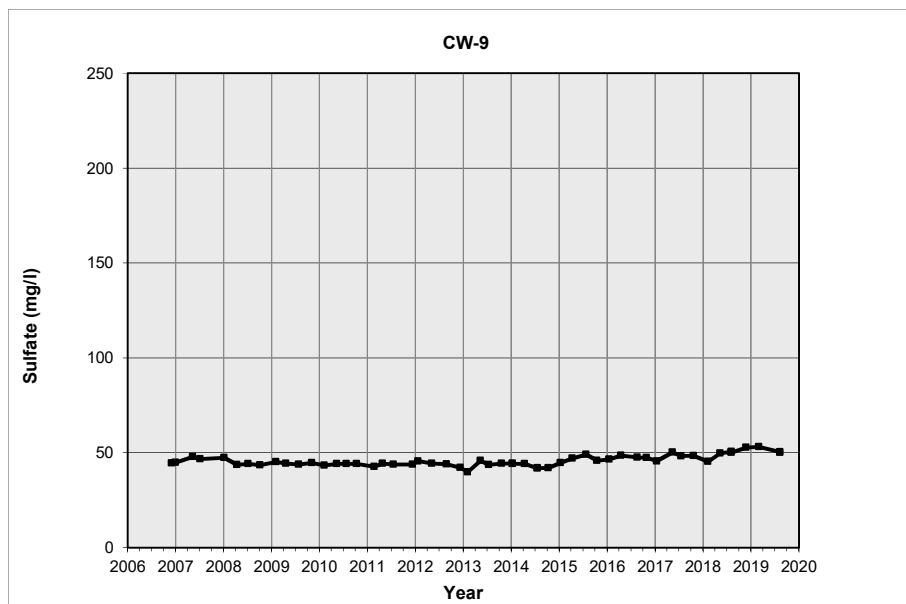
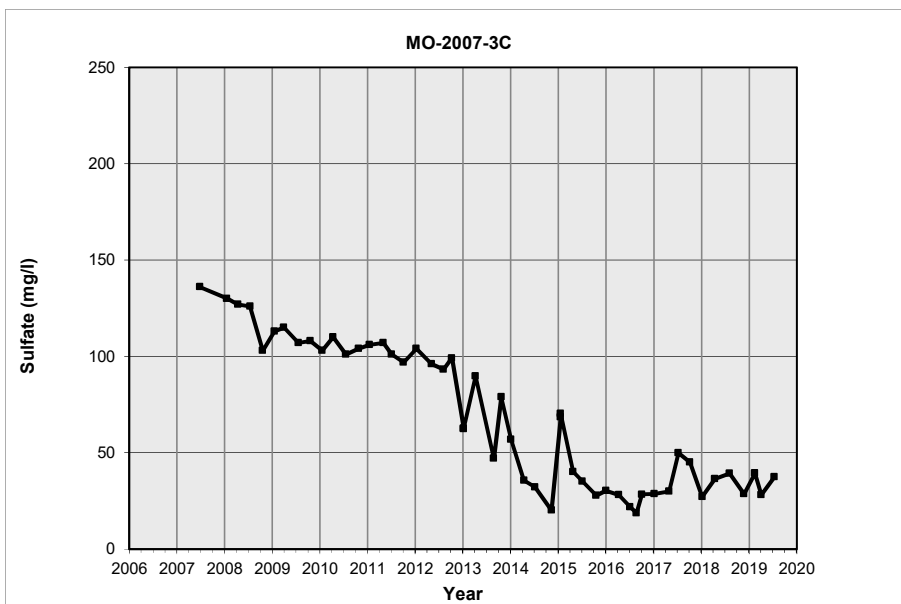
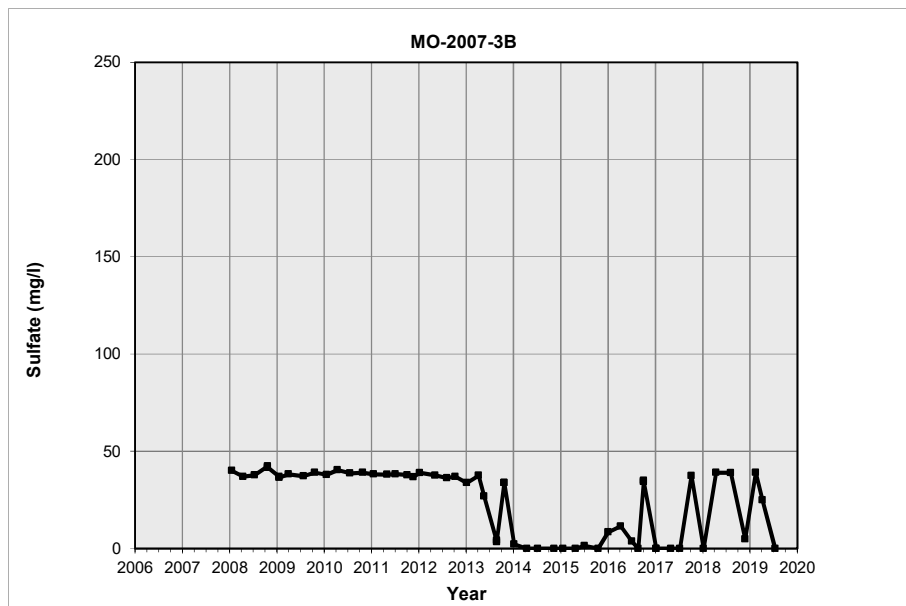
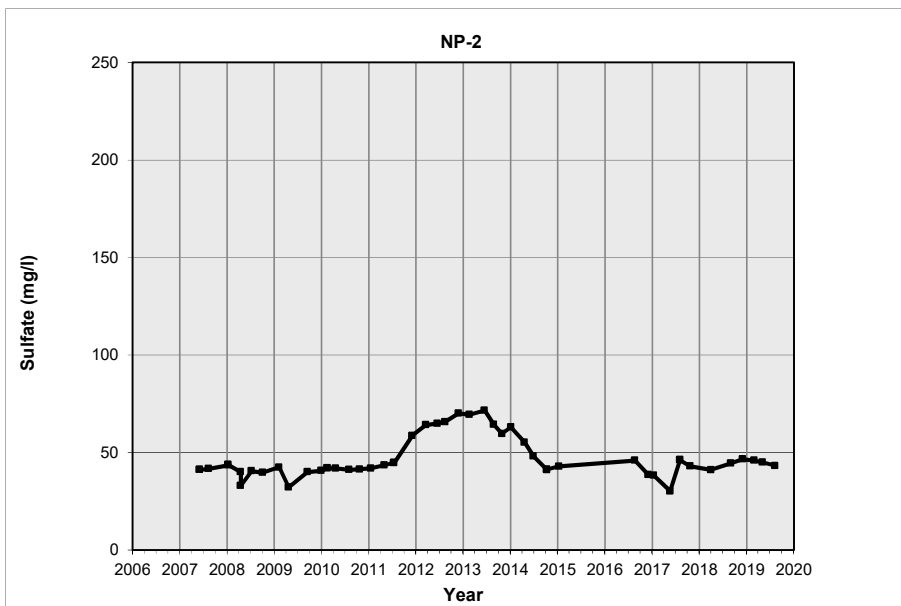
Please restock courier with Sulf

Called in for a 5 level test

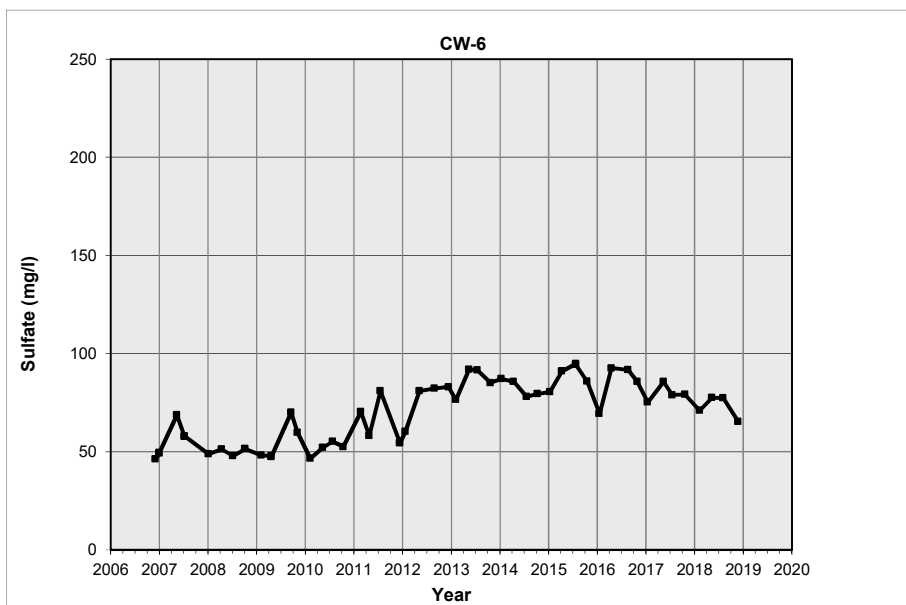
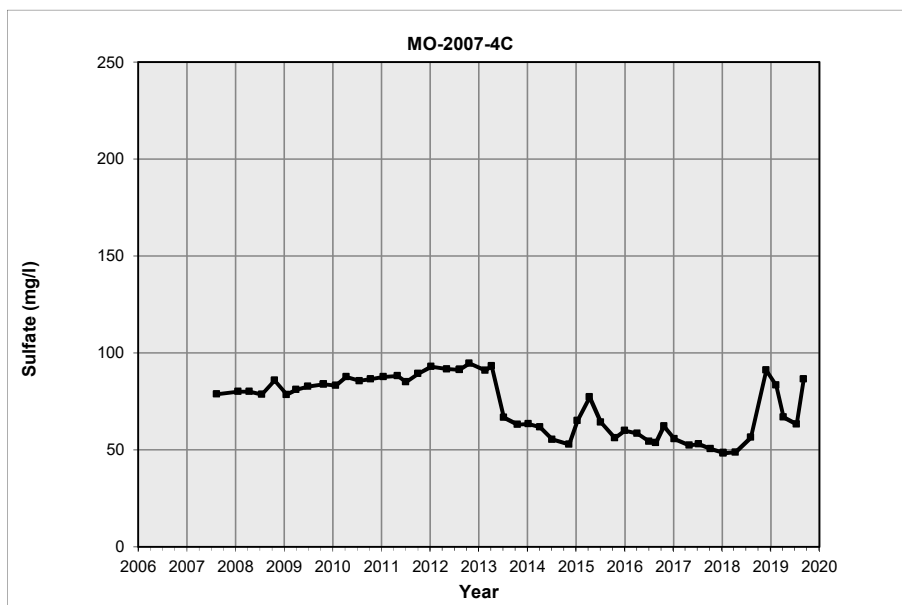
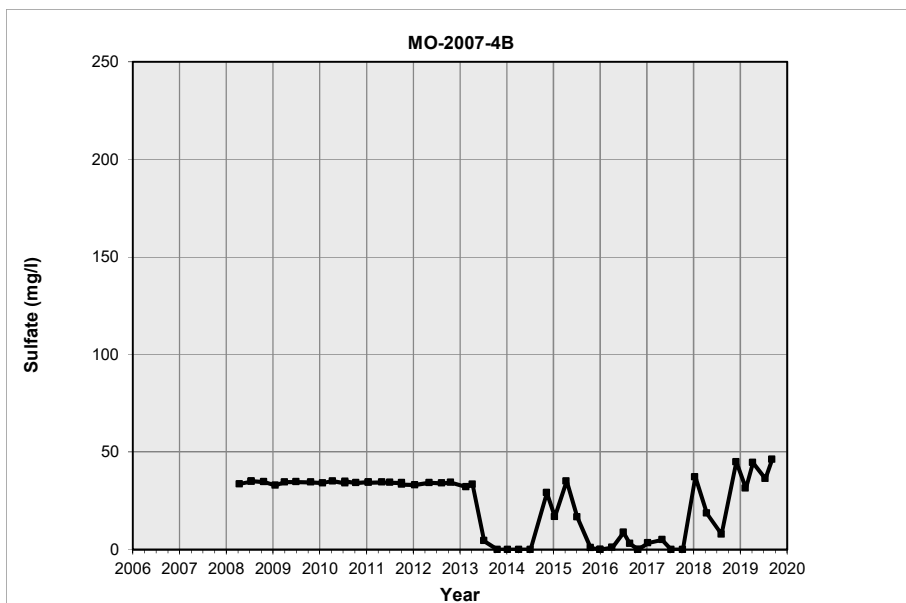
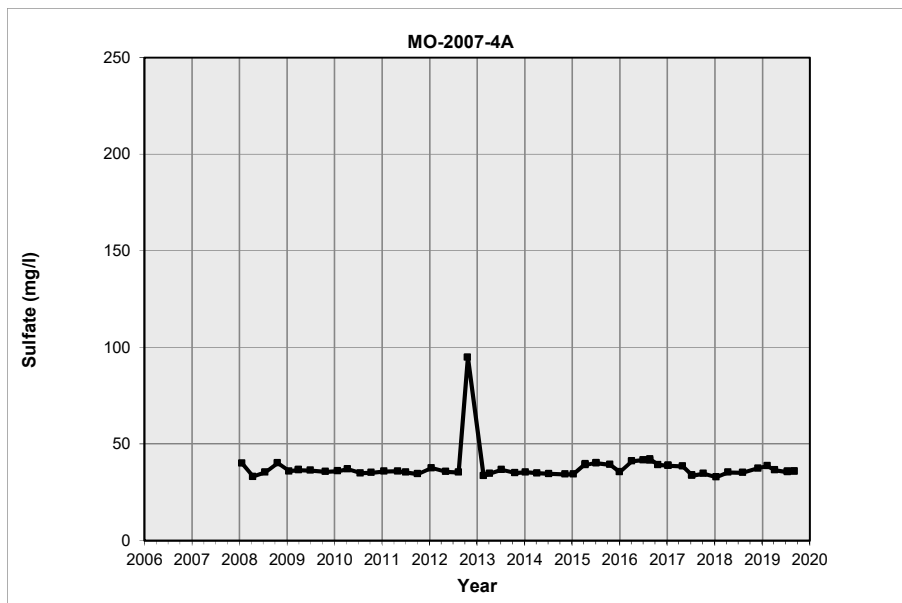
## **APPENDIX C**

### **TIME SERIES GRAPHS OF SULFATE CONCENTRATION**

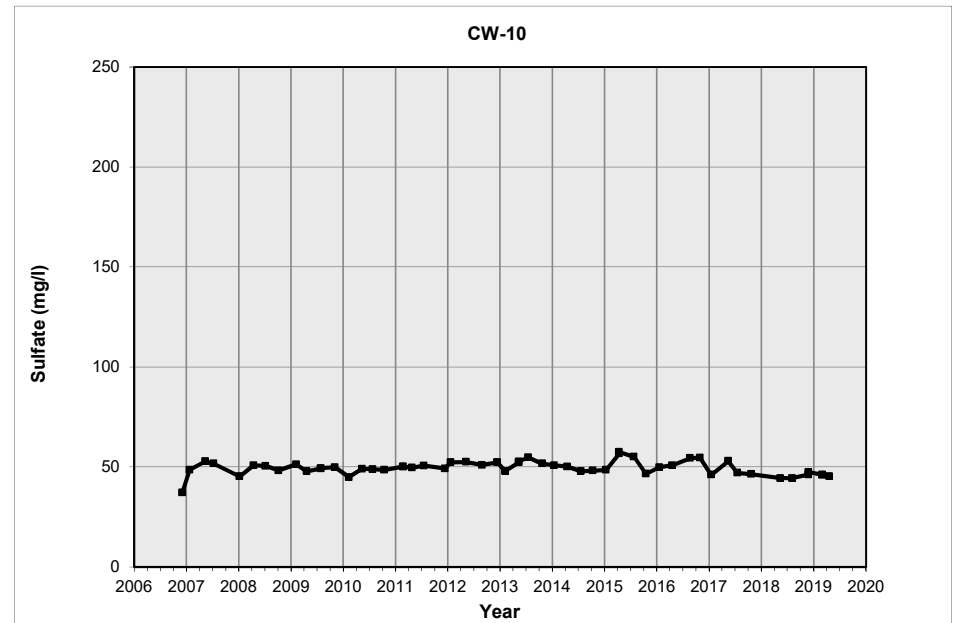
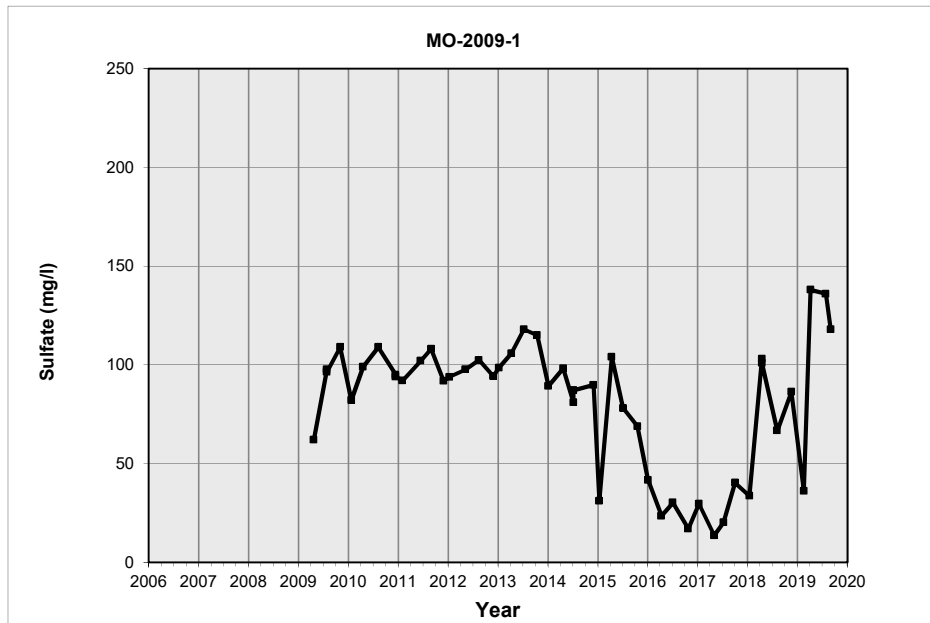
**FIGURE C.1**  
**SULFATE CONCENTRATION OVER TIME FOR WELLS**  
**NP-2, MO-2007-3B, MO-2007-3C, AND CW-9**



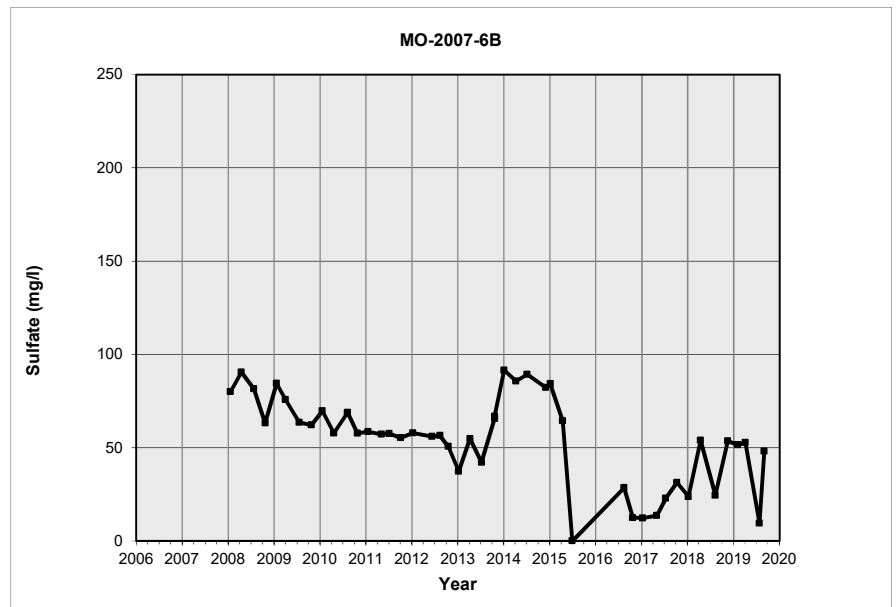
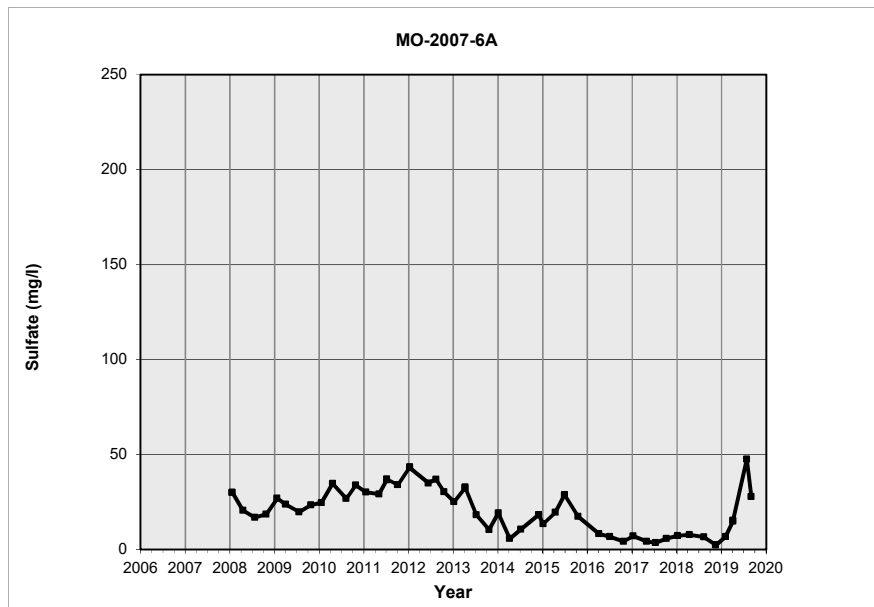
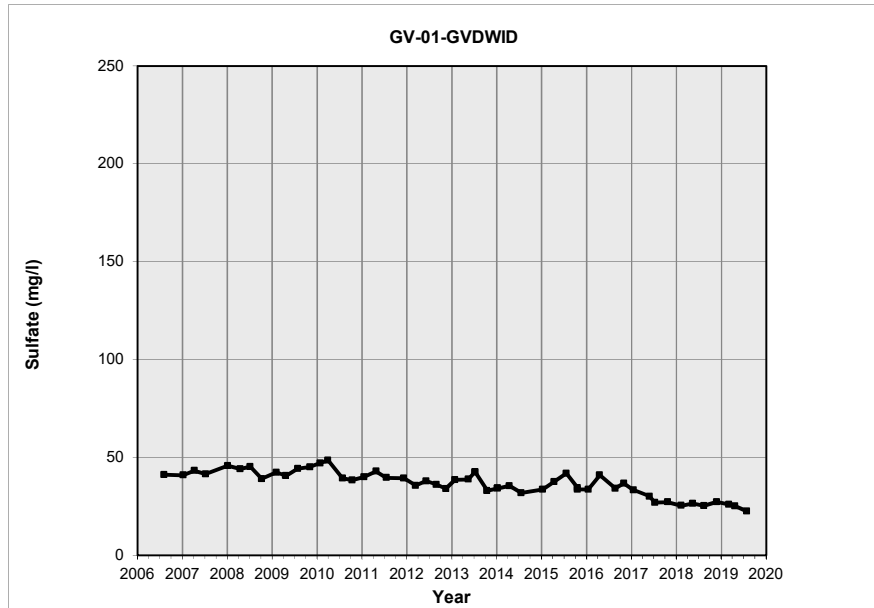
**FIGURE C.2**  
**SULFATE CONCENTRATION OVER TIME FOR WELLS**  
**MO-2007-4A, MO-2007-4B, MO-2007-4C, AND CW-6**



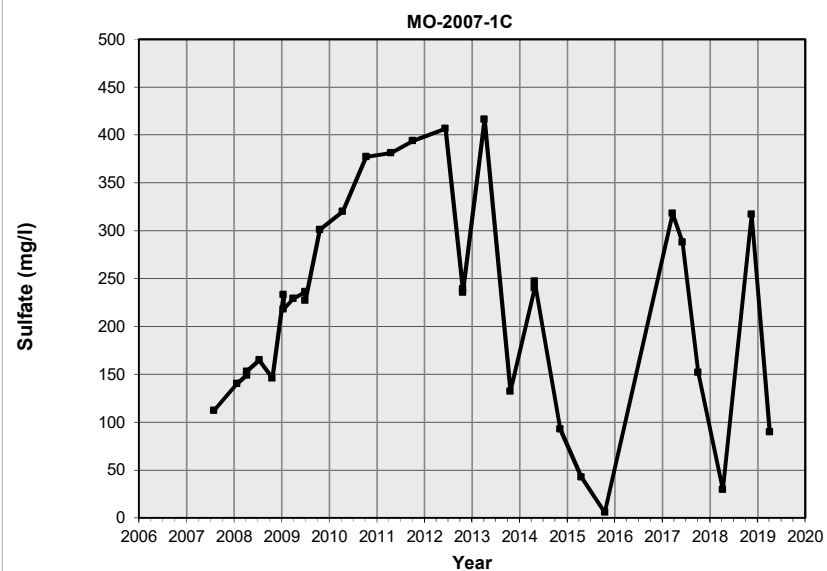
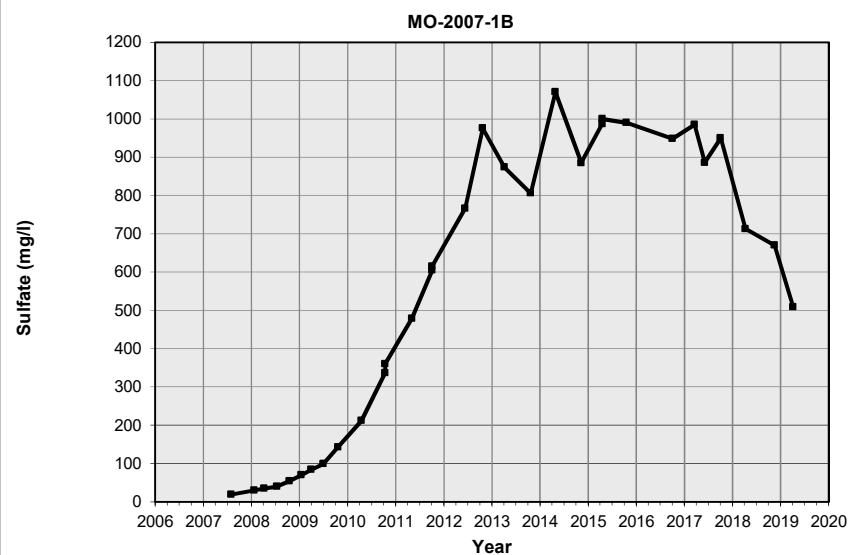
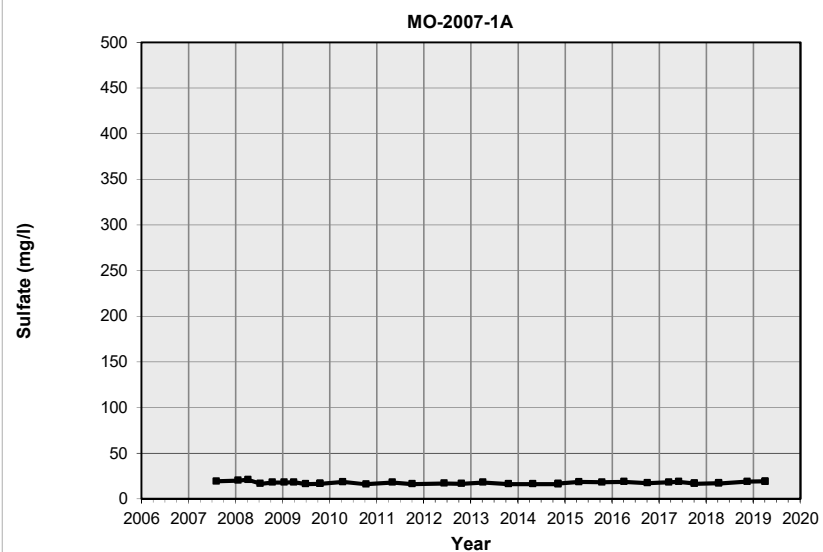
**FIGURE C.3**  
**SULFATE CONCENTRATION OVER TIME FOR WELLS**  
**MO-2009-1 AND CW-10**



**FIGURE C.4**  
**SULFATE CONCENTRATION OVER TIME FOR WELLS**  
**GV-01-GVDWID, GV-02-GVDWID, MO-2007-6A, AND MO-2007-6B**

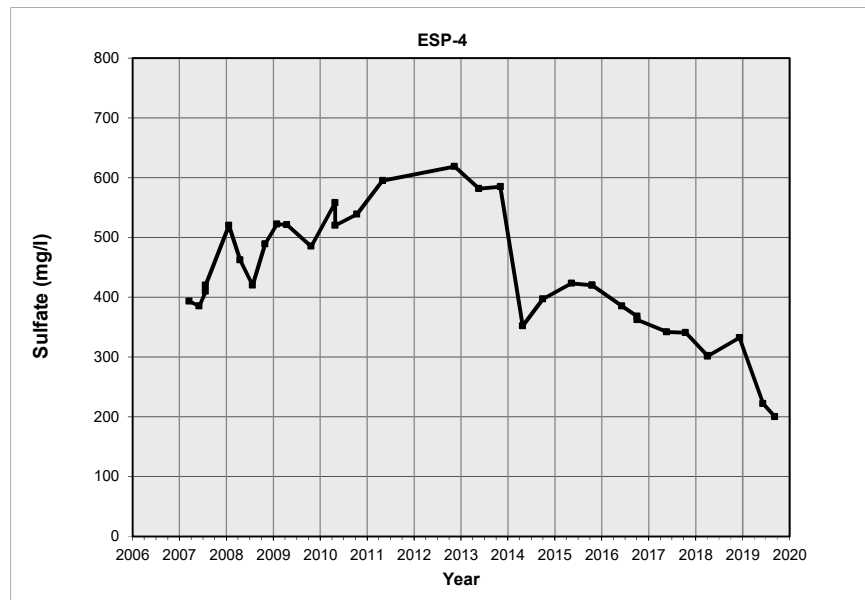
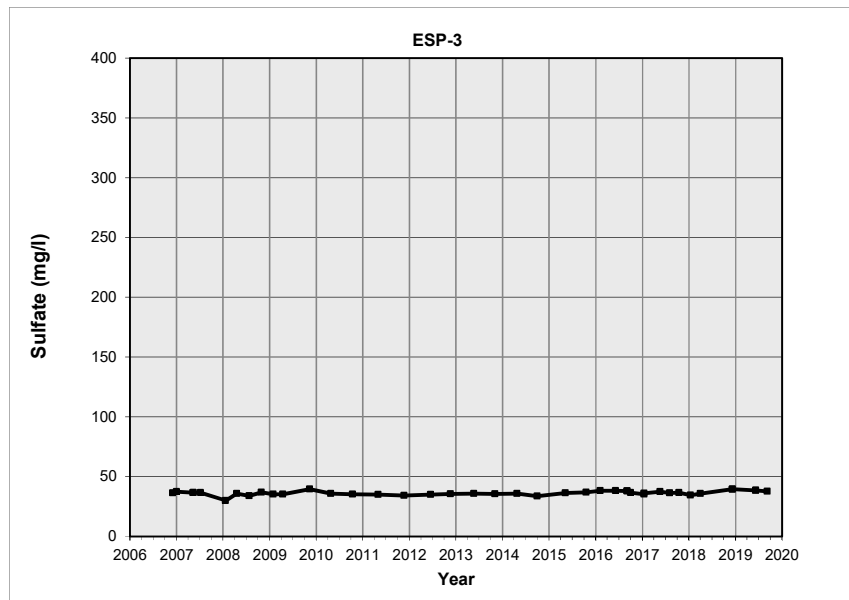
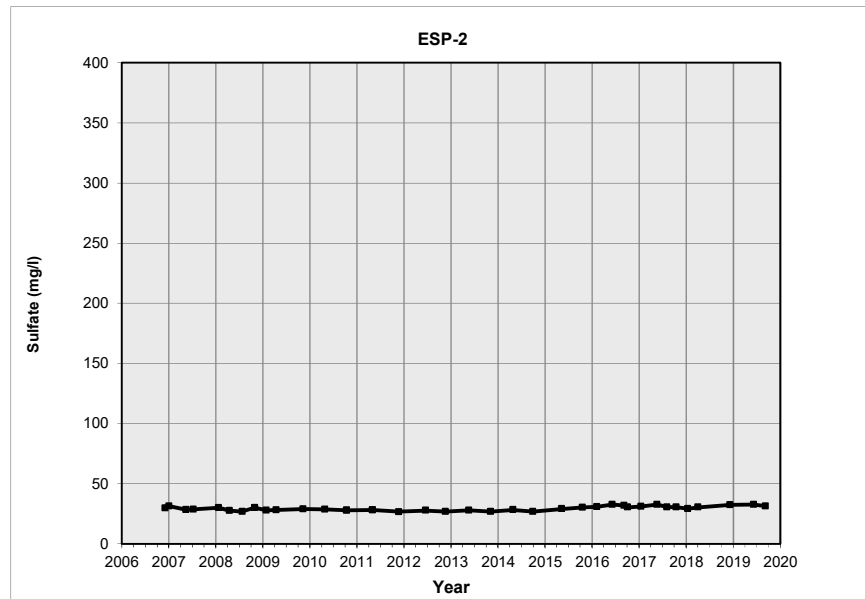
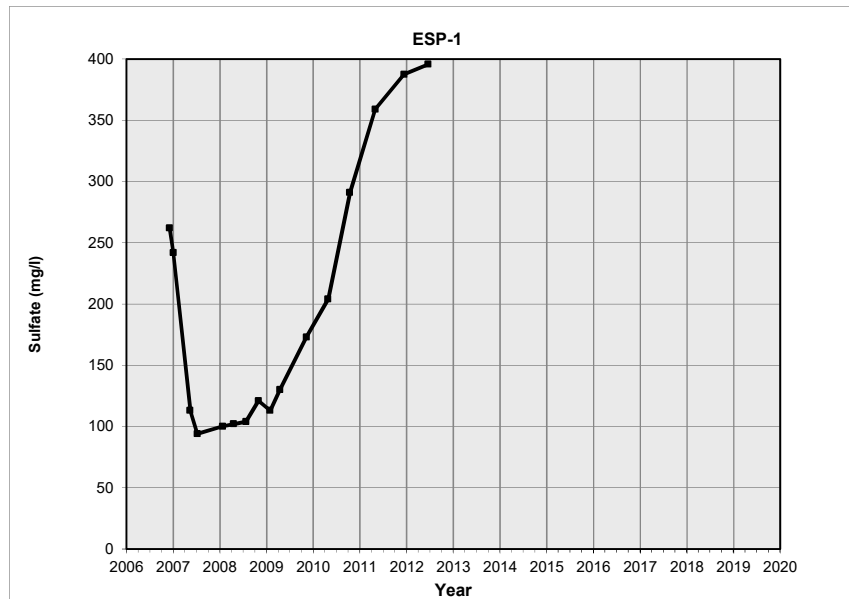


**FIGURE C.5**  
**SULFATE CONCENTRATION OVER TIME FOR WELLS**  
**MO-2007-1A, MO-2007-1B, AND MO-2007-1C**



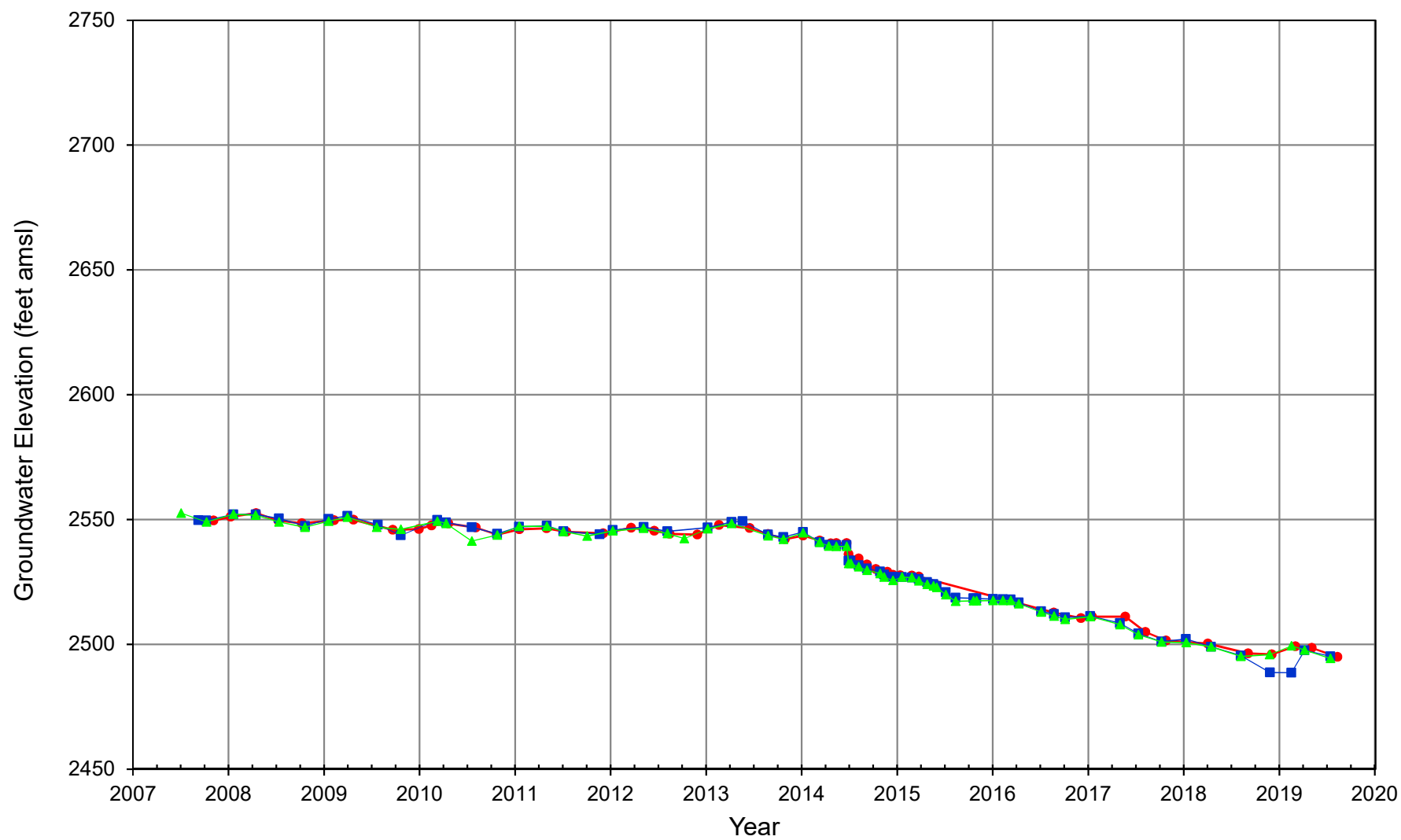


**FIGURE C.6**  
**SULFATE CONCENTRATION OVER TIME FOR WELLS**  
**ESP-1, ESP-2, ESP-3, AND ESP-4**



## **APPENDIX D**

### **TIME SERIES GRAPHS OF GROUNDWATER ELEVATION IN SENTINEL WELLS**

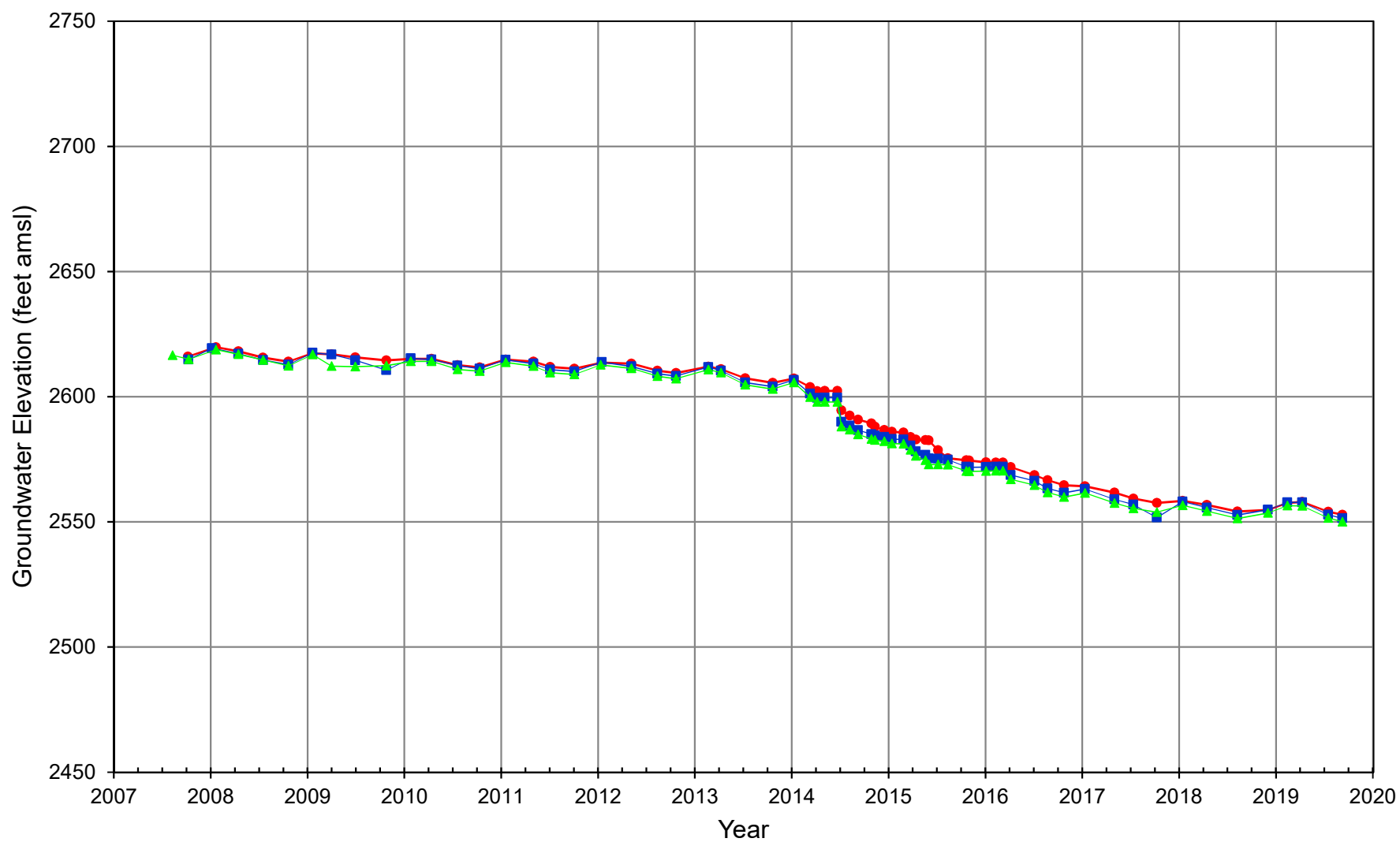


Note: ft amsl = feet above mean sea level



Date 7/2/19

FIGURE D.1  
Groundwater Elevations Over Time for Sentinel  
Wells NP-2, MO-2007-3B, and MO-2007-3C

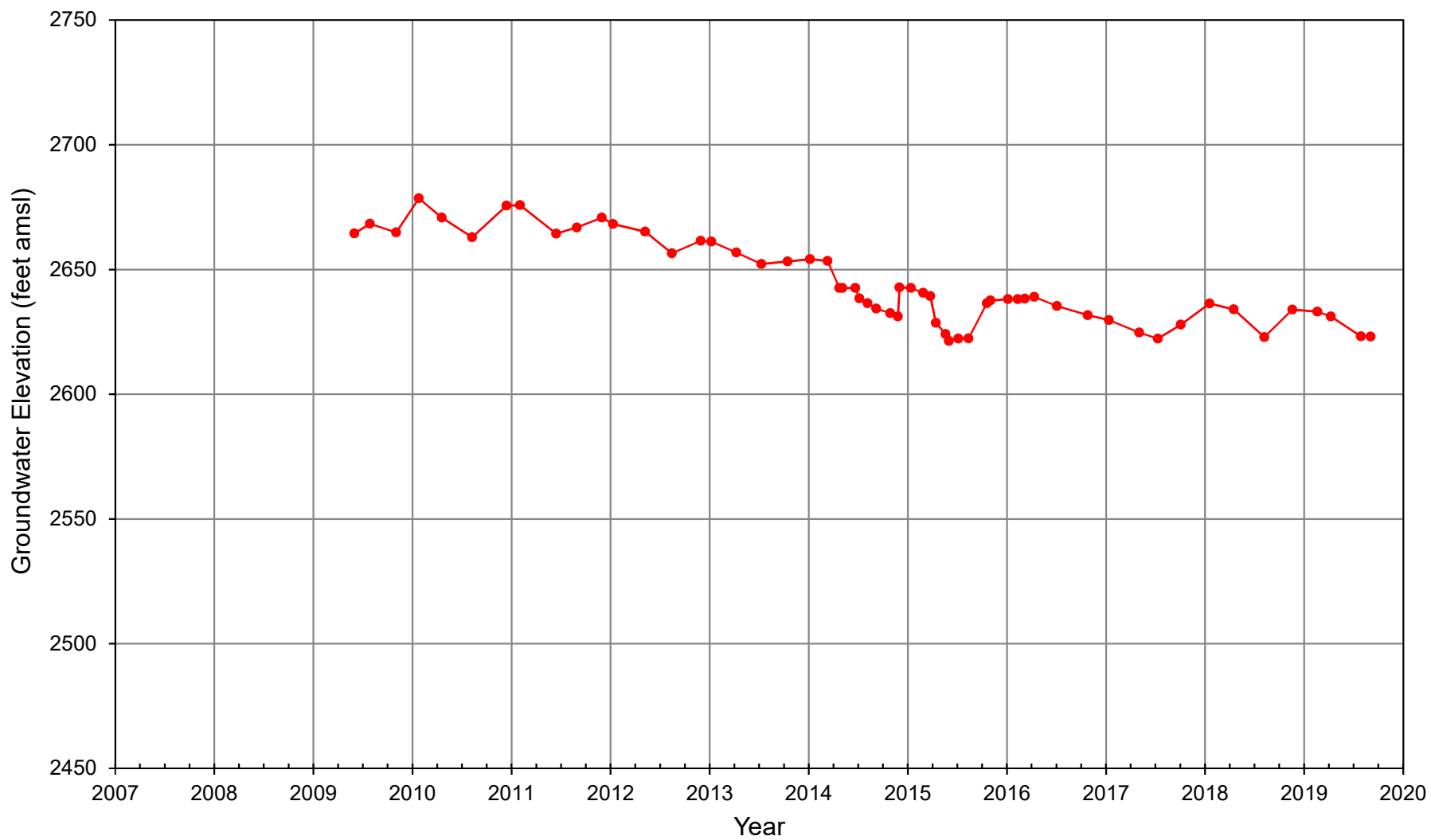


Note: ft amsl = feet above mean sea level



Date 8/27/19

FIGURE D.2  
Groundwater Elevations Over Time for Sentinel  
Wells MO-2007-4A, MO-2007-4B, and MO-2007-4C



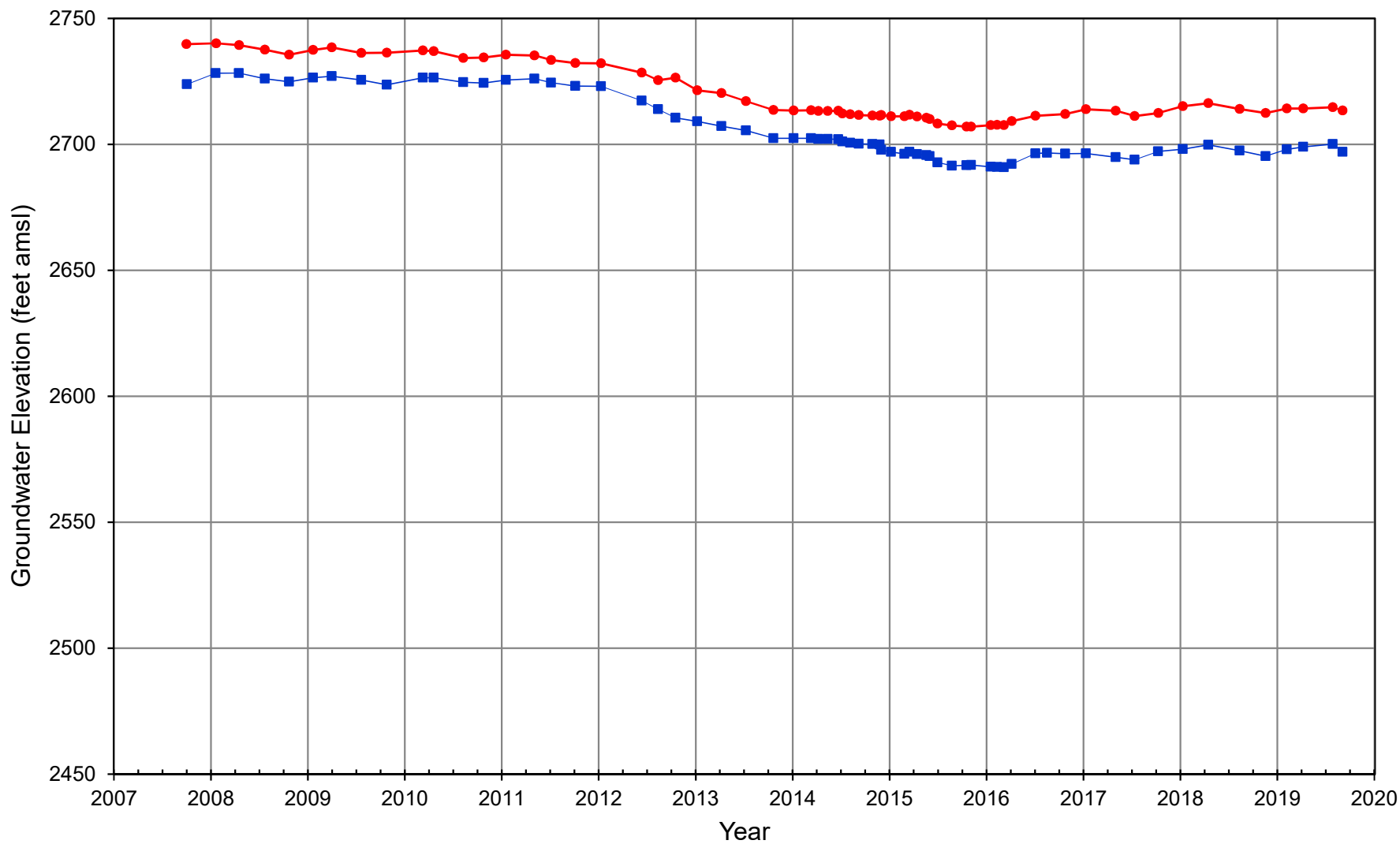
—●— MO-2009-1

Note: ft amsl = feet above mean sea level



Date 8/27/19

FIGURE D.3  
Groundwater Elevations Over Time for Sentinel  
Well MO-2009-1



● MO-2007-6A
 ■ MO-2007-6B

Note: ft amsl = feet above mean sea level

**CLEAR CREEK ASSOCIATES**

Date 8/27/19

FIGURE D.4  
Groundwater Elevations Over Time for Sentinel Wells MO-2007-6A and MO-2007-6B