FREEPORT-McMoRan

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

November 12, 2020

Via Certified Mail # 7019 1640 0000 7896 9946
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 Quarter and Third Quarter 2020

Dear Mr. Navo:

In accordance with Section 5.1.2 of the Mitigation Plan[1], Freeport-McMoRan Sierrita Inc. (Sierrita) submits the enclosed *Semi-annual Groundwater Monitoring Report for Samples Collected during the Second Quarter and Third Quarter 2020*, 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[2].

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

Sincerely,

William Hart

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

DTN: 202001112_001

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[1] 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.

[2] 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 2020

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

November 2, 2020

SEMIANNUAL GROUNDWATER MONITORING REPORT
FOR SAMPLES COLLECTED DURING THE SECOND AND THIRD QUARTERS 2020

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:



Expires: 6/30/2023

Ben Daigneau
Arizona Registered Geologist No. 57975

Reviewed and Approved by:



Expires 12/31/20

James R. Norris
Arizona Registered Geologist No. 30842

November 2, 2020

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1. INTRODUCTION

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 mitigation performance reviews were submitted annually for the first five years of the mitigation action and will be submitted every five years thereafter. The last performance review for 2018 was submitted in 2019 (Clear Creek Associates, 2019) and the next performance review is due in 2024. The schedule used for monitoring in the second and third quarters 2020 was updated in the performance review for 2018.

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 prepared pursuant to the Mitigation Plan.

Table 1 lists the wells identified for monitoring for the Post-Implementation Groundwater Monitoring Plan. Figure 1 shows the well locations and sampling frequency. Additional samples were collected from monitor well CW-7 in the second quarter of 2020. 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 2020 are presented in Section 2.1.

2. GROUNDWATER MONITORING

2.1 Monitoring Results

Table 2 summarizes the monitoring conducted in second and third quarters 2020. Analytical results and groundwater elevation data for second and third quarters 2020 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 2020, 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 2020 are presented on Figures 4 and 5, respectively. The 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 2020 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 2020 are provided in portable document format on the compact disk 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 2020. Groundwater samples were collected from 69 plume area wells and depth to water measurements were collected from 104 wells during the second quarter of 2020. In the third quarter of 2020, groundwater samples were collected from 13 plume area wells and depth to water measurements were collected from 14 plume area wells.

Well monitoring for the second quarter 2020 was conducted according to the Post-Implementation Groundwater Monitoring Plan except at 30 wells. Samples could not be collected at FFS-5, FFS-6, IW-4, IW-6A, IW-8, IW-9, IW-10, IW-14, IW-15, IW-21, IW-23, IW-24, IW-25, IW-28, and MH-13A because the wells were not operational. A sample could not be collected at M-8 because the water level was too low for the pump to produce sufficient water for sampling. A sample could not be collected at MH-25A because the water was below the pump. Water levels could not be measured at CW-9 and CW-10 because there was too much oil in the wells to get a sounder reading. Water levels could not be measured at FFS-2, FFS-4, FFS-6, FICO E-6, IW-9, IW-11, IW-21, IW-22, MC-2, and ST-6 because there were obstructions in the sounding tubes. A water level could not be measured at FICO C-4 because the sounder was sticking in the well. However, FICO C-4 was replaced by FICO C-4A and a water level was measured at the new well. Water levels were not measured at IW-18 and MH-16E because the wells were dry. A water level could not be measured at MH-25A because the water level was below the sounding tube. A water level could not be measured at S-1 because the well was inaccessible. Four additional depth-specific samples were collected from CW-7 as discussed later in this section.

Well sampling for the third quarter 2020 was conducted according to the Post-Implementation Groundwater Monitoring Plan except at one well. A sample could not be collected at MO-2007-3C because the water level was too low for the pump to produce sufficient water for sampling.

Comparison of the sulfate concentration data for the second and third quarters 2020 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 (Clear Creek, 2019). The sulfate concentrations at the MO-2007-1 wells were less than 250 mg/L in the second and third quarters 2020.

Sierrita collected four depth-specific samples from monitor well CW-7 in the second quarter 2020 using a double-check ball bailer. The samples were collected 600, 700, 800, and 900 feet below land surface. The samples were collected starting with the shallowest sample and progressing downward to avoid disturbance of each sample depth prior to sampling. The sulfate concentration ranged from 36.7 mg/L in the shallow sample to 69.6 mg/L in the two deepest samples (Table 3 and Figure 2). The water level was measured at 489.49 feet below the measuring point. The depth of the CW-7 well was 1,065 feet when it was installed in 1982. The sample results show that the sulfate concentration is below 250 mg/L over the entire saturated thickness of the monitor well.

The northern edge of the plume remains bounded by MW-2016-5A, MW-2016-5B, and MW-2016-6. The eastern edge of the plume was bounded by the MO-2007-1 series wells, CW-7, ESP-4, sentinel well MO-2009-1, and the MO-2007-4 and MO-2007-6 sentinel well series in the second quarter 2020. In 2014, the start of pumping at the FFS, PS, and MC wells caused water elevation depressions and convergent groundwater flow patterns in the vicinity of some of the extraction wells. 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 2018 performance review (Clear Creek, 2019).

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.

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.

TABLES

TABLE 1
Sampling Schedule for Post-Implementation Groundwater Monitoring

Well Name	ADWR 55 Well Registry No.	Well Use	Owner	First Quarter	Second Quarter	Third Quarter	Fourth 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

TABLE 1
Sampling Schedule for Post-Implementation Groundwater Monitoring

Well Name	ADWR 55 Well Registry No.	Well Use	Owner	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
IW-29	222865	Extraction	Sierrita		SO4+WL		WLO
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[1]	906816	Sentinel	Sierrita	SO4+WL	SO4+WL	SO4+WL	SO4+WL
MO-2007-3C[1]	906817	Sentinel	Sierrita	SO4+WL	SO4+WL	SO4+WL	SO4+WL
MO-2007-4A[2]	907213	Sentinel	Sierrita	SO4+WL	SO4+WL	SO4+WL	SO4+WL
MO-2007-4B[2]	907212	Sentinel	Sierrita	SO4+WL	SO4+WL	SO4+WL	SO4+WL
MO-2007-4C[2]	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[3]	907607	Sentinel	Sierrita	SO4+WL	SO4+WL	SO4+WL	SO4+WL
MO-2007-6B[3]	907606	Sentinel	Sierrita	SO4+WL	SO4+WL	SO4+WL	SO4+WL
MO-2009-1[4]	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[1]	605898	Sentinel	CWC	SO4+WL	SO4+WL	SO4+WL	SO4+WL
PS-1	220861	Extraction	Sierrita		SO4+WL		WLO

TABLE 1
Sampling Schedule for Post-Implementation Groundwater Monitoring

Well Name	ADWR 55 Well Registry No.	Well Use	Owner	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
PS-2	220862	Extraction	Sierrita		SO4+WL		WLO
PS-3	220863	Extraction	Sierrita		SO4+WL		WLO
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
[1] *Sentinel Well for CW-9*
[2] *Sentinel Well for CW-6*
[3] *Sentinel Well for GV-01-GVDWID and GV-02-GVDWID*
[4] *Sentinel Well for CW-10*

TABLE 2
Monitoring Summary - Second and Third Quarters 2020

Well Name	ADWR 55 Well Registry No.	Second Quarter 2020				Third Quarter 2020			
		Requirement	Sample Collected	Water Level Collected	Comment	Requirement	Sample Collected	Water Level Collected	Comment
CC of GV	501760	SO4	Y	N	Water sample collected in May 2020.		N	N	Not scheduled for third quarter 2020.
CCGV2	627484	WLO	N	Y	Water level measured in May 2020.		N	N	Not scheduled for third quarter 2020.
CW-3	627483	SO4+WL	Y	Y	Water sample collected in May 2020.		N	N	Not scheduled for third quarter 2020.
CW-6	627485	SO4+WL	Y	Y	Water sample collected in May 2020.	SO4+WL	Y	Y	Water sample collected in August 2020.
CW-7	502546	WLO	Y	Y	Well sampled in April 2020. Water level measured in April and May 2020.		N	N	Not scheduled for third quarter 2020.
CW-8	543600	WLO	N	Y	Water level measured in May 2020.		N	N	Not scheduled for third quarter 2020.
CW-9	588121	SO4+WL	Y	N	Water sample collected in May 2020. Unable to measure water level due to oil in well.	SO4+WL	Y	Y	Water sample collected in August 2020.
CW-10	207982	SO4+WL	Y	N	Water sample collected in May 2020. Unable to measure water level due to excess oil in well.	SO4+WL	Y	Y	Water sample collected in August 2020.
CW-11	608518	WLO	N	Y	Water level measured in May 2020.		N	N	Not scheduled for third quarter 2020.
ESP-2	623103	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
ESP-3	623104	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
ESP-4	623105	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
ESP-5	623106	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
FFS-1	221662	SO4+WL	Y	Y	Water sample collected in May 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
FFS-2	221663	SO4+WL	Y	N	Water sample collected in May 2020. Unable to measure water level due to obstruction.		N	N	Not scheduled for third quarter 2020.
FFS-3	221664	SO4+WL	Y	Y	Water sample collected in May 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
FFS-4	221665	SO4+WL	Y	N	Water sample collected in May 2020. Unable to measure water level due to obstruction.		N	N	Not scheduled for third quarter 2020.
FFS-5	221666	SO4+WL	N	Y	Well was not operational. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
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 2020.

TABLE 2
Monitoring Summary - Second and Third Quarters 2020

Well Name	ADWR 55 Well Registry No.	Second Quarter 2020				Third Quarter 2020			
		Requirement	Sample Collected	Water Level Collected	Comment	Requirement	Sample Collected	Water Level Collected	Comment
FICO C-4	624010	WLO	N	N	Replaced by well FICO-C4A.		N	N	Not scheduled for third quarter 2020.
FICO C-4A	231302	WLO	N	Y	Water level measured in June 2020. This well replaced FICO C-4 in January 2020.		N	N	Not scheduled for third quarter 2020.
FICO E-6	624013	WLO	N	N	Unable to measure water level due to obstruction.		N	N	Not scheduled for third quarter 2020.
GV-01-GVDWID	603428	SO4+WL	Y	Y	Water sample collected in May 2020.	SO4+WL	Y	Y	Water sample collected in August 2020.
GV-01-PCWW	509603	WLO	N	Y	Water level measured in May 2020.		N	N	Not scheduled for third quarter 2020.
GV-02-GVDWID	603429	SO4+WL	Y	Y	Water sample collected in May 2020.	SO4+WL	Y	Y	Water sample collected in August 2020.
GV-02-PCWW	509604	WLO	N	Y	Water level measured in May 2020.		N	N	Not scheduled for third quarter 2020.
GV-SI-GVDWID	208825	SO4+WL	Y	Y	Water sample collected in May 2020.		N	N	Not scheduled for third quarter 2020.
HAVEN GOLF	515867	SO4	Y	N	Water sample collected in May 2020.		N	N	Not scheduled for third quarter 2020.
I-12	608523	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-1	623129	SO4+WL	Y	Y	Water sample collected in May 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-2A	216464	SO4+WL	Y	Y	Water sample collected in May 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-3A	201732	SO4+WL	Y	Y	Water sample collected in May 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-4	623132	SO4+WL	N	Y	Well was not operational. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-5A	219131	WLO	N	Y	Well was not operational. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-6A	545565	SO4+WL	N	Y	Well was not operational. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-8	508236	SO4+WL	N	Y	Well was not operational. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-9	508238	SO4+WL	N	N	Well was not operational. Unable to measure water level due to obstruction.		N	N	Not scheduled for third quarter 2020.
IW-10	508237	SO4+WL	N	Y	Well was not operational. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.

TABLE 2
Monitoring Summary - Second and Third Quarters 2020

Well Name	ADWR 55 Well Registry No.	Second Quarter 2020				Third Quarter 2020			
		Requirement	Sample Collected	Water Level Collected	Comment	Requirement	Sample Collected	Water Level Collected	Comment
IW-11	508235	SO4+WL	Y	N	Water sample collected in April 2020. Unable to measure water level due to obstruction.		N	N	Not scheduled for third quarter 2020.
IW-12	545555	SO4+WL	Y	Y	Water sample collected in April 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-13	545556	WLO	N	Y	Well was not operational. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-14	545557	SO4+WL	N	Y	Well was not operational. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-15	545558	SO4+WL	N	Y	Well was not operational. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-16	545559	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-17	545560	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-18	545561	WLO	N	N	Well was dry.		N	N	Not scheduled for third quarter 2020.
IW-19	545562	SO4+WL	Y	Y	Water sample collected in April 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-20	545563	WLO	N	Y	Well was not operational. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-21	545564	SO4+WL	N	N	Well was not operational. Unable to measure water level due to obstruction.		N	N	Not scheduled for third quarter 2020.
IW-22	200554	SO4+WL	Y	N	Water sample collected in April 2020. Unable to measure water level due to obstruction.		N	N	Not scheduled for third quarter 2020.
IW-23	200555	SO4+WL	N	Y	Well was not operational. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-24	200556	SO4+WL	N	Y	Well was not operational. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-25	219596	SO4+WL	N	Y	Well not operational. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-26	219143	SO4+WL	Y	Y	Water sample collected in May 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-27	219136	SO4+WL	Y	Y	Water sample collected in April 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-28	219137	SO4+WL	N	Y	Well was not operational. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
IW-29	222865	SO4+WL	Y	Y	Water sample collected in April 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.

TABLE 2
Monitoring Summary - Second and Third Quarters 2020

Well Name	ADWR 55 Well Registry No.	Second Quarter 2020				Third Quarter 2020			
		Requirement	Sample Collected	Water Level Collected	Comment	Requirement	Sample Collected	Water Level Collected	Comment
M-1	85228	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
M-5	87387	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
M-8	87390	SO4+WL	N	Y	Water level too low to pump water. Water level measured in April 2020.		N	N	Not scheduled for third quarter 2020.
M-9	501652	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
M-10	501653	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
M-11	501654	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
M-20	906595	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MC-1	221660	SO4+WL	Y	Y	Water sample collected in May 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
MC-2	221761	SO4+WL	Y	N	Water sample collected in May 2020. Unable to measure water level due to obstruction.		N	N	Not scheduled for third quarter 2020.
MC-3	221661	SO4+WL	Y	Y	Water sample collected in May 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
MC-4	220842	SO4+WL	Y	Y	Water sample collected in May 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
MH-1	803629	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
MH-3	803630	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
MH-5	803632	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
MH-6	803633	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
MH-7	803634	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
MH-9	803635	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
MH-10	803636	SO4+WL	Y	Y	Water sample collected in May 2020.		N	N	Not scheduled for third quarter 2020.
MH-11	803637	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.

TABLE 2
Monitoring Summary - Second and Third Quarters 2020

Well Name	ADWR 55 Well Registry No.	Second Quarter 2020				Third Quarter 2020			
		Requirement	Sample Collected	Water Level Collected	Comment	Requirement	Sample Collected	Water Level Collected	Comment
MH-13A	904071	SO4+WL	N	Y	Well was not operational. Water level measured in April 2020.		N	N	Not scheduled for third quarter 2020.
MH-13B	904072	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MH-13C	904073	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MH-14	528098	WLO	N	Y	Water level measured in April 2020.		N	N	Not scheduled for third quarter 2020.
MH-15E	528094	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
MH-16E	528100	WLO	N	N	Well was dry.		N	N	Not scheduled for third quarter 2020.
MH-16W	528099	WLO	N	Y	Water level measured in April 2020.		N	N	Not scheduled for third quarter 2020.
MH-25A	201528	SO4+WL	N	N	Water was below sounding tube and pump.		N	N	Not scheduled for third quarter 2020.
MH-25B	208429	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MH-25C	208426	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MH-26B	208427	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MH-26C	208428	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MH-28	903648	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MH-29	903649	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MH-30	903884	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MO-2007-1A	907342	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MO-2007-1B	907210	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MO-2007-1C	907209	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MO-2007-2	906765	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.

TABLE 2
Monitoring Summary - Second and Third Quarters 2020

Well Name	ADWR 55 Well Registry No.	Second Quarter 2020				Third Quarter 2020			
		Requirement	Sample Collected	Water Level Collected	Comment	Requirement	Sample Collected	Water Level Collected	Comment
MO-2007-3B[1]	906816	SO4+WL	Y	Y	Water sample collected in April 2020.	SO4+WL	Y	Y	Water sample collected in July 2020.
MO-2007-3C[1]	906817	SO4+WL	Y	Y	Water sample collected in April 2020.	SO4+WL	N	Y	Water level too low to pump water. Water level measured in July 2020.
MO-2007-4A[2]	907213	SO4+WL	Y	Y	Water sample collected in April 2020.	SO4+WL	Y	Y	Water sample collected in July 2020.
MO-2007-4B[2]	907212	SO4+WL	Y	Y	Water sample collected in April 2020.	SO4+WL	Y	Y	Water sample collected in July 2020.
MO-2007-4C[2]	907211	SO4+WL	Y	Y	Water sample collected in April 2020.	SO4+WL	Y	Y	Water sample collected in July 2020.
MO-2007-5B	907456	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MO-2007-5C	907457	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MO-2007-6A[3]	907607	SO4+WL	Y	Y	Water sample collected in April 2020.	SO4+WL	Y	Y	Water sample collected in July 2020.
MO-2007-6B[3]	907606	SO4+WL	Y	Y	Water sample collected in April 2020.	SO4+WL	Y	Y	Water sample collected in July 2020.
MO-2009-1[4]	910458	SO4+WL	Y	Y	Water sample collected in April 2020.	SO4+WL	Y	Y	Water sample collected in July 2020.
MW-2016-5A	919635	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MW-2016-5B	919472	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
MW-2016-6	919676	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
NP-2[1]	605898	SO4+WL	Y	Y	Water sample collected in May 2020.	SO4+WL	Y	Y	Water sample collected in August 2020.
PS-1	220861	SO4+WL	Y	Y	Water sample collected in May 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
PS-2	220862	SO4+WL	Y	Y	Water sample collected in May 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
PS-3	220863	SO4+WL	Y	Y	Water sample collected in May 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
PS-4	220864	SO4+WL	Y	Y	Water sample collected in May 2020. Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
PZ-7	561870	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.

TABLE 2
Monitoring Summary - Second and Third Quarters 2020

Well Name	ADWR 55 Well Registry No.	Second Quarter 2020				Third Quarter 2020			
		Requirement	Sample Collected	Water Level Collected	Comment	Requirement	Sample Collected	Water Level Collected	Comment
PZ-8	561866	SO4+WL	Y	Y	Water sample collected in April 2020.		N	N	Not scheduled for third quarter 2020.
S-1	623111	WLO	N	N	Unable to measure water level due to no access to wellhead during visit.		N	N	Not scheduled for third quarter 2020.
ST-6	608530	WLO	N	N	Unable to measure water level due to obstruction.		N	N	Not scheduled for third quarter 2020.
1225	634394	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
1350	ND	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
1758	634392	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
1759	634393	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
2123	511895	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.
2125	514015	WLO	N	Y	Water level measured in June 2020.		N	N	Not scheduled for third quarter 2020.

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
GVPCWW = 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
[1] *Sentinel Well for CW-9*
[2] *Sentinel Well for CW-6*
[3] *Sentinel Well for GV-01-GVDWID and GV-02-GVDWID*
[4] *Sentinel Well for CW-10*

CLEAR CREEK ASSOCIATES

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)
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
		5/14/18	7.79	26.2	497	89.7
		5/7/19	8.19	29.0	291	97.1
		5/12/20	8.38	24.7	603	107
CW-3	627483	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
		11/6/19	7.79	24.5	503	44.0
		5/6/20	8.07	26.5	507	69.2

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)
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
		11/7/19	7.87	22.9	544	68.2
		1/14/20	8.10	24.6	481	68.1
		5/5/20	8.19	25.1	506	66.0
		8/12/20	8.12	27.1	477	59.9

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)
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
CW-7 (600 ft)		4/8/20	8.67	25.6	396	36.7
CW-7 (700 ft)		4/8/20	8.52	25.8	385	42.5
CW-7 (800 ft)		4/8/20	8.42	26.0	547	69.6
CW-7 (900 ft)		4/8/20	8.36	25.1	705	69.6
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

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)
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
		11/7/19	8.02	25.5	449	54.6
		1/14/20	8.01	24.4	447	59.1
		5/5/20	8.19	28.0	453	52.2
		8/12/20	8.03	27.2	450	53.7
		8/12/20 DUP	8.03	27.2	450	54.7

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)
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
		11/7/19	8.10	27.7	393	44.8
		1/14/20	8.18	29.1	400	52.7
		5/5/20	8.33	29.3	407	45.1
		8/12/20	8.10	30.4	398	48.6

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)
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
		10/29/19	7.94	27.0	400	31.0
		11/25/19	7.97	27.5	401	31.2
		12/12/19	8.13	23.5	402	56.5
		1/9/20	7.97	27.0	405	35.4
		2/10/20	7.99	27.2	403	31.2
		3/11/20	8.01	28.2	405	31.2
		4/9/20	8.08	27.3	405	30.0

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)
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
		10/29/19	7.99	27.7	387	37.1
		11/25/19	7.98	27.9	391	37.0
		12/12/19	8.06	26.5	388	51.4
		1/9/20	8.11	25.3	392	37.9
		2/10/20	7.99	27.2	389	37.2
		3/11/20	8.01	28.4	391	36.8
		3/11/20 DUP	8.01	28.4	391	36.7
		4/9/20	8.05	27.5	391	35.9

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)
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
		10/29/19	7.87	26.6	780	181
		11/25/19	7.88	26.3	785	186
		12/12/19	7.98	26.2	770	195
		1/9/20	8.06	24.6	772	171
		2/10/20	8.04	25.6	734	165
		3/11/20	8.05	27.2	738	164
		4/9/20	8.04	26.1	689	136

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
		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
		5/26/20	7.90	25.3	3515	2000
FFS-2	221663	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
		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
		5/26/20	7.85	27.1	3538	1780
FFS-3	221664	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
		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
		5/26/20	7.84	31.8	2937	1470
FFS-4	221665	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
		5/26/20	7.90	33.2	2543	1270

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
		4/17/17	7.57	30.3	2900	1500
		4/22/19	7.98	29.2	1268	1620
FFS-6	221667	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 Registry No.	Sample Date	pH (SU)	Temperature (deg C)	Specific Conductance (µS/cm)	Sulfate, Dissolved (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
		11/5/19	8.10	23.3	460	24.0
		1/20/20	7.88	23.9	437	23.5
		5/14/20	8.43	24.4	423	18.1
		8/13/20	8.02	25.9	439	20.0

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)
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
		11/5/19	7.87	22.5	529	49.2
		1/20/20	7.90	23.0	540	50.7
		5/14/20	8.23	22.8	538	49.2
		8/13/20	7.90	24.6	560	55.5

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)
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
		4/25/19	7.91	27.1	301	6.06
		4/25/19 DUP	7.91	27.1	301	6.12
		5/14/20	8.26	25.0	411	7.02
		5/14/20 DUP	8.26	25.0	411	7.38
HAVEN GOLF	515867	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
		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
		5/12/20	8.56	28.3	673	98.2
I-10	608525	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
		4/19/17 DUP	7.77	29.4	2821	1440
		4/23/19	7.67	28.6	1521	1510
		5/26/20	7.8	29.3	2578	1150
		5/26/20 DUP	7.8	29.3	2578	1140
IW-2	623130	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
		7/16/07	7.18	32.2	506	90
		1/16/08	7.76	28.1	470	70
IW-2A	216464	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
		10/4/16	7.87	28.3	1016	269
		4/23/19	7.88	29.2	858	413
		5/26/20	8.05	29.0	1186	359
IW-3A	201732	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
		5/26/20	7.94	27.4	3318	1620

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-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
		4/24/18	7.67	26.1	2686	1870
		4/24/18 DUP	7.67	26.1	2686	1750
IW-5	623133	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
		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
IW-5A	219131	4/20/11	6.78	22.2	3210	1740
		5/22/12	6.68	26.6	2880	1600
		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
IW-6A	545565	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 Registry No.	Sample Date	pH (SU)	Temperature (deg C)	Specific Conductance (µS/cm)	Sulfate, Dissolved (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
		4/19/17	7.88	24.7	3538	1970
		4/24/18	7.81	24.4	2812	1950
IW-9	508238	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
		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
IW-10	508237	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 Registry No.	Sample Date	pH (SU)	Temperature (deg C)	Specific Conductance (µS/cm)	Sulfate, Dissolved (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
		4/24/18	7.69	23.2	2642	1810
		4/22/19	7.82	23.3	1352	1970
		4/21/20	7.76	23.8	3611	1770
IW-12	545555	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
		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
		4/21/20	7.88	24.8	3316	1630
IW-13	545556	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
		5/17/16	7.21	24.4	1922	2040
		4/18/17	7.74	26.2	3587	1980
IW-15	545558	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
		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
IW-16	545559	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
		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
IW-17	545560	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 Registry No.	Sample Date	pH (SU)	Temperature (deg C)	Specific Conductance (µS/cm)	Sulfate, Dissolved (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
		4/29/10	6.63	23.7	1455	1600
IW-19	545562	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
		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
		4/21/20	8.02	25.9	3651	1900
IW-20	545563	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 Registry No.	Sample Date	pH (SU)	Temperature (deg C)	Specific Conductance (µS/cm)	Sulfate, Dissolved (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
		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
IW-22	200554	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
		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
		4/21/20	7.70	23.7	3692	1860
IW-23	200555	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
		10/3/16	7.63	26.1	3684	1760
		4/19/17	7.85	24.7	3475	1910
IW-25	219596	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
		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
IW-26	219143	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
		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
		5/26/20	8.04	27.8	3460	1750
IW-27	219136	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
		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
		4/21/20	7.73	24.8	3530	1770
IW-28	219137	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
		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
IW-29	222865	5/12/14	NM	NM	NM	1680
		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
		4/21/20	7.71	24.9	3488	1750

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)
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[2]	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
		4/23/20	9.38	28.8	256	11.8

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)
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
		10/29/19	8.51	28.9	822	234
		4/23/20	8.45	28.6	897	208
		4/23/20 DUP	8.45	28.6	897	222
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
		4/24/20	9.25	29.0	2435	1280

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
		4/26/18	7.64	27.8	2592	1680
		4/22/19	7.74	26.5	1268	1710
		5/26/20	7.88	26.9	3437	1630
MC-2	221761	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
		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
		5/26/20	7.88	29.1	2583	1130
		5/26/20 DUP	7.88	29.1	2583	1100
MC-3	221661	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
		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
		5/26/20	7.91	28.6	2815	1390
MC-4	220842	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
		5/26/20	7.83	29.7	2760	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)
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
		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
		5/8/20	8.60	27.9	2594	1200
MH-11	803637	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
		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
		4/15/20	7.73	26.5	3090	1690
MH-13A	904071	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
		4/15/20	8.29	27.2	1996	798
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
		4/15/20	8.76	28.3	384	30.6
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
		4/10/18	7.42	28.4	2572	1830
MH-15W	528093	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
		10/19/17	7.86	24.0	3040	1830
		4/11/18	7.16	25.7	2765	1830
MH-16W	528099	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 Registry No.	Sample Date	pH (SU)	Temperature (deg C)	Specific Conductance (µS/cm)	Sulfate, Dissolved (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
		4/11/16 DUP	7.87	26.0	350	9.93
		5/2/17	8.20	25.7	349.1	10.00
MH-25B	208429	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
		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
		4/22/20	7.87	26.9	2757	1330
MH-25C	208426	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
		4/22/20	7.93	27.8	2689	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)
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
		4/22/20	9.18	27.6	3011	1600
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
		4/22/20	7.89	28.5	2628	1270

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-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
		10/1/19	7.72	25.3	3721	2000
		4/2/20	7.86	24.9	3710	1830

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-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
		10/15/19	7.29	24.1	3669	1770
		10/15/19 DUP	7.29	24.1	3669	1800
		4/2/20	7.59	24.4	3466	1720
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
		4/15/20	7.67	28.6	3676	1850

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)
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
		10/21/19	7.81	25.9	410	17.8
		4/16/20	7.97	26.5	423	20.2

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)
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
		10/21/19	7.86	26.5	1206	398
		4/16/20	8.06	27.4	914	45.5
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
		10/21/19	8.14	27.7	981	292
		4/16/20	8.56	26.9	587	25.7

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)
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
		4/14/20	8.02	26.7	822	255

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)
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
		10/22/19	8.92	26.8	266	<5.00
		1/16/20	8.66	25.5	314	13.4
		1/16/20 DUP	8.66	25.5	314	13.0
		4/13/20	8.80	25.7	240	18.4
		7/17/20	8.33	27.7	407	45.0
		7/17/20 DUP	8.33	27.7	407	42.6

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)
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
		10/22/19	9.62	29.2	426	39.5
		1/15/20	9.60	27.4	419	51.5
		4/13/20	8.75	28.6	536	31.7

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)
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
		10/22/19	7.73	25.2	472	35.6
		10/22/19 DUP	7.73	25.2	472	35.5
		11/14/19	7.76	25.7	475	34.5
		12/4/19	7.84	25.7	466	36.1
		12/4/19 DUP	7.84	25.7	466	35.9
		1/16/20	7.83	24.6	478	35.2
		2/5/20	8.00	23.8	469	45.3
		3/5/20	7.89	25.2	469	35.8
		4/14/20	7.96	25.0	462	36.3
		4/14/20 DUP	7.96	25.0	462	35.5
		7/28/20	7.88	26.1	465	34.8

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)
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
		10/17/19	8.08	28.9	453	44.4
		11/14/19	8.09	28.8	461	45.2
		12/4/19	8.10	26.8	459	46.7
		1/16/20	8.04	25.4	458	45.1
		2/5/20	8.22	26.2	453	55.0
		3/5/20	8.09	26.5	458	47.4
		4/14/20	8.21	25.8	450	53.7
		7/28/20	8.19	28.6	454	47.5

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)
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
		10/17/19	8.63	30.0	536	90.8
		11/14/19	8.71	30.1	543	88.6
		12/4/19	8.58	29.8	530	86.8
		12/4/19 DUP	8.58	29.8	530	85.3
		1/16/20	8.60	28.2	522	87.3
		2/5/20	8.56	28.3	529	93.4
		3/5/20	8.56	29.3	530	89.8
		4/14/20	8.71	29.2	536	119
		7/28/20	8.51	31.0	529	88.9

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)
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
		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
		10/10/19	8.04	28.4	1463	499
		11/13/19	8.00	28.1	1433	513
		11/13/19 DUP	8.00	28.1	1433	517
		12/3/19	8.00	27.0	1424	491
		1/15/20	8.06	27.8	1289	500
		1/15/20 DUP	8.06	27.8	1289	506
		2/4/20	8.09	26.4	1365	449
		3/4/20	8.10	27.3	1365	477
		4/7/20	8.20	28.6	1234	401

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)
MO-2007-5C	907457	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
		10/10/19	8.84	28.6	716	230
		11/13/19	8.55	28.0	793	250
		12/2/19	8.45	26.6	674	244
		1/14/20	8.73	26.9	753	230
		2/3/20	8.70	26.2	783	243
		3/3/20	8.59	26.9	762	240
		4/7/20	8.63	27.5	770	219

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)
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
		10/9/19	8.16	27.5	380	6.79
		11/12/19	8.33	27.5	383	9.70
		12/5/19	8.19	28.4	370	12.4
		1/13/20	8.06	28.3	382	13.6
		2/6/20	8.25	26.6	319	10.8
		2/6/20 DUP	8.25	26.6	319	11.0
		3/4/20	8.06	28.0	387	20.3
		4/8/20	8.14	29.3	429	21.5
		4/8/20 DUP	8.14	29.3	429	22.3
		7/27/20	8.49	27.9	270	6.51

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)
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
		10/9/19	7.84	30.8	403	48.6
		11/12/19	7.87	31.1	416	49.0
		12/5/19	7.97	32.2	416	49.1
		1/13/20	7.95	30.6	460	49.4
		2/6/20	7.93	29.7	408	51.9
		3/4/20	7.98	30.2	408	46.9
		4/8/20	8.05	31.8	360	39.4
		7/27/20	8.74	30.2	369	45.0

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)
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
		10/9/19	8.43	29.8	596	128
		11/11/19	8.42	30.7	533	95.5
		12/2/19	8.35	29.8	542	94.4
		1/13/20	8.35	27.6	582	100
		1/13/20 DUP	8.35	27.6	582	91.1
		2/4/20	8.41	25.4	512	94.1
		3/3/20	8.40	28.5	515	94.0
		4/7/20	8.43	29.4	540	96.6
		4/7/20 DUP	8.43	29.4	540	96.5
		7/16/20	8.45	30.6	544	103

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)
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
		10/29/19	7.78	26.8	457	21.5
		10/29/19 DUP	7.78	26.8	457	21.7
		4/23/20	8.07	26.3	352	28.6
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
		4/15/19	8.06	27.7	249	56.6
		10/28/19	8.32	28.4	468	60.7
		4/23/20	8.98	27.1	319	38.6
MW-2016-6	919676	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
		10/28/19	8.30	26.9	652	164
		4/23/20	8.79	26.8	298	37.5

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
		11/6/19	7.84	24.7	466	66.9
		2/18/20	7.89	25.3	461	58.5
		5/6/20	7.97	26.1	456	17.2
		8/11/20	7.96	25.9	467	42.5

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-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
		5/26/20	8.19	27.3	2595	1200
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
		4/16/19	7.83	26.9	1245	1070
		5/26/20	8.09	27.0	2202	965
PS-3	220863	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
		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
		5/26/20	8.06	27.4	1899	833
PS-4	220864	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
		5/26/20	8.46	27.4	2772	1210

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)
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
		5/2/18	7.66	24.2	1152	478
		4/16/19	8.04	24.6	948	528
		4/15/20	8.05	24.4	1384	490
PZ-8	561866	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
		4/15/20	7.83	23.0	1535	518

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)
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
µS/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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					5/14/13		258.20		2565.25	Sierrita
CCGV2	627484	3527694.880	502116.840	2805.88	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
					4/24/19		251.90	Static	2553.98	Sierrita
					12/17/19		260.61	Static	2545.27	Sierrita
					5/12/20		264.65	Static	2541.23	Sierrita
CW-3	627483	3523809.985	500047.663	2941.71	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[2]	2640.54	Sierrita
					2/27/15		301.40	Static[2]	2640.31	Sierrita
					3/18/15		301.16	Static[2]	2640.55	Sierrita
					4/28/15		304.04	Static[2]	2637.67	Sierrita
					5/11/15		303.79	Static[2]	2637.92	Sierrita
					6/2/15		304.11	Static[2]	2637.60	Sierrita
					7/24/15		307.31	Static[2]	2634.40	Sierrita
					8/25/15		308.58	Static[2]	2633.13	Sierrita
					10/28/15		309.02	Static[2]	2632.69	Sierrita
					11/5/15		308.88	Static[2]	2632.83	Sierrita
					1/7/16		308.56	Static[2]	2633.15	Sierrita
					2/12/16		308.40	Static[2]	2633.31	Sierrita
					3/8/16		308.34	Static[2]	2633.37	Sierrita
					6/9/16		311.20	Static[2]	2630.51	Sierrita
					12/6/16		314.38	Static[2]	2627.33	Sierrita
					5/23/17		317.80	Static[2]	2623.91	Sierrita
					11/30/17		318.19	Static[2]	2623.52	Sierrita
					6/26/18		320.82	Static[2]	2620.89	Sierrita
					12/5/18		318.59	Static[2]	2623.12	Sierrita
					5/7/19		317.65	Static	2624.06	Sierrita
					11/6/19		321.25	Static	2620.46	Sierrita
					5/6/20		324.00	Static	2617.71	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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[2]	2587.62	Sierrita
					1/13/15		279.20	Static[2]	2587.80	Sierrita
					4/14/15		284.00	Static[2]	2583.00	Sierrita
					7/27/15		290.59	Static[2]	2576.41	Sierrita
					10/20/15		290.71	Static[2]	2576.29	Sierrita
					1/20/16		290.45	Static[2]	2576.55	Sierrita
					4/19/16		293.12	Static[2]	2573.88	Sierrita
					8/22/16		298.70	Dynamic	2568.30	Sierrita
					10/31/16		300.81	Static[2]	2566.19	Sierrita
					1/17/17		298.58	Static[2]	2568.42	Sierrita
					5/16/17		303.85	Static[2]	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
					11/7/19		313.44	Static	2553.56	Sierrita
					1/14/20		311.38	Static[2]	2555.62	Sierrita
					5/5/20		319.34	Static[2]	2547.66	Sierrita
					8/12/20		323.99	Static[2]	2543.01	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					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
					11/7/19		490.37	Static	2497.13	Sierrita
					4/8/20		489.10	Static	2498.40	Sierrita
					5/5/20		489.49	Static	2498.01	Sierrita
CW-8	543600	3525480.529	499843.273	2957.50	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
					11/7/19		407.02	Static	2550.48	Sierrita
					5/5/20		408.86	Static	2548.64	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data Source
CW-9[3]	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[2]	2532.04	Sierrita
					1/13/15		328.35	Static[2]	2534.65	Sierrita
					4/14/15		331.47	Static[2]	2531.53	Sierrita
					7/27/15		338.28	Static[2]	2524.72	Sierrita
					10/20/15		342.55	Static[2]	2520.45	Sierrita
					1/20/16		338.6	Static[2]	2524.40	Sierrita
					4/19/16		339.68	Static[2]	2523.32	Sierrita
					4/28/16		337.98	Static[2]	2525.02	Clear Creek
					8/22/16		359.47	Static[2]	2503.53	Sierrita
					10/31/16		349.00	Static[2]	2514.00	Sierrita
					1/17/17		346.70	Static[2]	2516.30	Sierrita
					5/16/17		344.80	Static[2]	2518.20	Sierrita
					7/20/17		350.90	Static[2]	2512.10	Sierrita
					10/24/17		356.25	Static[2]	2506.75	Sierrita
					2/12/18		353.80	Static[2]	2509.20	Sierrita
					5/15/18		357.79	Static[2]	2505.21	Sierrita
					8/7/18		360.48	Static[2]	2502.52	Sierrita
					11/28/18		359.30	Static[2]	2503.70	Sierrita
					3/6/19		355.42	Static[2]	2507.58	Sierrita
					4/24/19		356.78	Static[2]	2506.22	Sierrita
					8/14/19		361.18	Static[2]	2501.82	Sierrita
					11/7/19		362.58	Static[2]	2500.42	Sierrita
					1/14/20		358.74	Static[2]	2504.26	Sierrita
					8/12/20		357.18	Static[2]	2505.82	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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[2]	2647.91	Sierrita
					10/13/14		223.99	Static[2]	2644.51	Sierrita
					1/13/15		216.94	Static[2]	2651.56	Sierrita
					4/14/15		230.95	Static[2]	2637.55	Sierrita
					7/27/15		236.30	Static[2]	2632.20	Sierrita
					10/20/15		224.82	Static[2]	2643.68	Sierrita
					1/20/16		222.82	Static[2]	2645.68	Sierrita
					4/19/16		226.81	Static[2]	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[2]	2639.83	Sierrita
					5/16/17		234.00	Static[2]	2634.50	Sierrita
					7/20/17		238.45	Static[2]	2630.05	Sierrita
					10/24/17		243.50	Static[2]	2625.00	Sierrita
					5/15/18		239.57	Static[2]	2628.93	Sierrita
					8/7/18		241.38	Static[2]	2627.12	Sierrita
					11/28/18		231.25	Static[2]	2637.25	Sierrita
					3/6/19		228.75	Static[2]	2639.75	Sierrita
					4/24/19		235.90	Static[2]	2632.60	Sierrita
					8/14/19		238.35	Static[2]	2630.15	Sierrita
					11/7/19		234.20	Static[2]	2634.30	Sierrita
					1/14/20		234.80	Static[2]	2633.70	Sierrita
					8/12/20		249.39	Static[2]	2619.11	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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[2]	2492.10	Sierrita
					4/19/16		281.75	Static[2]	2496.86	Sierrita
					10/31/16		289.5	Static[2]	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
					4/24/19 [4]		293.50	Static	2485.11	Sierrita
					11/7/19		380.00	Static[2]	2398.61	Sierrita
					5/5/20		293.00	Static	2485.61	Sierrita
ESP-1	623102	3526448.677	499969.682	2953.43	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

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/29/19		406.90	Static	2527.70	Sierrita
					11/25/19		405.05	Static	2529.55	Sierrita
					12/12/19		405.81	Static	2528.79	Sierrita
					1/9/20		405.31	Static	2529.29	Sierrita
					2/10/20		404.40	Static	2530.20	Sierrita
					3/11/20		404.20	Static	2530.40	Sierrita
					4/9/20		406.40	Static	2528.20	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/29/19		423.40	Static	2512.40	Sierrita
					11/25/19		422.40	Static	2513.40	Sierrita
					12/12/19		422.98	Static	2512.82	Sierrita
					1/9/20		422.60	Static	2513.20	Sierrita
					2/10/20		421.95	Static	2513.85	Sierrita
					3/11/20		421.58	Static	2514.22	Sierrita
					4/9/20		420.75	Static	2515.05	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data Source
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
					10/29/19		418.53	Static	2540.07	Sierrita
					11/25/19		416.32	Static	2542.28	Sierrita
					12/12/19		417.66	Static	2540.94	Sierrita
					1/9/20		417.10	Static	2541.50	Sierrita
					2/10/20		416.04	Static	2542.56	Sierrita
					3/11/20		415.76	Static	2542.84	Sierrita
					4/9/20		418.72	Static	2539.88	Sierrita
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
					12/17/19		258.00	Static	2562.00	Sierrita
					6/10/20		263.60	Static	2556.40	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		481.35	Dynamic	2590.05	BW
					6/5/20		490.00	Dynamic	2581.40	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data Source
FFS-3	221664	3525305.994	498351.2089	3083.90	4/20/13[1]	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
					10/8/19		546.60	Dynamic	2537.30	BW
					6/5/20		546.90	Dynamic	2537.00	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					6/5/20		586.50	Static	2521.23	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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[2]	2596.47	Sierrita
					5/22/19		286.11	Dynamic	2550.08	Sierrita
					12/18/19		241.00	Static	2595.19	Sierrita
FICO C-4A	231302	3525381.887	501794.157	2831.90	6/17/20		249.20	Dynamic	2582.70	Sierrita
FICO E-6	624013	3525168.902	502425.07	2841.16	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
					11/17/17		235.00	Static[2]	2606.16	Sierrita
FICO E-7	624014	3525678.894	503163.562	2832	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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[2]	2686.75	Sierrita
					7/22/15		261.03	Static[2]	2681.32	Sierrita
					10/21/15		354.60	Dynamic	2587.75	Sierrita
					1/19/16		257.60	Static[2]	2684.75	Sierrita
					4/20/16		260.50	Static[2]	2681.85	Sierrita
					8/24/16		352.10	Dynamic	2590.25	Sierrita
					11/3/16		261.00	Static[2]	2681.35	Sierrita
					1/19/17		257.00	Static[2]	2685.35	Sierrita
					5/15/17		258.25	Static[2]	2684.10	Sierrita
					7/13/17		264.20	Static[2]	2678.15	Sierrita
					10/25/17		267.43	Static[2]	2674.92	Sierrita
					2/13/18		255.82	Static[2]	2686.53	Sierrita
					8/15/18		265.42	Static[2]	2676.93	Sierrita
					11/28/18		259.31	Static[2]	2683.04	Sierrita
					3/7/19		255.00	Static[2]	2687.35	Sierrita
					4/25/19		262.35	Static[2]	2680.00	Sierrita
					7/30/19		265.21	Static[2]	2677.14	Sierrita
					11/5/19		298.60	Static[2]	2643.75	Sierrita
					1/20/20		257.75	Static[2]	2684.60	Sierrita
					5/14/20		264.50	Static[2]	2677.85	Sierrita
					8/13/20		269.91	Static[2]	2672.44	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					4/18/19		176.50	Static	2613.15	Sierrita
					5/28/20		177.70	Static	2611.95	Sierrita
GV-02-GVDWID	603429	3521654.457	499786.207	2930.47	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[2]	2708.57	Sierrita
					4/15/15		223.10	Static[2]	2707.37	Sierrita
					10/21/15		229.80	Static[2]	2700.67	Sierrita
					1/19/16		UTM		NA	Sierrita
					4/20/16		233.00	Static[2]	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[2]	2702.05	Sierrita
					11/28/18		223.90	Static[2]	2706.57	Sierrita
					3/7/19		218.75	Static[2]	2711.72	Sierrita
					4/25/19		224.07	Static[2]	2706.40	Sierrita
					7/30/19		231.02	Static[2]	2699.45	Sierrita
					11/5/19		225.00	Static[2]	2705.47	Sierrita
					1/20/20		218.30	Static[2]	2712.17	Sierrita
					5/14/20		243.30	Dynamic	2687.17	Sierrita
					8/13/20		230.70	Static[2]	2699.77	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
					5/28/20		176.20	Static	2599.22	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					11/15/19		387.20	Dynamic	2655.45	Sierrita
					5/14/20		389.10	Dynamic	2653.55	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
					6/9/20		837.34	Static	2491.42	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		462.20	Dynamic	2682.49	BW
					6/5/20		474.65	Dynamic	2670.04	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					11/26/18		370.10	Static	2742.18	BW
					5/7/19		370.20	Static	2742.08	BW
					10/8/19		374.00	Static	2738.28	BW
					6/5/20		404.90	Dynamic	2707.38	BW
IW-3A	201732	3521723.533	497380.342	3121.45	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		470.20	Dynamic	2651.25	BW
					6/5/20		472.40	Dynamic	2649.05	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					5/7/19		362.80	Static	2774.26	BW
					10/8/19		361.10	Static	2775.96	BW
					6/5/20		365.80	Static	2771.26	BW
IW-5	623133	3522814.850	497369.528	3137.65	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		383.80	Static	2707.67	BW
					6/5/20		389.90	Static	2701.57	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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	Dynamic	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		410.20	Static	2722.06	BW
					6/5/20		417.20	Static	2715.06	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		468.80	Dynamic	2653.39	BW
					6/5/20		387.10	Static	2735.09	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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	Dynamic	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		398.50	Static	2731.14	BW
					6/5/20		406.20	Static	2723.44	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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	Dynamic	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	Dynamic	2654.46	Sierrita
					2/24/14	404.71		Static		BW, 2015a
					2/25/14		404.71	Static	2722.49	Sierrita
					3/24/14		473.94	Dynamic	2653.26	Sierrita
					3/31/14	473.94		Dynamic		BW, 2015a
					4/28/14		403.28	Dynamic	2723.92	Sierrita
					5/30/14		Obstructed		NA	Sierrita
					6/9/14		398.70	Static	2728.50	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					1025/17		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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		485.30	Dynamic	2652.88	BW
					6/5/20		509.15	Dynamic	2629.03	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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	Dynamic	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		400.20	Static	2743.15	BW
					6/5/20		404.20	Static	2739.15	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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	Dynamic	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		390.90	Static	2755.52	BW
					6/5/20		394.10	Static	2752.32	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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	Dynamic	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		399.80	Static	2752.22	BW
					6/5/20		401.70	Static	2750.32	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					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
					10/8/19		413.10	Static	2749.75	BW
					6/5/20		414.60	Static	2748.25	BW
IW-17	545560	3525002.869	497373.717	3160.76	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		444.20	Static	2716.56	BW
					6/5/20		445.90	Static	2714.86	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					5/22/18		461.80	Static	2709.35	BW
					11/26/18		DRY		DRY	BW
					5/7/19		DRY		DRY	BW
					10/8/19		DRY		DRY	BW
					6/5/20		DRY		DRY	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data Source
IW-19	545562	3525343.392	497373.630	3155.39	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					6/5/20		481.10	Dynamic	2674.29	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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	Dynamic	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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	BW
					10/8/19		425.10	Static	2739.11	BW
					6/5/20		432.50	Static	2731.71	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data Source
IW-21	545564	3525773.266	497374.585	3171.37	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
					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
					5/22/18		425.80	Static	2745.57	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data Source
IW-22	200554	3523273.592	497369.590	3128.25	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		372.00	Static	2756.53	BW
					6/5/20		378.40	Static	2750.13	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		350.60	Static	2762.69	BW
					6/5/20		356.40	Static	2756.89	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		437.60	Dynamic	2654.06	BW
					6/5/20		375.10	Static	2716.56	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		426.30	Dynamic	2673.73	BW
					6/5/20		434.40	Dynamic	2665.63	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		429.30	Dynamic	2691.03	BW
					6/5/20		453.75	Dynamic	2666.58	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					5/7/19		409.65	Dynamic	2701.06	BW
					10/8/19		402.90	Static	2707.81	BW
					6/5/20		411.30	Static	2699.41	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		437.60	Dynamic	2650.40	BW
					6/5/20		441.20	Dynamic	2646.80	BW
M-1	85228	3531163.257	500054.877	2959.57	5/2/19		470.58	Static	2488.99	Sierrita
					12/19/19		477.26	Static	2482.31	Sierrita
					6/9/20		478.11	Static	2481.46	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
					12/17/19		515.85	Static	2478.29	Sierrita
					6/10/20		514.82	Static	2479.32	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/29/19		519.92	Static	2477.04	Sierrita
					4/23/20		515.13	Static	2481.83	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					4/23/20		487.20	Static	2483.82	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/29/19		526.10	Static	2476.59	Sierrita
					4/23/20		519.23	Static	2483.46	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
					5/2/19		449.58	Static	2489.24	Sierrita
					12/17/19		456.79	Static	2482.03	Sierrita
					6/9/20		456.99	Static	2481.83	Sierrita
M-13	508428	3530907.067	498739.360	3077.00	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					12/17/19		561.99	Static	2492.01	Sierrita
					4/24/20		560.85	Static	2493.15	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		496.45	Dynamic	2542.17	BW
					6/5/20		498.70	Dynamic	2539.92	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		557.80	Dynamic	2504.53	BW
					6/5/20		559.70	Dynamic	2502.63	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		604.70	Dynamic	2491.34	BW
					6/5/20		605.60	Dynamic	2490.44	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					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
					12/17/19		460.94	Static	2718.33	Sierrita
					6/10/20		464.29	Static	2714.98	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data Source
MH-3	803630	3525270.181	497472.430	3155.87	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
					12/17/19		446.81	Static	2709.06	Sierrita
					6/10/20		452.37	Static	2703.50	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					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
					6/10/20		421.98	Static	2701.49	Sierrita
MH-6	803633	3522770.451	497436.646	3133.97	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
					12/17/19		386.48	Static	2747.49	Sierrita
					6/10/20		387.40	Static	2746.57	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					11/15/18		384.10	Static	2727.13	Sierrita
					5/1/19		373.20	Static	2738.03	Sierrita
					12/17/19		394.10	Static	2717.13	Sierrita
					6/10/20		386.42	Static	2724.81	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data Source
MH-9	803635	3521252.607	496438.181	3162.57	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
					12/17/19		393.84	Static	2768.73	Sierrita
					6/10/20		394.83	Static	2767.74	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					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
					12/17/19		376.66	Static	2811.18	Sierrita
					5/8/20		377.03	Static	2810.81	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data Source
MH-11	803637	3524463.648	498749.381	3041.76	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
					12/17/19		440.36	Static	2601.40	Sierrita
					12/17/19		440.36	Static	2601.40	Sierrita
					4/15/20		442.72	Static	2599.04	Sierrita
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

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data Source
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
					12/17/19		385.37	Static	2640.86	Sierrita
					4/15/20		386.24	Static	2639.99	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					12/17/19		390.95	Static	2634.68	Sierrita
					4/15/20		392.00	Static	2633.63	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					12/17/19		401.93	Static	2626.53	Sierrita
					4/15/20		401.96	Static	2626.50	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/2/19		446.00	Static	2707.46	Sierrita
					4/1/20		449.14	Static	2704.32	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					12/17/19		408.82	Static	2702.55	Sierrita
					6/10/20		413.21	Static	2698.16	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					5/1/19		DRY		DRY	Sierrita
					12/17/19		DRY		DRY	Sierrita
					6/10/20		DRY		DRY	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/31/19		379.15	Static	2721.09	Sierrita
					4/1/20		380.29	Static	2719.95	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/23/17		UTM		NA	Sierrita
					6/11/18		402.59	Static	2728.57	Sierrita
					11/15/18		402.56	Static	2728.60	Sierrita
MH-25A	201528	3526510.175	498880.349	3056.57	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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					12/17/19		525.78	Static	2532.44	Sierrita
					4/22/20		525.07	Static	2533.15	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					12/17/19		525.35	Static	2531.89	Sierrita
					4/22/20		524.69	Static	2532.55	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					12/17/19		562.35	Static	2508.15	Sierrita
					4/22/20		561.88	Static	2508.62	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					12/17/19		563.61	Static	2505.50	Sierrita
					4/22/20		563.14	Static	2505.97	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/1/19		414.61	Static	2727.57	Sierrita
					4/2/20		415.91	Static	2726.27	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/15/19		395.46	Static	2727.69	Sierrita
					4/2/20		403.16	Static	2719.99	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					12/17/19		429.49	Static	2802.96	Sierrita
					4/15/20		430.64	Static	2801.81	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/21/19		484.18	Static	2480.48	Sierrita
					4/16/20		480.12	Static	2484.54	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/21/19		484.70	Static	2480.14	Sierrita
					4/16/20		480.09	Static	2484.75	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/21/19		483.86	Static	2484.72	Sierrita
					4/16/20		479.61	Static	2488.97	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					12/17/19		644.70	Static	2506.17	Sierrita
					4/14/20		644.15	Static	2506.72	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data Source
MO-2007-3B[5]	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
					10/22/19		417.22	Static	2491.90	Sierrita
					1/16/20		415.28	Static	2493.84	Sierrita
					4/13/20		413.83	Static	2495.29	Sierrita
					7/17/20		418.67	Static	2490.45	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/22/19		417.85	Static	2491.02	Sierrita
					1/15/20		415.67	Static	2493.20	Sierrita
					4/13/20		413.97	Static	2494.90	Sierrita
					7/17/20		419.46	Static	2489.41	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/22/19		371.38	Static	2552.25	Sierrita
					11/14/19		370.76	Static	2552.87	Sierrita
					12/4/19		370.45	Static	2553.18	Sierrita
					1/16/20		369.83	Static	2553.80	Sierrita
					2/5/20		369.81	Static	2553.82	Sierrita
					3/5/20		369.72	Static	2553.91	Sierrita
					4/14/20		371.94	Static	2551.69	Sierrita
					7/28/20		376.67	Static	2546.96	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/17/19		372.08	Static	2551.49	Sierrita
					11/14/19		370.90	Static	2552.67	Sierrita
					12/4/19		370.16	Static	2553.41	Sierrita
					1/16/20		369.40	Static	2554.17	Sierrita
					2/5/20		369.40	Static	2554.17	Sierrita
					3/5/20		369.80	Static	2553.77	Sierrita
					4/14/20		373.75	Static	2549.82	Sierrita
					7/28/20		378.74	Static	2544.83	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/17/19		373.41	Static	2550.25	Sierrita
					11/14/19		372.10	Static	2551.56	Sierrita
					12/4/19		371.51	Static	2552.15	Sierrita
					1/16/20		370.67	Static	2552.99	Sierrita
					2/5/20		370.66	Static	2553.00	Sierrita
					3/5/20		371.00	Static	2552.66	Sierrita
					4/14/20		375.62	Static	2548.04	Sierrita
					7/28/20		380.65	Static	2543.01	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/10/19		318.67	Static	2625.68	Sierrita
					11/13/19		319.10	Static	2625.25	Sierrita
					12/3/19		319.57	Static	2624.78	Sierrita
					1/15/20		320.51	Static	2623.84	Sierrita
					2/4/20		320.47	Static	2623.88	Sierrita
					3/4/20		318.39	Static	2625.96	Sierrita
					4/7/20		324.16	Static	2620.19	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/10/19		329.52	Static	2615.39	Sierrita
					11/13/19		330.08	Static	2614.83	Sierrita
					12/2/19		330.78	Static	2614.13	Sierrita
					1/14/20		330.49	Static	2614.42	Sierrita
					2/3/20		331.50	Static	2613.41	Sierrita
					3/3/20		330.92	Static	2613.99	Sierrita
					4/7/20		334.74	Static	2610.17	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/9/19		331.46	Static	2711.91	Sierrita
					11/12/19		333.10	Static	2710.27	Sierrita
					12/5/19		333.30	Static	2710.07	Sierrita
					1/13/20		333.17	Static	2710.20	Sierrita
					2/6/20		333.54	Static	2709.83	Sierrita
					3/4/20		333.61	Static	2709.76	Sierrita
					4/8/20		333.84	Static	2709.53	Sierrita
					7/27/20		335.49	Static	2707.88	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/9/19		348.40	Static	2694.65	Sierrita
					11/12/19		350.72	Static	2692.33	Sierrita
					12/5/19		350.71	Static	2692.34	Sierrita
					1/13/20		351.50	Static	2691.55	Sierrita
					2/6/20		352.68	Static	2690.37	Sierrita
					3/4/20		352.69	Static	2690.36	Sierrita
					4/8/20		353.02	Static	2690.03	Sierrita
					7/27/20		354.27	Static	2688.78	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data Source
MO-2009-1[5]	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
					10/9/19		258.60	Static	2632.18	Sierrita
					11/11/19		258.12	Static	2632.66	Sierrita
					12/2/19		261.61	Static	2629.17	Sierrita
					1/13/20		266.50	Static	2624.28	Sierrita
					2/4/20		265.15	Static	2625.63	Sierrita
					3/3/20		264.00	Static	2626.78	Sierrita
					4/7/20		268.91	Static	2621.87	Sierrita
					7/16/20		269.06	Static	2621.72	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					2/19/19		437.10	Static	2489.97	Sierrita
					4/15/19		437.62	Static	2489.45	Sierrita
					10/29/19		449.22	Static	2477.85	Sierrita
					4/23/20		441.70	Static	2485.37	Sierrita
MW-2016-5B	919472	3529722.72	500444.100	2925.46	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
					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
					10/28/19		446.92	Static	2478.54	Sierrita
					4/23/20		439.64	Static	2485.82	Sierrita
MW-2016-6	919676	3529884.009	500056.237	2969.20	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
					10/28/19		491.78	Static	2477.42	Sierrita
					4/23/20		484.81	Static	2484.39	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data Source
NP-2[5]	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
					11/6/19		412.51	Static	2492.24	Sierrita
					2/18/20		410.07	Static	2494.68	Sierrita
					5/6/20		410.57	Static	2494.18	Sierrita
					8/11/20		414.40	Static	2490.35	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		577.50	Dynamic	2463.17	BW
					6/5/20		575.80	Dynamic	2464.87	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					6/5/20		565.50	Dynamic	2461.86	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		547.80	Dynamic	2458.49	BW
					6/5/20		555.55	Dynamic	2450.74	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					10/8/19		571.60	Dynamic	2474.14	BW
					6/5/20		571.90	Dynamic	2473.84	BW

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data 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
					11/13/17		139.55	Static	3409.62	Sierrita
					5/2/18		139.86	Static	3409.31	Sierrita
					11/14/18		140.33	Static	3408.84	Sierrita
					4/16/19		140.29	Static	3408.88	Sierrita
					12/17/19		140.66	Static	3408.51	Sierrita
					4/15/20		140.75	Static	3408.42	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
					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
					12/17/19		228.66	Static	3251.70	Sierrita
					4/14/20		229.11	Static	3251.25	Sierrita
S-1	623111	3519084.973	499736.647	2920	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
					12/17/19		152.40	Static	2767.60	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data Source
ST-6 (POE-006)	608530	3531352.523	501247.709	2855.88	6/18/15		356.25	Static[2]	2499.63	Sierrita
					11/25/15		353.30	Static[2]	2502.58	Sierrita
					6/15/16		359.59	Static[2]	2496.29	Sierrita
					12/21/16		355.76	Static[2]	2500.12	Sierrita
					6/8/17		366.60	Static[2]	2489.28	Sierrita
					11/16/17		367.00	Static[2]	2488.88	Sierrita
					6/11/18		374.22	Static[2]	2481.66	Sierrita
					12/11/18		372.00	Static[2]	2483.88	Sierrita
					5/8/19		371.72	Static	2484.16	Sierrita
					12/17/19		373.90	Static[2]	2481.98	Sierrita
TMM-1	616156	3529736.231	500018.323	2967.08	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
					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
1225	634394	3530604.785	499665.900	2997.93	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
					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
					12/17/19		519.02	Static	2478.91	Sierrita
					6/10/20		517.99	Static	2479.94	Sierrita
1350	NR	3528649.387	499296.433	3033.25	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
					12/17/19		544.00	Static	2489.25	Sierrita
					6/10/20		543.50	Static	2489.75	Sierrita

TABLE 4
Compilation of Groundwater Elevation Data

Well Name	ADWR 55 Registry Number	Universal Transverse Mercator, Northing (m)[1]	Universal Transverse Mercator, Easting (m)[1]	Measuring Point Elevation (ft amsl)	Date	Depth to Water (ft bls)	Depth to Water (ft bmp)	Static/ Dynamic	Groundwater Elevation (ft amsl)	Data Source
1758	634392	3532416.721	499666.531	2985.20	4/10/19		496.34	Static	2488.86	Sierrita
					12/19/19		507.26	Static	2477.94	Sierrita
					6/10/20		503.04	Static	2482.16	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
					4/10/19		498.86	Static	2490.68	Sierrita
					12/17/19		508.05	Static	2481.49	Sierrita
					6/10/20		507.40	Static	2482.14	Sierrita
2123	511895	3531870.787	499663.205	2984.85	4/10/19		497.00	Static	2487.85	Sierrita
					12/19/19		506.00	Static	2478.85	Sierrita
					6/10/20		505.33	Static	2479.52	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
					12/18/19		764.00	Static	2489.98	Sierrita
					6/9/20		768.69	Static	2485.29	Sierrita

Notes:

[1] Universal Transverse Mercator, Zone 12 North American Datum 1983 (NAD83)

[2] Well was not pumping, however there may be residual drawdown due to pumping history at the well

[3] Measuring point elevation updated based on Google Earth 2016 aerial photo and elevation data

[4] 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

[5] 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

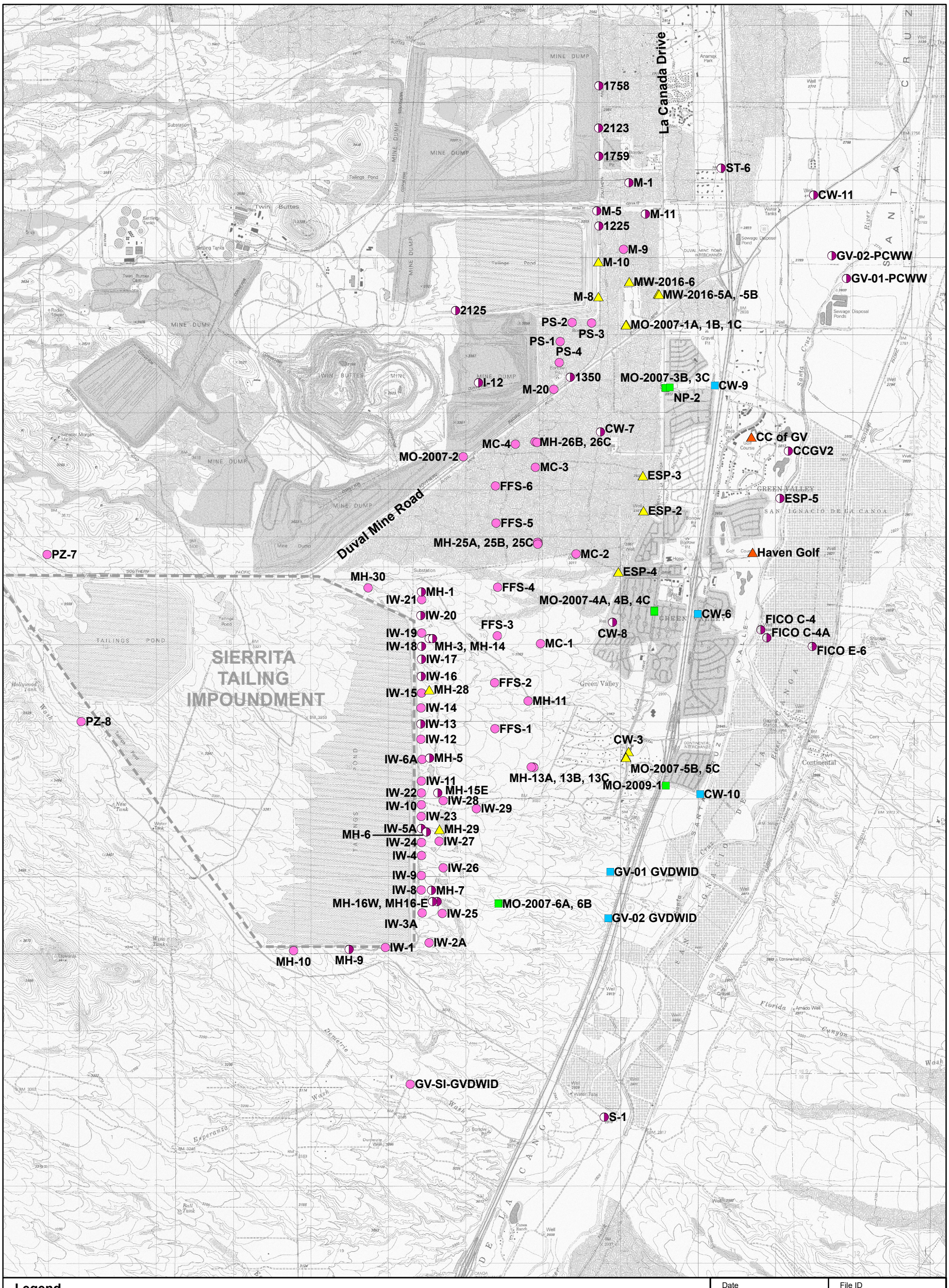
NA = Not applicable

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)

Scale

0 2,000 4,000 8,000

Feet

Notes

Projection: UTM Zone 12N NAD83

Date	File ID
8/27/19	055039-006M

CLEAR CREEK ASSOCIATES

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

M-9 11.8
M-10 208 / 222
MW-2016-6 37.5
MW-2016-5A 28.6
MW-2016-5B 38.6
M-8 IWS
PS-3 833
PS-2 965
PS-1 1200
PS-4 1210
M-20 1280
MC-4 1320
MC-3 1390
FFS-6 WIO
FFS-5 WIO
MC-2 1130 / 1100
FFS-4 1270
FFS-3 1470
MC-1 1630
FFS-2 1780
MH-11 1690
FFS-1 2000
MO-2007-1A, 1B, 1C
460-600 20.2
740-900 45.5
1020-1180 25.7
250
MH-26B, 26C
620-730 1600
780-900 1270
MO-2007-2 255
MH-25A, 25B, 25C
410-530 IWS
580-680 1330
731-901, 951-1081 1320
DUVAL MINE RD
PZ-7 490
MH-30 1850
IW-21 WIO
IW-19 1900
MH-28 1830
IW-15 WIO
IW-14 WIO
PZ-8 518
SIERRITA
TAILING
IMPOUNDMENT
IW-12 1630
IW-6A WIO
IW-11 1770
IW-22 1860
IW-10 WIO
IW-23 WIO
IW-24 WIO
IW-4 WIO
IW-26 1750
IW-9 WIO
IW-8 WIO
IW-3A 1620
IW-28 WIO
IW-29 1750
MH-29 1720
IW-27 1770
IW-25 WIO
IW-2A 359
MH-10 1200
IW-1 1150 / 1140
500
1000
1500
1500
1000
500
250
NP-2, MO-2007-3B, 3C
331-500 17.2
740-940 18.4
1160-1320 31.7
CW-9 52.2
CW-7
600 36.7
700 42.5
800 69.6
900 69.6
CC of GV 107
ESP-3 35.9
ESP-2 30.0
Haven Golf 98.2
ESP-4 136
CW-6 66.0
MO-2007-4A, 4B, 4C
360-560 36.3 / 35.5
669-939 53.7
1090-1130 119
MH-13A, 13B, 13C
300-650 WIO
750-950 798
1050-1350 30.6
CW-3, MO-2007-5B, 5C
182-500 69.2
660-960 401
1050-1350 219
MO-2009-1 96.6 / 96.5
CW-10 45.1
GV-01 GVDWID 18.1
GV-02 GVDWID 49.2
MO-2007-6A, 6B
310-390, 430-610 21.5 / 22.3
780-940 39.4
GV-SI-GVDWID 7.02 / 7.38
19

Legend

Sulfate Concentration Contour (mg/L)

IW-9 Well ID
1690 Sulfate Concentration (mg/L, Duplicate results separated by "/")
WIO Well Inoperable
IWS Insufficient Water for Sampling - Water near or below pump

Co-Located Wells (except CW-7*)
Screened Interval (ft bls):**Sulfate Concentration (mg/L)**
*Depth Specific Sample depth at CW-7

Well Symbols
- Extraction Well
- Monitor Well
- Sentinel Well
- Drinking Water Supply Well

0 2,000 4,000 8,000
Feet

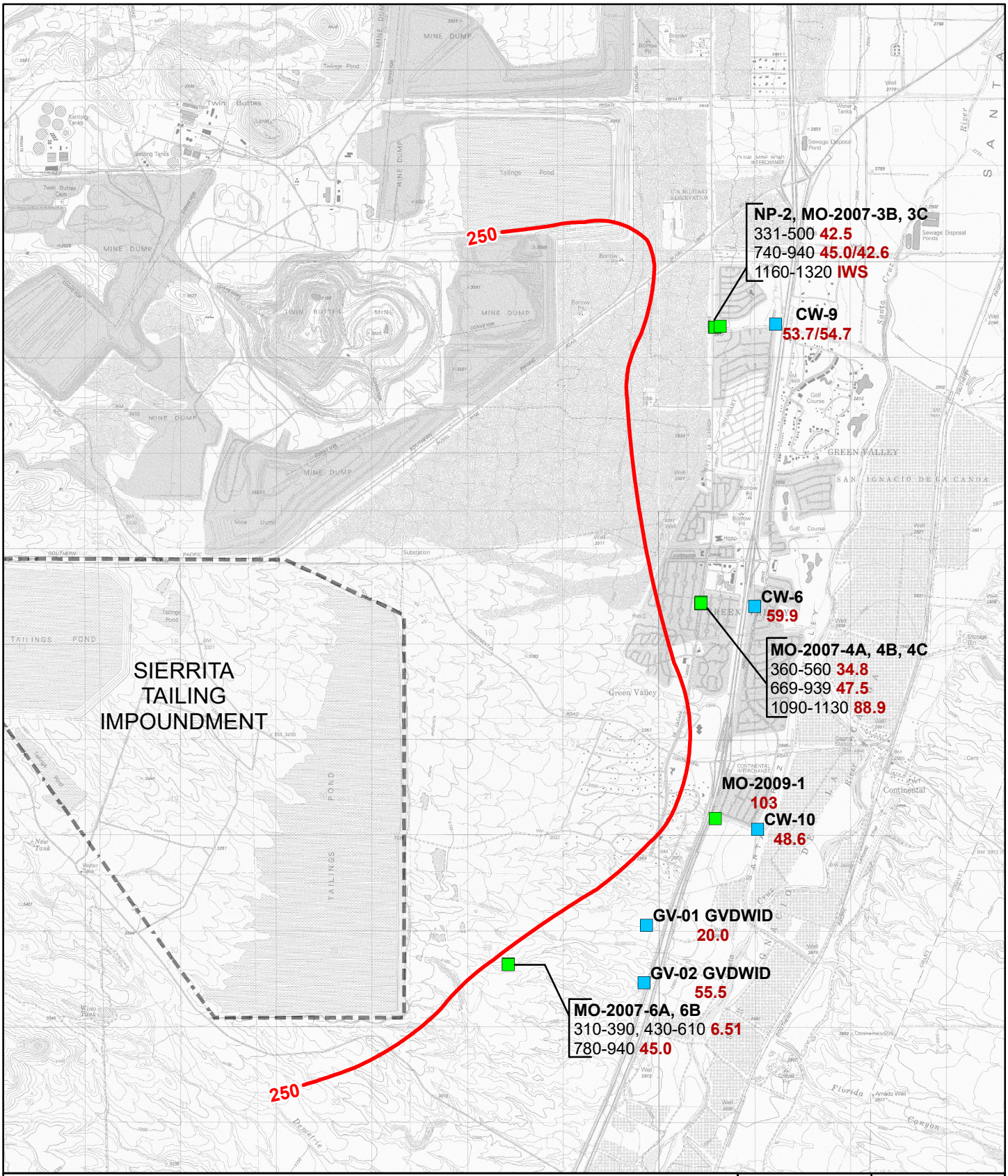
Notes

Projection: UTM Zone 12N NAD83
mg/L = milligrams per liter
ft bls = feet below land surface

Date	File ID
10/28/2020	055039-299A

CLEAR CREEK ASSOCIATES

FIGURE 2
Sulfate Concentrations in Groundwater
Second Quarter 2020



Legend

- 250 mg/L Sulfate Concentration Contour
- **CW-9** Well ID
- **53.7/54.7** Sulfate Concentration (mg/L), Duplicate results separated by "/"
- **IWS** Insufficient Water for Sampling - water near or below pump
- 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

CLEAR CREEK ASSOCIATES

File ID 055039-303

Date 9/16/2020

FIGURE 3
Sulfate Concentrations in Groundwater
Third Quarter 2020

1758 2482.16
2123 2479.52
1759 2482.14
ST-6 UTM
M-1 2481.46
CW-11 2485.61
M-5 2479.32
1225 2479.94
M-11 2481.83
M-9 2483.82
M-10 2483.46
GV-02-PCWW 2599.22
MW-2016-5A, 5B
498-739 2485.37
813-1101 2485.82
GV-01-PCWW 2611.95
MW-2016-6 2484.39
M-8 2481.83
MO-2007-1A, 1B, 1C
460-600 2484.54
740-900 2484.75
1020-1180 2488.97
2125 2485.29
PS-3 2450.74
PS-2 2461.86
NP-2, MO-2007-3B, 3C
331-500 2494.18
740-940 2495.29
1160-1320 2494.90
PS-1 2464.87
PS-4 2473.84
1350 2489.75
I-12 2491.42
M-20 2493.15
CW-9 UTM
MH-26B, 26C
620-730 2508.62
780-900 2505.97
CW-7 2498.01
MC-4 2490.44
MO-2007-2 2506.72
MC-3 2502.63
CCGV2 2541.23
MH-25A, 25B, 25C
410-530 UTM
580-680 2533.15
731-901, 951-1081 2532.55
ESP-3 2515.05
FFS-6 UTM
ESP-5 2556.40
ESP-2 2528.20
FFS-5 2521.23
MC-2 UTM
ESP-4 2539.88
PZ-7 3408.42
MH-30 2801.81
FFS-4 UTM
IW-21 UTM
MH-1 2714.98
IW-20 2731.71
CW-6 2547.66
CW-8 2548.64
FICO C-4A 2582.70
IW-19 2674.29
FFS-3 2537.00
MC-1 2539.92
FICO E-6 UTM
IW-18 DRY
MH-14 2704.32
IW-17 2714.86
MH-3 2703.50
MO-2007-4A, 4B, 4C
360-560 2551.69
669-939 2549.82
1090-1130 2548.04
SIERRITA
TAILING
IMPOUNDMENT
IW-16 2748.25
FFS-2 UTM
IW-15 2750.32
MH-28 2726.27
MH-11 2599.04
IW-14 2752.32
IW-13 2739.15
PZ-8 3251.25
FFS-1 2581.40
IW-12 2629.03
CW-3, MO-2007-5B, 5C
182-500 2617.71
660-960 2620.19
1050-1350 2610.17
IW-6A 2715.06
MH-5 2701.49
IW-11 UTM
IW-22 UTM
MH-15E 2698.16
MO-2009-1 2621.87
IW-28 2699.41
CW-10 UTM
IW-10 2723.44
IW-29 2646.80
MH-13A, 13B, 13C
300-650 2639.99
750-950 2633.63
1050-1350 2626.50
IW-23 2750.13
MH-6 2746.57
IW-5A 2701.57
MH-29 2719.99
IW-24 2756.89
IW-27 2666.58
IW-4 2771.26
IW-26 2665.63
IW-9 UTM
GV-01 GVDWID 2677.85
IW-8 2735.09
MH-7 2724.81
MH-16W, 16E 2719.95, DRY
IW-3A 2649.05
IW-25 2716.56
GV-02 GVDWID 2687.17
IW-1 2670.04
IW-2A 2707.38
MH-10 2810.81
MH-9 2767.74
MO-2007-6A, 6B
310-390 2709.53
780-940 2690.03
GV-SI-GVDWID 2653.55
S-1 UTM
2480
2485
2490
2495
2500
2505
2510
2515
2520
2525
2530
2535
2540
2545
2550
2555
2560
2580
2600
2620
2640
2660
2680
2700
2720
2740
2760
2780
2800
3400
3200
3000

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
2617.71 Groundwater Elevation (ft amsl)
UTM Unable to Measure; designation includes physical limitations, not well desaturation

Co-Located Wells
Screened Interval (ft bls): **Groundwater Elevation (ft amsl)**

0 2,000 4,000 8,000
Feet

Well Symbols

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

Notes

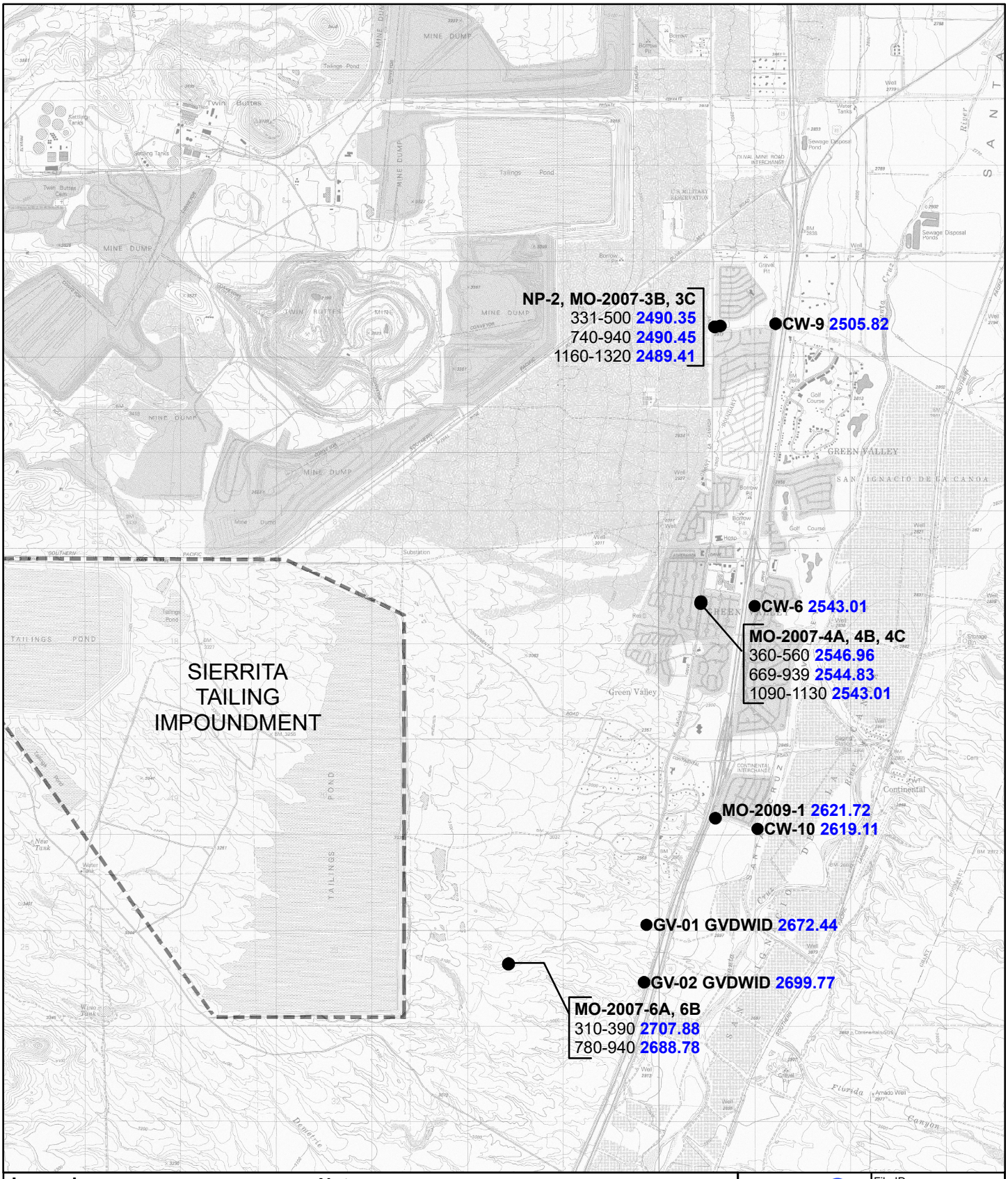
Projection: UTM Zone 12N NAD83
ft amsl = feet above mean sea level
ft bls = feet below land surface

CLEAR CREEK ASSOCIATES

File ID
055039-301

Date
10/28/2020

FIGURE 4
Groundwater Elevations,
Second Quarter 2020



Legend

CW-9 Well ID

2505.82 Groundwater Elevation (ft amsl)

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

Well Symbols

● Wells with Static Water Levels

Notes

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

0 2,500 5,000
Feet

CLEAR CREEK ASSOCIATES

File ID 055039-302

Date 9/15/2020

FIGURE 5
Groundwater Elevations
Third Quarter 2020

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

November 2, 2020

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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 2020 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 quality assurance and quality control (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 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 and Turner project numbers in the following table.

The results of the internal QA/QC tests performed by ACZ and Turner 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, the laboratories 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 2020 Number of wells sampled: 69 Number of well samples collected (including duplicates and multiple samples from one well): 79 Number of duplicate samples collected: 7 Number of blanks collected: 9 Number of reanalyzed samples: 1 (one sample run in duplicate) Total number of analyses: 90	
L58264	MH-28, MH-29
20D0273	MO-2009-1, MO-2007-5C, MO-2007-5B, CW-7600, CW-7700, CW-7800, CW-7900, MO-2007-6B, MO-2007-6A, ESP-4, ESP-2, ESP-3, DUP20200407A, EQB20200407A, FB20200407A, DUP20200408A
20D0402	MO-2007-3C, MO-2007-3B, MO-2007-4C, MO-2007-4B, MO-2007-4A, MO-2007-2, PZ-8, PZ-7, MH-11, MH-13C, MH-13B, MH-30, MO-2007-1C, MO-2007-1B, MO-2007-1A, DUP20200414A, EQB20200414A, FB20200414A
20E0212	CW-10, CW-6, CW-9, CW-3, NP-2, MH-10
20D0553	IW-19, IW-12, IW-11, IW-22, IW-29, IW-27, MH-26C, MH-26B, MH-25C, MH-25B, M-9, MW-2016-06, MW-2016-05B, MW-2016-05A, M-10, M-20, FB20200421A, DUP20200423A, EQB20200423A, FB20200423A
20E0575	IW-26, MC-4, IW-3A, FFS-3, FFS-4, MC-1, PS-3, FFS-1, FFS-2, MC-2, MC-3, PS-2, PS-1, PS-4, IW-1, IW-2A, DUP20200526A, DUP20200526B, EQB20200526A, FB20200526A
20E0338	HAVENGOLF, CCGV, GV-1, GV-2, SIWELL, DUP20200514A
Third Quarter 2020 Number of wells sampled: 13 Number of well samples collected (including duplicates and multiple samples from one well): 15 Number of duplicate samples collected: 2 Number of blanks collected: 2 Number of reanalyzed samples: 1 Total number of analyses: 18	
20G0506	MO-2009-1, MO-2007-3B, EQB20200717A, FB20200717A, DUP20200717A
20G0729	MO-2007-6B, MO-2007-6A, MO-2007-4C, MO-2007-4B, MO-2007-4A
20H0368	NP-2
20H0444	CW-10, CW-6, CW-9, GV-1, GV-2, DUP20200812A

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 2020 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. Neither ACZ or Turner reported samples outside of their temperature guidelines for second and third quarters 2020.

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 (mg/L)	RL/PQL (mg/L)	Target MDL[1] (mg/L)
ACZ	ASTM D516-02/07	100	500	10
Turner	EPA 300.0	1.5-300	5-1000	10

mg/L = milligrams per liter

[1] 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 Turner using method EPA 300.0 was 5 mg/L. There were no undiluted samples reported by ACZ in the second or third quarters 2020 however, the PQL for an undiluted sample using method ASTM D516-02/-07 reported by ACZ in past quarters was 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. The analyses of 11 samples were completed outside of the 28-day holding time in the second quarter 2020. The initial analysis of one sample, the reanalysis of nine samples for the required dilution, and the client requested reanalysis of one sample were completed after the holding time for sampled collected in the second quarter 2020. The 11 samples are included on laboratory reports 20D0402 and 20D0553. Turner indicated that the delayed analyses were due to an unusually high volume of samples and difficulty with calibration of equipment. The results of samples analyzed outside of the holding time were consistent with historic results at those wells and no qualifications were recommended by the laboratory.

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 report 20G0506. The M2 flag was used in reports 20D0553 and 20H0444. The M3 flag was used in report L58264. In all three 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 the laboratories.

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

One sample was submitted for re-analysis in the second quarter 2020 and one sample was submitted for re-analysis in the third quarter 2020. The re-analysis of MO-2007-1B in the second quarter 2020 was conducted because the initial analytical result was lower than the historical concentration range for that well. The re-analysis was conducted using the same sample preparation and method for analysis. The re-analysis was conducted outside of the hold time as discussed in Section 3.4. The re-analysis did not confirm the original result so the laboratory conducted a third analysis, also outside of hold time. It is standard laboratory procedure to perform a third analysis if the first and second analysis of a sample disagree in order to confirm one of the results. The re-analysis and third analysis are compared to the original results below. The second analysis was reported in the main text of the report.

Turner Project No.	Well ID	Original Result (mg/L)	Re-Analysis (mg/L)	Third Analysis (mg/L)	RPD (%)
20D0402	MO-2007-1B	11.7	45.5	--	118.18%
20D0402	MO-2007-1B	11.7	--	44.9	117.31%
20G0506	MO-2009-1	103	107	--	3.81%

mg/L = milligrams per liter
RPD = Relative percent difference

The re-analysis of MO-2009-1 in the third quarter of 2020 was completed because the laboratory switched the labels of MO-2009-1 and MO-2007-3B in the original laboratory report. The original MO-2009-1 result shown above was initially reported as the MO-2007-3B by the laboratory. Clear Creek requested the re-analysis because the results did not match historic results at MO-2007-3B. The re-analysis confirmed the initial results so Clear Creek requested that the lab review sample handling. The laboratory identified the labelling error and reissued the report with the correct sample identifications. The initial result for MO-2009-1 was used in the main text of the report. The final report with the case narrative is included in Appendix B.

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, eight field duplicate samples were collected by Sierrita for filtered sulfate analysis. Seven field duplicates were collected in the second quarter 2020 (DUP20200407A, DUP20200408A, DUP20200414A, DUP20204023A, DUP20200526A, DUP20200526B, and DUP20200514A) and two field duplicates were collected in the third quarter 2020 (DUP20200717A and DUP20200812A). The collection of seven duplicate samples in the second quarter 2020 and two duplicate samples in the third quarter 2020 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 0.10 to 6.51 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
20E0338	GV-SI-GVDWID	DUP20200514A	7.02	7.38	5.00%
20E0575	IW-1	DUP20200526B	1150	1140	0.87%
20D0553	M-10	DUP20200423A	208	222	6.51%
20E0575	MC-2	DUP20200526A	1130	1100	2.69%
20D0402	MO-2007-4A	DUP20200414A	36.3	35.5	2.23%
20D0273	MO-2007-6A	DUP20200408A	21.5	22.3	3.65%
20D0273	MO-2009-1	DUP20200407A	96.6	96.5	0.10%
20G0506	MO-2007-3B	DUP20200717A	45	42.6	5.48%
20H0444	CW-9	DUP20200812A	53.7	54.7	1.85%

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 representation of groundwater quality at the locations given the well construction characteristics of the well sampled. 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 sample collection and handling techniques introduce sulfate 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 2020, five field blanks (FB20200407A, FB20200414A, FB20200421A, FB20200423A, and FB20200526A) and four field equipment blanks (EQB20200407A, EQB20200414A, EQB20200423A, and EQB20200526A) were collected. The collection of five field blanks in second quarter 2019 meets the QAPP objective of one blank for every 20 groundwater samples collected.

During the third quarter 2020, one field blank (FB20200717A) and one equipment blank (EQB20200717A) were collected. The collection of one field blank in the third quarter 2020 meets the QAPP objective of one blank for every 20 groundwater samples collected.

None of the blank samples collected in the second and third quarters 2020 had concentrations above the PQL. The results demonstrate that the sulfate concentrations reported for second and third quarters 2020 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 and Turner 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 and Turner. All samples analyzed by ACZ and Turner 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

May 04, 2020

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.: 20D0273

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 16 sample(s) on 04/09/2020 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: 20D0273
Date Received: 04/09/2020

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
20D0273-01	MO-2009-1	Ground Water	04/07/2020 0904
20D0273-02	MO-2007-5C	Ground Water	04/07/2020 1210
20D0273-03	MO-2007-5B	Ground Water	04/07/2020 1344
20D0273-04	CW-7600	Ground Water	04/08/2020 0912
20D0273-05	CW-7700	Ground Water	04/08/2020 1002
20D0273-06	CW-7800	Ground Water	04/08/2020 1038
20D0273-07	CW-7900	Ground Water	04/08/2020 1120
20D0273-08	MO-2007-6B	Ground Water	04/08/2020 1307
20D0273-09	MO-2007-6A	Ground Water	04/08/2020 1348
20D0273-10	ESP-4	Ground Water	04/09/2020 0746
20D0273-11	ESP-2	Ground Water	04/09/2020 0854
20D0273-12	ESP-3	Ground Water	04/09/2020 0943
20D0273-13	DUP20200407A	Ground Water	04/09/2020 0000
20D0273-14	EQB20200407A	Ground Water	04/09/2020 0000
20D0273-15	FB20200407A	Ground Water	04/09/2020 0000
20D0273-16	DUP20200408A	Ground Water	04/09/2020 0000

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Date Received: 04/09/2020

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

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Lab Sample ID: 20D0273-01

Client Sample ID: MO-2009-1
Collection Date/Time: 04/07/2020 0904
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	96.6	15.0	50.0		mg/L	10	04/27/2020 1003	05/01/2020 1704	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Lab Sample ID: 20D0273-02

Client Sample ID: MO-2007-5C
Collection Date/Time: 04/07/2020 1210
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	219	15.0	50.0		mg/L	10	04/27/2020 1003	05/01/2020 1725	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Lab Sample ID: 20D0273-03

Client Sample ID: MO-2007-5B
Collection Date/Time: 04/07/2020 1344
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	401	37.5	125		mg/L	25	04/27/2020 1003	05/01/2020 1746	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Lab Sample ID: 20D0273-04

Client Sample ID: CW-7600
Collection Date/Time: 04/08/2020 0912
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	36.7	1.50	5.00		mg/L	1	04/27/2020 1003	04/28/2020 0404	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Lab Sample ID: 20D0273-05

Client Sample ID: CW-7700
Collection Date/Time: 04/08/2020 1002
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	42.5	1.50	5.00		mg/L	1	04/27/2020 1003	04/28/2020 0423	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Lab Sample ID: 20D0273-06

Client Sample ID: CW-7800
Collection Date/Time: 04/08/2020 1038
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	69.6	7.50	25.0		mg/L	5	04/27/2020 1003	05/01/2020 1808	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Lab Sample ID: 20D0273-07

Client Sample ID: CW-7900
Collection Date/Time: 04/08/2020 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	69.6	7.50	25.0		mg/L	5	04/27/2020 1003	05/01/2020 1829	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Lab Sample ID: 20D0273-08

Client Sample ID: MO-2007-6B
Collection Date/Time: 04/08/2020 1307
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	39.4	1.50	5.00		mg/L	1	04/27/2020 1003	04/28/2020 0519	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Lab Sample ID: 20D0273-09

Client Sample ID: MO-2007-6A
Collection Date/Time: 04/08/2020 1348
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	21.5	1.50	5.00		mg/L	1	04/27/2020 1003	04/28/2020 0538	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Lab Sample ID: 20D0273-10

Client Sample ID: ESP-4
Collection Date/Time: 04/09/2020 0746
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	15.0	50.0		mg/L	10	04/27/2020 1003	05/01/2020 1851	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Lab Sample ID: 20D0273-11

Client Sample ID: ESP-2
Collection Date/Time: 04/09/2020 0854
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	30.0	1.50	5.00		mg/L	1	04/27/2020 1430	04/28/2020 0313	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Lab Sample ID: 20D0273-12

Client Sample ID: ESP-3
Collection Date/Time: 04/09/2020 0943
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	04/27/2020 1430	04/28/2020 0335	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Lab Sample ID: 20D0273-13

Client Sample ID: DUP20200407A
Collection Date/Time: 04/09/2020 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	96.5	15.0	50.0		mg/L	10	04/27/2020 1430	05/01/2020 1912	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Lab Sample ID: 20D0273-14

Client Sample ID: EQB20200407A
Collection Date/Time: 04/09/2020 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		mg/L	1	04/27/2020 1430	04/28/2020 0418	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Lab Sample ID: 20D0273-15

Client Sample ID: FB20200407A
Collection Date/Time: 04/09/2020 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		mg/L	1	04/27/2020 1430	04/28/2020 0439	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Lab Sample ID: 20D0273-16

Client Sample ID: DUP20200408A
Collection Date/Time: 04/09/2020 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	22.3	1.50	5.00		mg/L	1	04/27/2020 1430	04/28/2020 0501	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0273
Date Received: 04/09/2020

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2004317 - E300.0 (2.1)										
Blank (2004317-BLK1)				Prepared & Analyzed: 04/27/2020						
Sulfate	ND	5.00	mg/L							
LCS (2004317-BS1)				Prepared & Analyzed: 04/27/2020						
Sulfate	12	5.00	mg/L	12.50		97	90-110			
LCS Dup (2004317-BSD1)				Prepared & Analyzed: 04/27/2020						
Sulfate	12	5.00	mg/L	12.50		97	90-110	0.2	10	
Matrix Spike (2004317-MS1)	**Source: 20D0273-04**			Prepared: 04/28/2020 Analyzed: 05/02/2020						
Sulfate	94	25.0	mg/L	62.50	37	91	80-120			
Matrix Spike (2004317-MS2)	**Source: 20D0273-08**			Prepared: 04/28/2020 Analyzed: 05/02/2020						
Sulfate	97	25.0	mg/L	62.50	39	92	80-120			
Matrix Spike (2004317-MS3)	**Source: 20D0273-09**			Prepared: 04/28/2020 Analyzed: 05/03/2020						
Sulfate	77	25.0	mg/L	62.50	22	89	80-120			
Matrix Spike Dup (2004317-MSD1)	**Source: 20D0273-04**			Prepared: 04/28/2020 Analyzed: 05/02/2020						
Sulfate	91	25.0	mg/L	62.50	37	88	80-120	2	10	
Matrix Spike Dup (2004317-MSD2)	**Source: 20D0273-08**			Prepared: 04/28/2020 Analyzed: 05/03/2020						
Sulfate	97	25.0	mg/L	62.50	39	92	80-120	0.2	10	
Matrix Spike Dup (2004317-MSD3)	**Source: 20D0273-09**			Prepared: 04/28/2020 Analyzed: 05/03/2020						
Sulfate	79	25.0	mg/L	62.50	22	92	80-120	2	10	
Batch 2004318 - E300.0 (2.1)										
Blank (2004318-BLK1)				Prepared & Analyzed: 04/27/2020						
Sulfate	ND	5.00	mg/L							
LCS (2004318-BS1)				Prepared & Analyzed: 04/27/2020						
Sulfate	12	5.00	mg/L	12.50		98	90-110			
LCS Dup (2004318-BSD1)				Prepared & Analyzed: 04/27/2020						
Sulfate	12	5.00	mg/L	12.50		98	90-110	0.9	10	
Matrix Spike (2004318-MS1)	**Source: 20D0562-01**			Prepared: 04/27/2020 Analyzed: 05/03/2020						
Sulfate	19	5.00	mg/L	12.50	8.3	87	80-120			
Matrix Spike Dup (2004318-MSD1)	**Source: 20D0562-01**			Prepared: 04/27/2020 Analyzed: 05/03/2020						
Sulfate	19	5.00	mg/L	12.50	8.3	85	80-120	1	10	

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2445 N Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
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20D0273

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # ZS000009UC DATE: 4/9/20 PAGE 1 OF 2

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375	PLEASE FILTER AT LAB FOR SULFATE
MO-2009-1	4/7/20	0904		GW	1	x	
MO-2007-5C	4/7/20	1210		GW	1	x	
MO-2007-5B	4/7/20	1344		GW	1	x	
CW-7600	4/8/20	0912		GW	1	x	X
CW-7700	4/8/20	1002		GW	1	x	X
CW-7800	4/8/20	1038		GW	1	x	X
CW-7900	4/8/20	1120		GW	1	x	X
MO-2007-6B	4/8/20	1307		GW	1	x	
MO-2007-6A	4/8/20	1348		GW	1	x	
ESP-4	4/9/20	0746		GW	1	x	
ESP-2	4/9/20	0854		GW	1	x	

SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
4/9/20
Date/Time 1505

2. RECEIVED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 16
Temperature 1.3
☑ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

4. RECEIVED BY:
Signature
Turner laboratories, Inc.
4/9/20 ~~1505~~ NA
Date/Time 1505

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis: ☑ Yes ☐ No	Custody Seals ☐	Preservation Confirmation ☑
ADEQ Forms: ☐ Yes ☑ No	Container Intact ☑	Appropriate Head Space ☑
Mail ADEQ Forms: ☐ Yes ☑ No	COC/Labels Agree ☑	Received Within Hold Time ☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com and bdaigneau@clearcreekassociates.com

Please restock courier with Sulfate bottles

TURNER LABORATORIES INC.
2445 N Coyote Drive, Suite 104
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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

20D0273
20D0272

TURNER WORK ORDER # ZS000009UC DATE: 4/9/20 PAGE 2 OF 2

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375
ESP-3	4/9/20	0943		GW	1	x
DUP20200407A	4/7/20	0000		GW	1	x
EQB20200407A	4/7/20	0000		GW	1	x
FB20200407A	4/7/20	0000		GW	1	x
DUP20200408A	4/8/20	0000		GW	1	x

SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
4/9/20
Date/Time 1505

2. RECEIVED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

3. RELINQUISHED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

4. RECEIVED BY:
Signature
Turner laboratories, Inc.
4/9/20 1505
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 16
Temperature 1.3
☑ Wet Ice ☐ Blue Ice

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis:	☑ Yes ☐ No	Custody Seals	☐	Preservation Confirmation	☑
ADEQ Forms:	☐ Yes ☑ No	Container Intact	☑	Appropriate Head Space	☑
Mail ADEQ Forms:	☐ Yes ☑ No	COC/Labels Agree	☑	Received Within Hold Time	☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com and bdaigneau@clearcreekassociates.com

Please restock courier with Sulfate bottles

May 14, 2020

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.: 20D0402

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 18 sample(s) on 04/16/2020 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: 20D0402
Date Received: 04/16/2020

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
20D0402-01	MO-2007-3C	Ground Water	04/13/2020 1316
20D0402-02	MO-2007-3B	Ground Water	04/13/2020 1507
20D0402-03	MO-2007-4C	Ground Water	04/14/2020 0917
20D0402-04	MO-2007-4B	Ground Water	04/14/2020 1110
20D0402-05	MO-2007-4A	Ground Water	04/14/2020 1148
20D0402-06	MO-2007-2	Ground Water	04/14/2020 1304
20D0402-07	PZ-8	Ground Water	04/15/2020 0635
20D0402-08	PZ-7	Ground Water	04/15/2020 0717
20D0402-09	MH-11	Ground Water	04/15/2020 0815
20D0402-10	MH-13C	Ground Water	04/15/2020 1255
20D0402-11	MH-13B	Ground Water	04/15/2020 1405
20D0402-12	MH-30	Ground Water	04/13/2020 1442
20D0402-13	MO-2007-1C	Ground Water	04/16/2020 0956
20D0402-14	MO-2007-1B	Ground Water	04/16/2020 1147
20D0402-15	MO-2007-1A	Ground Water	04/16/2020 1222
20D0402-16	DUP20200414A	Ground Water	04/14/2020 0000
20D0402-17	EQB20200414A	Ground Water	04/14/2020 0000
20D0402-18	FB20200414A	Ground Water	04/14/2020 0000

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Date Received: 04/16/2020

Case Narrative

H2 Initial analysis was performed within holding time. Reanalysis for the required dilution was past holding time.

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: 20D0402
Lab Sample ID: 20D0402-01

Client Sample ID: MO-2007-3C
Collection Date/Time: 04/13/2020 1316
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	31.7	7.50	25.0		mg/L	5	05/09/2020 0910	05/09/2020 1507	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-02

Client Sample ID: MO-2007-3B
Collection Date/Time: 04/13/2020 1507
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	18.4	1.50	5.00		mg/L	1	05/09/2020 0910	05/09/2020 1526	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-03

Client Sample ID: MO-2007-4C
Collection Date/Time: 04/14/2020 0917
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	119	7.50	25.0		mg/L	5	05/09/2020 0910	05/09/2020 1545	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-04

Client Sample ID: MO-2007-4B
Collection Date/Time: 04/14/2020 1110
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	53.7	15.0	50.0	H2	mg/L	10	05/09/2020 0910	05/13/2020 1841	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-05

Client Sample ID: MO-2007-4A
Collection Date/Time: 04/14/2020 1148
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	1.50	5.00		mg/L	1	05/09/2020 0910	05/09/2020 1738	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-06

Client Sample ID: MO-2007-2
Collection Date/Time: 04/14/2020 1304
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	255	37.5	125		mg/L	25	05/09/2020 0910	05/12/2020 0012	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-07

Client Sample ID: PZ-8
Collection Date/Time: 04/15/2020 0635
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	518	75.0	250		mg/L	50	05/09/2020 0910	05/12/2020 0033	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-08

Client Sample ID: PZ-7
Collection Date/Time: 04/15/2020 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	490	75.0	250		mg/L	50	05/09/2020 0910	05/12/2020 0055	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-09

Client Sample ID: MH-11
Collection Date/Time: 04/15/2020 0815
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1690	300	1000		mg/L	200	05/09/2020 0910	05/12/2020 0116	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-10

Client Sample ID: MH-13C
Collection Date/Time: 04/15/2020 1255
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	30.6	1.50	5.00		mg/L	1	05/09/2020 0910	05/09/2020 1912	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-11

Client Sample ID: MH-13B
Collection Date/Time: 04/15/2020 1405
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	798	150	500		mg/L	100	05/09/2020 0910	05/12/2020 0138	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-12

Client Sample ID: MH-30
Collection Date/Time: 04/13/2020 1442
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1850	150	500	H2	mg/L	100	05/09/2020 0910	05/12/2020 0159	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-13

Client Sample ID: MO-2007-1C
Collection Date/Time: 04/16/2020 0956
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	25.7	1.50	5.00		mg/L	1	05/09/2020 0910	05/09/2020 2009	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-14

Client Sample ID: MO-2007-1B
Collection Date/Time: 04/16/2020 1147
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	11.7	1.50	5.00		mg/L	1	05/09/2020 0910	05/09/2020 2028	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-15

Client Sample ID: MO-2007-1A
Collection Date/Time: 04/16/2020 1222
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	20.2	1.50	5.00		mg/L	1	05/08/2020 1100	05/09/2020 0033	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-16

Client Sample ID: DUP20200414A
Collection Date/Time: 04/14/2020 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	35.5	1.50	5.00		mg/L	1	05/08/2020 1100	05/09/2020 0052	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-17

Client Sample ID: EQB20200414A
Collection Date/Time: 04/14/2020 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		mg/L	1	05/08/2020 1100	05/09/2020 0111	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-18

Client Sample ID: FB20200414A
Collection Date/Time: 04/14/2020 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		mg/L	1	05/08/2020 1100	05/09/2020 0130	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Date Received: 04/16/2020

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2005106 - E300.0 (2.1)										
Blank (2005106-BLK1)				Prepared & Analyzed: 05/08/2020						
Sulfate	ND	5.00	mg/L							
LCS (2005106-BS1)				Prepared & Analyzed: 05/08/2020						
Sulfate	13	5.00	mg/L	12.50		107	90-110			
LCS Dup (2005106-BSD1)				Prepared & Analyzed: 05/08/2020						
Sulfate	13	5.00	mg/L	12.50		108	90-110	0.3	10	
Batch 2005108 - E300.0 (2.1)										
Blank (2005108-BLK1)				Prepared & Analyzed: 05/09/2020						
Sulfate	ND	5.00	mg/L							
LCS (2005108-BS1)				Prepared & Analyzed: 05/09/2020						
Sulfate	13	5.00	mg/L	12.50		108	90-110			
LCS Dup (2005108-BSD1)				Prepared & Analyzed: 05/09/2020						
Sulfate	14	5.00	mg/L	12.50		109	90-110	0.8	10	

TURNER LABORATORIES INC.
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www.turnerlabs.com

2000402

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # ZS000009UC DATE: 4/16/20 PAGE 1 OF 2

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375
MO-2007-3C	4/13/20	1316		GW	1	x
MO-2007-3B	4/13/20	1507		GW	1	x
MO-2007-4C	4/14/20	0917		GW	1	x
MO-2007-4B	4/14/20	1110		GW	1	x
MO-2007-4A	4/14/20	1148		GW	1	x
MO-2007-2	4/14/20	1304		GW	1	x
PZ-8	4/15/20	0635		GW	1	x
PZ-7	4/15/20	0717		GW	1	x
MH-11	4/15/20	0815		GW	1	x
MH-13C	4/15/20	1255		GW	1	x
MH-13B	4/15/20	1405		GW	1	x

SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
4/16/20 1505
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 18
Temperature 0.9
☑ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

4. RECEIVED BY:
Signature
Turner laboratories, Inc.
4/16/20 1505
Date/Time

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis:	☑ Yes ☐ No	Custody Seals	☐	Preservation Confirmation	☑
ADEQ Forms:	☐ Yes ☑ No	Container Intact	☑	Appropriate Head Space	☑
Mail ADEQ Forms:	☐ Yes ☑ No	COC/Labels Agree	☑	Received Within Hold Time	☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com and bdaigneau@clearcreekassociates.com

Please restock courier with Sulfate bottles

TURNER LABORATORIES INC.
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

TURNER WORK ORDER # ZS000009UC DATE: 4/16/20 PAGE 2 OF 2

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375
MH-30	4/13/20	1442		GW	1	x
MO-2007-1C	4/16/20	0956		GW	1	x
MO-2007-1B	4/16/20	1147		GW	1	x
MO-2007-1A	4/16/20	1222		GW	1	x
DUP20200414A	4/14/20	0000		GW	1	x
EQB20200414A	4/14/20	0000		GW	1	x
FB20200414A	4/14/20	0000		GW	1	x

SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
4/16/20 1505
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 18
Temperature 0.9
☑ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

4. RECEIVED BY:
Signature
Turner laboratories, Inc.
Date/Time

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis:	☑ Yes ☐ No	Custody Seals	☐	Preservation Confirmation	☑
ADEQ Forms:	☐ Yes ☑ No	Container Intact	☑	Appropriate Head Space	☑
Mail ADEQ Forms:	☐ Yes ☑ No	COC/Labels Agree	☑	Received Within Hold Time	☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com and bdaigneau@clearcreekassociates.com

Please restock courier with Sulfate bottles

May 28, 2020

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.: 20D0402

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 18 sample(s) on 04/16/2020 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: 20D0402
Date Received: 04/16/2020

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
20D0402-01	MO-2007-3C	Ground Water	04/13/2020 1316
20D0402-02	MO-2007-3B	Ground Water	04/13/2020 1507
20D0402-03	MO-2007-4C	Ground Water	04/14/2020 0917
20D0402-04	MO-2007-4B	Ground Water	04/14/2020 1110
20D0402-05	MO-2007-4A	Ground Water	04/14/2020 1148
20D0402-06	MO-2007-2	Ground Water	04/14/2020 1304
20D0402-07	PZ-8	Ground Water	04/15/2020 0635
20D0402-08	PZ-7	Ground Water	04/15/2020 0717
20D0402-09	MH-11	Ground Water	04/15/2020 0815
20D0402-10	MH-13C	Ground Water	04/15/2020 1255
20D0402-11	MH-13B	Ground Water	04/15/2020 1405
20D0402-12	MH-30	Ground Water	04/13/2020 1442
20D0402-13	MO-2007-1C	Ground Water	04/16/2020 0956
20D0402-14	MO-2007-1B	Ground Water	04/16/2020 1147
20D0402-15	MO-2007-1A	Ground Water	04/16/2020 1222
20D0402-16	DUP20200414A	Ground Water	04/14/2020 0000
20D0402-17	EQB20200414A	Ground Water	04/14/2020 0000
20D0402-18	FB20200414A	Ground Water	04/14/2020 0000

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Date Received: 04/16/2020

Case Narrative

This report has been revised to include a re-analysis of 20D0402-15.

This report has been revised to report the re-analysis of 20D0402-14. The sample re-analysis did not confirm the intial result and so was re-analyzed in duplicate to confirm the reported result.

H2	Initial analysis was performed within holding time. Reanalysis for the required dilution was past holding time.
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: 20D0402
Lab Sample ID: 20D0402-01

Client Sample ID: MO-2007-3C
Collection Date/Time: 04/13/2020 1316
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	31.7	7.50	25.0		mg/L	5	05/09/2020 0910	05/09/2020 1507	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-02

Client Sample ID: MO-2007-3B
Collection Date/Time: 04/13/2020 1507
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	18.4	1.50	5.00		mg/L	1	05/09/2020 0910	05/09/2020 1526	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-03

Client Sample ID: MO-2007-4C
Collection Date/Time: 04/14/2020 0917
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	119	7.50	25.0		mg/L	5	05/09/2020 0910	05/09/2020 1545	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-04

Client Sample ID: MO-2007-4B
Collection Date/Time: 04/14/2020 1110
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	53.7	15.0	50.0	H2	mg/L	10	05/09/2020 0910	05/13/2020 1841	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-05

Client Sample ID: MO-2007-4A
Collection Date/Time: 04/14/2020 1148
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	1.50	5.00		mg/L	1	05/09/2020 0910	05/09/2020 1738	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-06

Client Sample ID: MO-2007-2
Collection Date/Time: 04/14/2020 1304
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	255	37.5	125		mg/L	25	05/09/2020 0910	05/12/2020 0012	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-07

Client Sample ID: PZ-8
Collection Date/Time: 04/15/2020 0635
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	518	75.0	250		mg/L	50	05/09/2020 0910	05/12/2020 0033	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-08

Client Sample ID: PZ-7
Collection Date/Time: 04/15/2020 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	490	75.0	250		mg/L	50	05/09/2020 0910	05/12/2020 0055	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-09

Client Sample ID: MH-11
Collection Date/Time: 04/15/2020 0815
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1690	300	1000		mg/L	200	05/09/2020 0910	05/12/2020 0116	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-10

Client Sample ID: MH-13C
Collection Date/Time: 04/15/2020 1255
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	30.6	1.50	5.00		mg/L	1	05/09/2020 0910	05/09/2020 1912	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-11

Client Sample ID: MH-13B
Collection Date/Time: 04/15/2020 1405
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	798	150	500		mg/L	100	05/09/2020 0910	05/12/2020 0138	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-12

Client Sample ID: MH-30
Collection Date/Time: 04/13/2020 1442
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1850	150	500	H2	mg/L	100	05/09/2020 0910	05/12/2020 0159	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-13

Client Sample ID: MO-2007-1C
Collection Date/Time: 04/16/2020 0956
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	25.7	1.50	5.00		mg/L	1	05/09/2020 0910	05/09/2020 2009	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-14

Client Sample ID: MO-2007-1B
Collection Date/Time: 04/16/2020 1147
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	45.5	1.50	5.00	H2	mg/L	1	05/09/2020 0910	05/21/2020 2232	EJ
Sulfate	44.9	1.50	5.00	H2	mg/L	1	05/09/2020 0910	05/22/2020 1640	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-15

Client Sample ID: MO-2007-1A
Collection Date/Time: 04/16/2020 1222
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	20.2	1.50	5.00		mg/L	1	05/08/2020 1100	05/09/2020 0033	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-16

Client Sample ID: DUP20200414A
Collection Date/Time: 04/14/2020 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	35.5	1.50	5.00		mg/L	1	05/08/2020 1100	05/09/2020 0052	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-17

Client Sample ID: EQB20200414A
Collection Date/Time: 04/14/2020 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		mg/L	1	05/08/2020 1100	05/09/2020 0111	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Lab Sample ID: 20D0402-18

Client Sample ID: FB20200414A
Collection Date/Time: 04/14/2020 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		mg/L	1	05/08/2020 1100	05/09/2020 0130	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0402
Date Received: 04/16/2020

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2005106 - E300.0 (2.1)										
Blank (2005106-BLK1)				Prepared & Analyzed: 05/08/2020						
Sulfate	ND	5.00	mg/L							
LCS (2005106-BS1)				Prepared & Analyzed: 05/08/2020						
Sulfate	13	5.00	mg/L	12.50		107	90-110			
LCS Dup (2005106-BSD1)				Prepared & Analyzed: 05/08/2020						
Sulfate	13	5.00	mg/L	12.50		108	90-110	0.3	10	
Matrix Spike (2005106-MS1)	**Source: 20D0402-17**			Prepared: 05/08/2020 Analyzed: 05/15/2020						
Sulfate	13	5.00	mg/L	12.50	ND	100	80-120			
Matrix Spike Dup (2005106-MSD1)	**Source: 20D0402-17**			Prepared: 05/08/2020 Analyzed: 05/15/2020						
Sulfate	13	5.00	mg/L	12.50	ND	101	80-120	0.8	10	
Batch 2005108 - E300.0 (2.1)										
Blank (2005108-BLK1)				Prepared & Analyzed: 05/09/2020						
Sulfate	ND	5.00	mg/L							
LCS (2005108-BS1)				Prepared & Analyzed: 05/09/2020						
Sulfate	13	5.00	mg/L	12.50		108	90-110			
LCS Dup (2005108-BSD1)				Prepared & Analyzed: 05/09/2020						
Sulfate	14	5.00	mg/L	12.50		109	90-110	0.8	10	
Matrix Spike (2005108-MS2)	**Source: 20D0402-02**			Prepared: 05/09/2020 Analyzed: 05/25/2020						
Sulfate	81	25.0	mg/L	62.50	18	100	80-120			M2
Matrix Spike Dup (2005108-MSD2)	**Source: 20D0402-02**			Prepared: 05/09/2020 Analyzed: 05/25/2020						
Sulfate	81	25.0	mg/L	62.50	18	100	80-120	0.2	10	

TURNER LABORATORIES INC.
2445 N Coyote Drive, Suite 104
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www.turnerlabs.com

2000402

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # ZS000009UC DATE: 4/16/20 PAGE 1 OF 2

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375
MO-2007-3C	4/13/20	1316		GW	1	x
MO-2007-3B	4/13/20	1507		GW	1	x
MO-2007-4C	4/14/20	0917		GW	1	x
MO-2007-4B	4/14/20	1110		GW	1	x
MO-2007-4A	4/14/20	1148		GW	1	x
MO-2007-2	4/14/20	1304		GW	1	x
PZ-8	4/15/20	0635		GW	1	x
PZ-7	4/15/20	0717		GW	1	x
MH-11	4/15/20	0815		GW	1	x
MH-13C	4/15/20	1255		GW	1	x
MH-13B	4/15/20	1405		GW	1	x

SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
4/16/20 1505
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 18
Temperature 0.9
☑ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

4. RECEIVED BY:
Signature
Turner laboratories, Inc.
4/16/20 1505
Date/Time

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis:	☑ Yes ☐ No	Custody Seals	☐	Preservation Confirmation	☑
ADEQ Forms:	☐ Yes ☑ No	Container Intact	☑	Appropriate Head Space	☑
Mail ADEQ Forms:	☐ Yes ☑ No	COC/Labels Agree	☑	Received Within Hold Time	☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com and bdaigneau@clearcreekassociates.com

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TURNER LABORATORIES INC.
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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # ZS000009UC DATE: 4/16/20 PAGE 2 OF 2

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375
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MO-2007-1B	4/16/20	1147		GW	1	x
MO-2007-1A	4/16/20	1222		GW	1	x
DUP20200414A	4/14/20	0000		GW	1	x
EQB20200414A	4/14/20	0000		GW	1	x
FB20200414A	4/14/20	0000		GW	1	x

SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
4/16/20 1505
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 18
Temperature 0.9
☑ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

4. RECEIVED BY:
Signature
Turner laboratories, Inc.
Date/Time

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis:	☑ Yes ☐ No	Custody Seals	☐	Preservation Confirmation	☑
ADEQ Forms:	☐ Yes ☑ No	Container Intact	☑	Appropriate Head Space	☑
Mail ADEQ Forms:	☐ Yes ☑ No	COC/Labels Agree	☑	Received Within Hold Time	☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com and bdaigneau@clearcreekassociates.com

Please restock courier with Sulfate bottles

September 21, 2020

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.: 20D0553

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 41 sample(s) on 04/24/2020 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: 20D0553
Date Received: 04/24/2020

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
20D0553-01	PS-4	Ground Water	04/20/2020 1007
20D0553-02	PS-1	Ground Water	04/20/2020 1020
20D0553-03	PS-2	Ground Water	04/20/2020 1028
20D0553-04	PS-3	Ground Water	04/20/2020 1035
20D0553-05	FFS-1	Ground Water	04/20/2020 1057
20D0553-06	FFS-2	Ground Water	04/20/2020 1113
20D0553-07	MC-1	Ground Water	04/20/2020 1145
20D0553-08	FFS-3	Ground Water	04/20/2020 1153
20D0553-09	FFS-4	Ground Water	04/20/2020 1202
20D0553-10	MC-2	Ground Water	04/20/2020 1300
20D0553-11	MC-3	Ground Water	04/20/2020 1335
20D0553-12	MC-4	Ground Water	04/20/2020 1350
20D0553-13	IW-19	Ground Water	04/21/2020 1127
20D0553-14	IW-12	Ground Water	04/21/2020 1142
20D0553-15	IW-11	Ground Water	04/21/2020 1156
20D0553-16	IW-22	Ground Water	04/21/2020 1204
20D0553-17	IW-29	Ground Water	04/21/2020 1226
20D0553-18	IW-27	Ground Water	04/21/2020 1243
20D0553-19	IW-26	Ground Water	04/21/2020 1300
20D0553-20	IW-25	Ground Water	04/21/2020 1328
20D0553-21	IW-3A	Ground Water	04/21/2020 1344
20D0553-22	IW-2A	Ground Water	04/21/2020 1355
20D0553-23	IW-1	Ground Water	04/21/2020 1405
20D0553-24	MH-26C	Ground Water	04/22/2020 1018
20D0553-25	MH-26B	Ground Water	04/22/2020 1106
20D0553-26	MH-25C	Ground Water	04/22/2020 1315
20D0553-27	MH-25B	Ground Water	04/22/2020 1401
20D0553-28	M-9	Ground Water	04/23/2020 0910
20D0553-29	MW-2016-06	Ground Water	04/23/2020 1026
20D0553-30	MW-2016-05B	Ground Water	04/23/2020 1140
20D0553-31	MW-2016-05A	Ground Water	04/23/2020 1215
20D0553-32	M-10	Ground Water	04/23/2020 1352

20D0553-33	M-20	Ground Water	04/24/2020 0900
20D0553-34	DUP20200420A	Ground Water	04/20/2020 0000
20D0553-35	DUP20200421A	Ground Water	04/21/2020 0000
20D0553-36	DUP20200420B	Ground Water	04/21/2020 0000
20D0553-37	FB20200421A	Ground Water	04/21/2020 0000
20D0553-38	EQB20200421A	Ground Water	04/21/2020 0000
20D0553-39	DUP20200423A	Ground Water	04/23/2020 0000
20D0553-40	EQB20200423A	Ground Water	04/23/2020 0000
20D0553-41	FB20200423A	Ground Water	04/23/2020 0000

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Date Received: 04/24/2020

Case Narrative

Samples 20D0553-01 through 20D0553-12, 20D0553-19 through 20D0553-23, and 20D0553-34 through 20D0553-36 were not reported as they were analyzed outside of the method specified holding time. These sampling points were re-collected and re-analyzed within holding time.

This report was revsed to add an H1 qualifier to 20D0553-37.

H1	Sample analysis was performed past holding time.
H2	Initial analysis was performed within holding time. Reanalysis for the required dilution was past holding time.
L1	The associated LCS/LCSD recovery was above laboratory acceptance limits.
L5	The associated blank spike recovery was above laboratory/method acceptance limits. This analyte was not detected in the sample.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

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: 20D0553
Lab Sample ID: 20D0553-13

Client Sample ID: IW-19
Collection Date/Time: 04/21/2020 1127
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1900	150	500		mg/L	100	05/19/2020 1259	05/19/2020 2224	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-14

Client Sample ID: IW-12
Collection Date/Time: 04/21/2020 1142
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1630	150	500		mg/L	100	05/19/2020 1259	05/19/2020 2242	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-15

Client Sample ID: IW-11
Collection Date/Time: 04/21/2020 1156
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1770	150	500		mg/L	100	05/19/2020 1259	05/19/2020 2259	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-16

Client Sample ID: IW-22
Collection Date/Time: 04/21/2020 1204
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1860	150	500		mg/L	100	05/19/2020 1259	05/19/2020 2317	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-17

Client Sample ID: IW-29
Collection Date/Time: 04/21/2020 1226
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1750	150	500		mg/L	100	05/19/2020 1259	05/19/2020 2335	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-18

Client Sample ID: IW-27
Collection Date/Time: 04/21/2020 1243
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1770	150	500		mg/L	100	05/19/2020 1259	05/19/2020 2353	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-24

Client Sample ID: MH-26C
Collection Date/Time: 04/22/2020 1018
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1270	150	500		mg/L	100	05/19/2020 1259	05/20/2020 0309	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-25

Client Sample ID: MH-26B
Collection Date/Time: 04/22/2020 1106
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1600	150	500		mg/L	100	05/19/2020 1259	05/20/2020 0327	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-26

Client Sample ID: MH-25C
Collection Date/Time: 04/22/2020 1315
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1320	150	500		mg/L	100	05/19/2020 1259	05/20/2020 0345	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-27

Client Sample ID: MH-25B
Collection Date/Time: 04/22/2020 1401
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1330	150	500		mg/L	100	05/19/2020 1259	05/20/2020 0402	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-28

Client Sample ID: M-9
Collection Date/Time: 04/23/2020 0910
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	11.8	1.50	5.00	H2	mg/L	1	05/19/2020 1259	05/22/2020 0206	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-29

Client Sample ID: MW-2016-06
Collection Date/Time: 04/23/2020 1026
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	7.50	25.0	H2	mg/L	5	05/19/2020 1259	05/23/2020 1121	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-30

Client Sample ID: MW-2016-05B
Collection Date/Time: 04/23/2020 1140
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	38.6	7.50	25.0	H2	mg/L	5	05/20/2020 1606	05/23/2020 1139	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-31

Client Sample ID: MW-2016-05A
Collection Date/Time: 04/23/2020 1215
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	28.6	7.50	25.0	H2	mg/L	5	05/20/2020 1606	05/23/2020 1157	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-32

Client Sample ID: M-10
Collection Date/Time: 04/23/2020 1352
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	208	15.0	50.0	H2	mg/L	10	05/20/2020 1606	05/23/2020 1214	EJ

Turner Laboratories, Inc.

Date: 09/21/2020

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-33

Client Sample ID: M-20
Collection Date/Time: 04/24/2020 0900
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1280	150	500	H2	mg/L	100	05/20/2020 1606	05/23/2020 1232	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-37

Client Sample ID: FB20200421A
Collection Date/Time: 04/21/2020 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	H1, L5, V1	mg/L	1	05/20/2020 1406	05/21/2020 0433	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-39

Client Sample ID: DUP20200423A
Collection Date/Time: 04/23/2020 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	222	37.5	125	H2	mg/L	25	05/20/2020 1406	05/22/2020 0317	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-40

Client Sample ID: EQB20200423A
Collection Date/Time: 04/23/2020 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	L5, V1	mg/L	1	05/20/2020 1406	05/21/2020 0526	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Lab Sample ID: 20D0553-41

Client Sample ID: FB20200423A
Collection Date/Time: 04/23/2020 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	L5, V1	mg/L	1	05/20/2020 1406	05/21/2020 0544	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20D0553
Date Received: 04/24/2020

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2005213 - E300.0 (2.1)										
Blank (2005213-BLK1)				Prepared & Analyzed: 05/19/2020						
Sulfate	ND	5.00	mg/L							
LCS (2005213-BS1)				Prepared & Analyzed: 05/19/2020						
Sulfate	12	5.00	mg/L	12.50		99	90-110			
LCS Dup (2005213-BSD1)				Prepared & Analyzed: 05/19/2020						
Sulfate	13	5.00	mg/L	12.50		100	90-110	1	10	
Matrix Spike (2005213-MS1)		**Source: 20D0553-01**		Prepared: 05/19/2020 Analyzed: 05/24/2020						
Sulfate	2400	500	mg/L	1250	1700	58	80-120			M2
Matrix Spike (2005213-MS2)		**Source: 20D0553-10**		Prepared: 05/19/2020 Analyzed: 05/26/2020						
Sulfate	2000	500	mg/L	1250	970	82	80-120			
Matrix Spike Dup (2005213-MSD1)		**Source: 20D0553-01**		Prepared: 05/19/2020 Analyzed: 05/24/2020						
Sulfate	2400	500	mg/L	1250	1700	57	80-120	0.2	10	M2
Matrix Spike Dup (2005213-MSD2)		**Source: 20D0553-10**		Prepared: 05/19/2020 Analyzed: 05/26/2020						
Sulfate	2000	500	mg/L	1250	970	84	80-120	2	10	
Batch 2005224 - E300.0 (2.1)										
Blank (2005224-BLK1)				Prepared & Analyzed: 05/20/2020						
Sulfate	ND	5.00	mg/L							
LCS (2005224-BS1)				Prepared & Analyzed: 05/20/2020						
Sulfate	18	5.00	mg/L	12.50		140	90-110			L1
LCS Dup (2005224-BSD1)				Prepared & Analyzed: 05/20/2020						
Sulfate	16	5.00	mg/L	12.50		132	90-110	6	10	L1
Matrix Spike (2005224-MS1)		**Source: 20E0412-01**		Prepared: 05/20/2020 Analyzed: 05/28/2020						
Sulfate	50000	20000	mg/L	50000	ND	100	80-120			
Matrix Spike (2005224-MS2)		**Source: 20E0412-09**		Prepared: 05/20/2020 Analyzed: 05/30/2020						
Sulfate	13	5.00	mg/L	12.50	15	NR	80-120			M2
Matrix Spike (2005224-MS4)		**Source: 20D0553-41**		Prepared: 05/20/2020 Analyzed: 05/27/2020						
Sulfate	13	5.00	mg/L	12.50	ND	101	80-120			
Matrix Spike Dup (2005224-MSD1)		**Source: 20E0412-01**		Prepared: 05/20/2020 Analyzed: 05/28/2020						
Sulfate	50000	20000	mg/L	50000	ND	101	80-120	0.4	10	
Matrix Spike Dup (2005224-MSD2)		**Source: 20E0412-09**		Prepared: 05/20/2020 Analyzed: 05/30/2020						
Sulfate	13	5.00	mg/L	12.50	15	NR	80-120		10	M2
Matrix Spike Dup (2005224-MSD4)		**Source: 20D0553-41**		Prepared: 05/20/2020 Analyzed: 05/27/2020						
Sulfate	12	5.00	mg/L	12.50	ND	99	80-120	1	10	

TURNER LABORATORIES INC.
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

ZUDO553

TURNER WORK ORDER # ZS000009UC DATE: 4/24/20 PAGE 1 OF 4

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX: SO4 by EPA 300 or EPA 375
PS-4	4/20/20	1007		GW	1	x
PS-1	4/20/20	1020		GW	1	x
PS-2	4/20/20	1028		GW	1	x
PS-3	4/20/20	1035		GW	1	x
FFS-1	4/20/20	1057		GW	1	x
FFS-2	4/20/20	1113		GW	1	x
MC-1	4/20/20	1145		GW	1	x
FFS-3	4/20/20	1153		GW	1	x
FFS-4	4/20/20	1202		GW	1	x
MC-2	4/20/20	1300		GW	1	x
MC-3	4/20/20	1335		GW	1	x

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
4/24/20 1410
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 41
Temperature 7.9
☑ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

4. RECEIVED BY:
Signature
Turner laboratories, Inc.
4/24/20 1410
Date/Time

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis: ☑ Yes ☐ No	Custody Seals ☐	Preservation Confirmation ☑
ADEQ Forms: ☐ Yes ☑ No	Container Intact ☑	Appropriate Head Space ☑
Mail ADEQ Forms: ☐ Yes ☑ No	COC/Labels Agree ☑	Received Within Hold Time ☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com and bdaigneau@clearcreekassociates.com

Please restock courier with Sulfate bottles

TURNER LABORATORIES INC.
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

20D0553

TURNER WORK ORDER # ZS000009UC DATE: 4/24/20 PAGE 2 OF 4

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375
MC-4	4/20/20	1350		GW	1	x
IW-19	4/21/20	1127		GW	1	x
IW-12	4/21/20	1142		GW	1	x
IW-11	4/21/20	1156		GW	1	x
IW-22	4/21/20	1204		GW	1	x
IW-29	4/21/20	1226		GW	1	x
IW-27	4/21/20	1243		GW	1	x
IW-26	4/21/20	1300		GW	1	x
IW-25	4/21/20	1328		GW	1	x
IW-3A	4/21/20	1344		GW	1	x
IW-2A	4/21/20	1355		GW	1	x

SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
4/24/20
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 41
Temperature 2.9
☑ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

4. RECEIVED BY:
Signature
Turner laboratories, Inc.
4/24/20 1410
Date/Time

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis: ☑ Yes ☐ No		Custody Seals ☐	Preservation Confirmation ☑
ADEQ Forms: ☐ Yes ☑ No		Container Intact ☑	Appropriate Head Space ☑
Mail ADEQ Forms: ☐ Yes ☑ No		COC/Labels Agree ☑	Received Within Hold Time ☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com and bdaigneau@clearcreekassociates.com

Please restock courier with Sulfate bottles

TURNER LABORATORIES INC.
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

20D0553

TURNER WORK ORDER # ZS000009UC DATE: 4/24/20 PAGE 3 OF 4

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375	PLEASE FILTER FOR SULFATE
IW-1	4/21/20	1405		GW	1	x	
MH-26C	4/22/20	1018		GW	1	x	
MH-26B	4/22/20	1106		GW	1	x	
MH-25C	4/22/20	1315		GW	1	x	
MH-25B	4/22/20	1401		GW	1	x	
M-9	4/23/20	0910		GW	1	x	
MW-2016-06	4/23/20	1026		GW	1	x	
MW-2016-05B	4/23/20	1140		GW	1	x	
MW-2016-05A	4/23/20	1215		GW	1	x	
M-10	4/23/20	1352		GW	1	x	
M-20	4/24/20	0900		GW	1	x	x

SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
4/24/20
Date/Time 1410

2. RECEIVED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

3. RELINQUISHED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

4. RECEIVED BY:
Signature
Turner laboratories, Inc.
4/24/20 1410
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 41
Temperature 2.9
☑ Wet Ice ☐ Blue Ice

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis:	☑ Yes ☐ No	Custody Seals	☐	Preservation Confirmation	☑
ADEQ Forms:	☐ Yes ☑ No	Container Intact	☑	Appropriate Head Space	☑
Mail ADEQ Forms:	☐ Yes ☑ No	COC/Labels Agree	☑	Received Within Hold Time	☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com and bdaigneau@clearcreekassociates.com

Please restock courier with Sulfate bottles

TURNER LABORATORIES INC.
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www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

20D0553

TURNER WORK ORDER # ZS000009UC DATE: 4/24/20 PAGE 4 OF 4

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375
DUP20200420A	4/20/20	0000		GW	1	x
DUP20200421A	4/21/20	0000		GW	1	x
DUP20200420B	4/21/20	0000		GW	1	x
FB20200421A	4/21/20	0000		GW	1	x
EQB20200421A	4/21/20	0000		GW	1	x
DUP20200423A	4/23/20	0000		GW	1	x
EQB20200423A	4/23/20	0000		GW	1	x
FB20200423A	4/23/20	0000		GW	1	x

SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
4/24/20 1410
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 41
Temperature 7.9
☑ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

4. RECEIVED BY:
Signature
Turner laboratories, Inc.
4/24/20 1410
Date/Time

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis:	☑ Yes ☐ No	Custody Seals	☐	Preservation Confirmation	☑
ADEQ Forms:	☐ Yes ☑ No	Container Intact	☑	Appropriate Head Space	☑
Mail ADEQ Forms:	☐ Yes ☑ No	COC/Labels Agree	☑	Received Within Hold Time	☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com and bdaigneau@clearcreekassociates.com

Please restock courier with Sulfate bottles

May 27, 2020

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.: 20E0212

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 6 sample(s) on 05/08/2020 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: 20E0212
Date Received: 05/08/2020

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
20E0212-01	CW-10	Ground Water	05/05/2020 0727
20E0212-02	CW-6	Ground Water	05/05/2020 0816
20E0212-03	CW-9	Ground Water	05/05/2020 0904
20E0212-04	CW-3	Ground Water	05/06/2020 0921
20E0212-05	NP-2	Ground Water	05/06/2020 1041
20E0212-06	MH-10	Ground Water	05/08/2020 0830

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0212
Date Received: 05/08/2020

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

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0212
Lab Sample ID: 20E0212-01

Client Sample ID: CW-10
Collection Date/Time: 05/05/2020 0727
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	45.1	1.50	5.00		mg/L	1	05/21/2020 1300	05/22/2020 0353	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0212
Lab Sample ID: 20E0212-02

Client Sample ID: CW-6
Collection Date/Time: 05/05/2020 0816
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	66.0	7.50	25.0		mg/L	5	05/21/2020 1300	05/23/2020 1753	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0212
Lab Sample ID: 20E0212-03

Client Sample ID: CW-9
Collection Date/Time: 05/05/2020 0904
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	52.2	7.50	25.0		mg/L	5	05/21/2020 1300	05/22/2020 0428	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0212
Lab Sample ID: 20E0212-04

Client Sample ID: CW-3
Collection Date/Time: 05/06/2020 0921
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	69.2	3.00	10.0		mg/L	2	05/23/2020 0805	05/23/2020 1811	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0212
Lab Sample ID: 20E0212-05

Client Sample ID: NP-2
Collection Date/Time: 05/06/2020 1041
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	17.2	3.00	10.0		mg/L	2	05/23/2020 0805	05/23/2020 1829	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0212
Lab Sample ID: 20E0212-06

Client Sample ID: MH-10
Collection Date/Time: 05/08/2020 0830
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1200	150	500		mg/L	100	05/23/2020 0805	05/27/2020 0602	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0212
Date Received: 05/08/2020

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2005246 - E300.0 (2.1)										
Blank (2005246-BLK1)				Prepared & Analyzed: 05/21/2020						
Sulfate	ND	5.00	mg/L							
LCS (2005246-BS1)				Prepared & Analyzed: 05/21/2020						
Sulfate	13	5.00	mg/L	12.50		101	90-110			
LCS Dup (2005246-BSD1)				Prepared & Analyzed: 05/21/2020						
Sulfate	13	5.00	mg/L	12.50		102	90-110	0.5	10	
Batch 2005261 - E300.0 (2.1)										
Blank (2005261-BLK1)				Prepared & Analyzed: 05/23/2020						
Sulfate	ND	5.00	mg/L							
LCS (2005261-BS1)				Prepared & Analyzed: 05/23/2020						
Sulfate	12	5.00	mg/L	12.50		100	90-110			
LCS Dup (2005261-BSD1)				Prepared & Analyzed: 05/23/2020						
Sulfate	12	5.00	mg/L	12.50		100	90-110	0.5	10	

TURNER LABORATORIES INC.
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

W/O# 20E0212

TURNER WORK ORDER # ZS000009UC DATE: 5/8/20 PAGE 1 OF 1

PROJECT NAME: Sierrita Groundwater Samples (Sulfate)

CONTACT NAME: J. Joy/B. Dorris/B. Hart/B. Daigneau/V. Brewer

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375	PLEASE FILTER AT LAB
CW-10	5/5/20	0727		GW	1	x	
CW-6	5/5/20	0816		GW	1	x	
CW-9	5/5/20	0904		GW	1	x	
CW-3	5/6/20	0921		GW	1	x	
NP-2	5/6/20	1041		GW	1	x	
MH-10	5/8/20	0830		GW	1	x	X

SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
5/8/20 1403
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Turner Lab
5/8/20
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
___Next day ___2 Day ___5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 6
Temperature 2.3
☑ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

4. RECEIVED BY:
Signature
JoDee Basurto
Turner laboratories, Inc.
5/8/20 1403
Date/Time

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis:	☑ Yes ☐ No	**Custody Seals**	☐	**Preservation Confirmation**	☑
ADEQ Forms:	☐ Yes ☑ No	**Container Intact**	☑	**Appropriate Head Space**	☑
Mail ADEQ Forms:	☐ Yes ☑ No	**COC/Labels Agree**	☑	**Received Within Hold Time**	☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com
bdaigneau@clearcreekassociates.com / vbrewer@fmi.com

June 03, 2020

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.: 20E0338

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 6 sample(s) on 05/14/2020 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: 20E0338
Date Received: 05/14/2020

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
20E0338-01	HAVENGOLF	Ground Water	05/12/2020 1100
20E0338-02	CCGV	Ground Water	05/12/2020 1135
20E0338-03	GV-1	Ground Water	05/14/2020 0730
20E0338-04	GV-2	Ground Water	05/14/2020 0745
20E0338-05	SIWELL	Ground Water	05/14/2020 0805
20E0338-06	DUP20200514A	Ground Water	05/14/2020 0000

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0338
Date Received: 05/14/2020

Case Narrative

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: 20E0338
Lab Sample ID: 20E0338-01

Client Sample ID: HAVENGOLF
Collection Date/Time: 05/12/2020 1100
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	98.2	15.0	50.0		mg/L	10	06/01/2020 1300	06/02/2020 1724	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0338
Lab Sample ID: 20E0338-02

Client Sample ID: CCGV
Collection Date/Time: 05/12/2020 1135
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	107	15.0	50.0		mg/L	10	06/01/2020 1300	06/02/2020 1741	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0338
Lab Sample ID: 20E0338-03

Client Sample ID: GV-1
Collection Date/Time: 05/14/2020 0730
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	18.1	1.50	5.00		mg/L	1	06/01/2020 1300	06/01/2020 2143	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0338
Lab Sample ID: 20E0338-04

Client Sample ID: GV-2
Collection Date/Time: 05/14/2020 0745
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	49.2	1.50	5.00		mg/L	1	06/01/2020 1300	06/01/2020 2201	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0338
Lab Sample ID: 20E0338-05

Client Sample ID: SIWELL
Collection Date/Time: 05/14/2020 0805
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	7.02	1.50	5.00		mg/L	1	06/01/2020 1300	06/01/2020 2219	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0338
Lab Sample ID: 20E0338-06

Client Sample ID: DUP20200514A
Collection Date/Time: 05/14/2020 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	7.38	1.50	5.00		mg/L	1	06/01/2020 1300	06/01/2020 2237	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0338
Date Received: 05/14/2020

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2006019 - E300.0 (2.1)										
Blank (2006019-BLK1)				Prepared & Analyzed: 06/01/2020						
Sulfate	ND	5.00	mg/L							
LCS (2006019-BS1)				Prepared & Analyzed: 06/01/2020						
Sulfate	12	5.00	mg/L	12.50		97	90-110			
LCS Dup (2006019-BSD1)				Prepared & Analyzed: 06/01/2020						
Sulfate	12	5.00	mg/L	12.50		98	90-110	0.8	10	
Matrix Spike (2006019-MS1)		**Source: 20B0720-03**		Prepared: 06/01/2020 Analyzed: 06/02/2020						
Sulfate	12000	2500	mg/L	6250	18000	NR	80-120			M2
Matrix Spike (2006019-MS2)		**Source: 20B0720-05**		Prepared: 06/01/2020 Analyzed: 06/02/2020						
Sulfate	10000	2500	mg/L	6250	5100	82	80-120			
Matrix Spike Dup (2006019-MSD1)		**Source: 20B0720-03**		Prepared: 06/01/2020 Analyzed: 06/02/2020						
Sulfate	13000	2500	mg/L	6250	18000	NR	80-120	3	10	M2
Matrix Spike Dup (2006019-MSD2)		**Source: 20B0720-05**		Prepared: 06/01/2020 Analyzed: 06/02/2020						
Sulfate	10000	2500	mg/L	6250	5100	80	80-120	1	10	

TURNER LABORATORIES INC.
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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

20E0338

TURNER WORK ORDER # ZS000009UC DATE: 5/14/20 PAGE 1 OF 1

PROJECT NAME: Sierrita Groundwater Samples (Sulfate)

CONTACT NAME: J. Joy/B. Dorris/B. Hart/B. Daigneau/V. Brewer

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375
HAVENGOLF	5/12/20	1100		GW	1	x
CCGV	5/12/20	1135		GW	1	x
GV-1	5/14/20	0730		GW	1	x
GV-2	5/14/20	0745		GW	1	x
SIWELL	5/14/20	0805		GW	1	x
DUP20200514A	5/14/20	0000		GW	1	x

SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
5/14/20 1507
Date/Time

2. RECEIVED BY:
Signature
Printed Name
TURNER LABS
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 6
Temperature 6.0
☑ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

4. RECEIVED BY:
Signature
Turner laboratories, Inc.
5/14/20 1507
Date/Time

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis:	☑ Yes ☐ No	Custody Seals	☐	Preservation Confirmation	☑
ADEQ Forms:	☐ Yes ☑ No	Container Intact	☑	Appropriate Head Space	☑
Mail ADEQ Forms:	☐ Yes ☑ No	COC/Labels Agree	☑	Received Within Hold Time	☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com
bdaigneau@clearcreekassociates.com / vbrewer@fmi.com

June 02, 2020

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.: 20E0575

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 20 sample(s) on 05/27/2020 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: 20E0575
Date Received: 05/27/2020

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
20E0575-01	IW-26	Ground Water	05/26/2020 1315
20E0575-02	MC-4	Ground Water	05/26/2020 1110
20E0575-03	IW-3A	Ground Water	05/26/2020 1320
20E0575-04	FFS-3	Ground Water	05/26/2020 1000
20E0575-05	FFS-4	Ground Water	05/26/2020 1025
20E0575-06	MC-1	Ground Water	05/26/2020 0947
20E0575-07	PS-3	Ground Water	05/26/2020 0900
20E0575-08	FFS-1	Ground Water	05/26/2020 0922
20E0575-09	FFS-2	Ground Water	05/26/2020 0930
20E0575-10	MC-2	Ground Water	05/26/2020 1035
20E0575-11	MC-3	Ground Water	05/26/2020 1100
20E0575-12	PS-2	Ground Water	05/26/2020 0845
20E0575-13	PS-1	Ground Water	05/26/2020 0840
20E0575-14	PS-4	Ground Water	05/26/2020 0825
20E0575-15	IW-1	Ground Water	05/26/2020 1333
20E0575-16	IW-2A	Ground Water	05/26/2020 1325
20E0575-17	DUP20200526A	Ground Water	05/26/2020 0000
20E0575-18	DUP20200526B	Ground Water	05/26/2020 0000
20E0575-19	EQB20200526A	Ground Water	05/26/2020 0000
20E0575-20	FB20200526A	Ground Water	05/26/2020 0000

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Date Received: 05/27/2020

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

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-01

Client Sample ID: IW-26
Collection Date/Time: 05/26/2020 1315
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1750	150	500		mg/L	100	05/29/2020 1050	05/29/2020 1249	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-02

Client Sample ID: MC-4
Collection Date/Time: 05/26/2020 1110
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1320	150	500		mg/L	100	05/29/2020 1050	05/29/2020 1307	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-03

Client Sample ID: IW-3A
Collection Date/Time: 05/26/2020 1320
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1620	150	500		mg/L	100	05/29/2020 1050	05/29/2020 1325	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-04

Client Sample ID: FFS-3
Collection Date/Time: 05/26/2020 1000
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1470	150	500		mg/L	100	05/29/2020 1050	05/29/2020 1343	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-05

Client Sample ID: FFS-4
Collection Date/Time: 05/26/2020 1025
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1270	150	500		mg/L	100	05/29/2020 1050	05/29/2020 1401	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-06

Client Sample ID: MC-1
Collection Date/Time: 05/26/2020 0947
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1630	150	500		mg/L	100	05/29/2020 1050	05/29/2020 1418	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-07

Client Sample ID: PS-3
Collection Date/Time: 05/26/2020 0900
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	833	150	500		mg/L	100	05/29/2020 1050	05/29/2020 1436	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-08

Client Sample ID: FFS-1
Collection Date/Time: 05/26/2020 0922
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	2000	150	500		mg/L	100	05/29/2020 1050	05/29/2020 1659	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-09

Client Sample ID: FFS-2
Collection Date/Time: 05/26/2020 0930
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1780	150	500		mg/L	100	05/29/2020 1050	05/29/2020 1717	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-10

Client Sample ID: MC-2
Collection Date/Time: 05/26/2020 1035
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1130	150	500		mg/L	100	05/29/2020 1050	05/29/2020 1734	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-11

Client Sample ID: MC-3
Collection Date/Time: 05/26/2020 1100
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1390	150	500		mg/L	100	05/29/2020 1050	05/29/2020 1752	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-12

Client Sample ID: PS-2
Collection Date/Time: 05/26/2020 0845
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	965	150	500		mg/L	100	05/29/2020 1050	05/29/2020 1810	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-13

Client Sample ID: PS-1
Collection Date/Time: 05/26/2020 0840
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1200	150	500		mg/L	100	05/29/2020 1050	05/29/2020 1827	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-14

Client Sample ID: PS-4
Collection Date/Time: 05/26/2020 0825
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	1210	150	500		mg/L	100	05/29/2020 1050	05/29/2020 1845	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-15

Client Sample ID: IW-1
Collection Date/Time: 05/26/2020 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	1150	150	500		mg/L	100	05/29/2020 1050	05/29/2020 1903	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-16

Client Sample ID: IW-2A
Collection Date/Time: 05/26/2020 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	359	30.0	100		mg/L	20	05/29/2020 1050	06/01/2020 1752	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-17

Client Sample ID: DUP20200526A
Collection Date/Time: 05/26/2020 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	1100	150	500		mg/L	100	05/29/2020 1050	05/29/2020 1939	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-18

Client Sample ID: DUP20200526B
Collection Date/Time: 05/26/2020 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	1140	150	500		mg/L	100	05/29/2020 1050	05/29/2020 2201	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-19

Client Sample ID: EQB20200526A
Collection Date/Time: 05/26/2020 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		mg/L	1	05/29/2020 1050	05/29/2020 2219	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Lab Sample ID: 20E0575-20

Client Sample ID: FB20200526A
Collection Date/Time: 05/26/2020 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		mg/L	1	05/29/2020 1050	05/29/2020 2237	EJ

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20E0575
Date Received: 05/27/2020

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2006001 - E300.0 (2.1)										
Blank (2006001-BLK1)				Prepared & Analyzed: 05/29/2020						
Sulfate	ND	5.00	mg/L							
LCS (2006001-BS1)				Prepared & Analyzed: 05/29/2020						
Sulfate	12	5.00	mg/L	12.50		97	90-110			
LCS Dup (2006001-BSD1)				Prepared & Analyzed: 05/29/2020						
Sulfate	12	5.00	mg/L	12.50		97	90-110	0.08	10	
Matrix Spike (2006001-MS1)		**Source: 20E0575-06**		Prepared & Analyzed: 05/29/2020						
Sulfate	2800	500	mg/L	1250	1600	93	80-120			
Matrix Spike (2006001-MS2)		**Source: 20E0575-18**		Prepared & Analyzed: 05/29/2020						
Sulfate	2300	500	mg/L	1250	1100	90	80-120			
Matrix Spike Dup (2006001-MSD1)		**Source: 20E0575-06**		Prepared & Analyzed: 05/29/2020						
Sulfate	2700	500	mg/L	1250	1600	86	80-120	3	10	
Matrix Spike Dup (2006001-MSD2)		**Source: 20E0575-18**		Prepared & Analyzed: 05/29/2020						
Sulfate	2200	500	mg/L	1250	1100	85	80-120	3	10	

TURNER LABORATORIES INC.
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

20E0575

TURNER WORK ORDER # ZS000009UC DATE: 5/27/20 PAGE 2 OF 2

PROJECT NAME: Sierrita Groundwater Samples (Sulfate)

CONTACT NAME: J. Joy/B. Dorris/B. Hart/B. Daigneau/V. Brewer

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375
PS-2	5/26/20	0845		GW	1	x
PS-1	5/26/20	0840		GW	1	x
PS-4	5/26/20	0825		GW	1	x
IW-1	5/26/20	1333		GW	1	x
IW-2A	5/26/20	1325		GW	1	x
DUP20200526A	5/26/20	0000		GW	1	x
DUP20200526B	5/26/20	0000		GW	1	x
EQB20200526A	5/26/20	0000		GW	1	x
FB20200526A	5/26/20	0000		GW	1	x

SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
5/27/20 15:14

2. RECEIVED BY:
Signature
Bill Hart
Freeport McMoRan
5/27/20

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 20
Temperature 4.2
☑ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature
Bill Hart
Freeport McMoRan
5/27/20

4. RECEIVED BY:
Signature
Turner laboratories, Inc.
5/27/20 15:14
Date/Time

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis:	☑ Yes ☐ No	Custody Seals	☐	Preservation Confirmation	☑
ADEQ Forms:	☐ Yes ☑ No	Container Intact	☑	Appropriate Head Space	☑
Mail ADEQ Forms:	☐ Yes ☑ No	COC/Labels Agree	☑	Received Within Hold Time	☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com
bdaigneau@clearcreekassociates.com / vbrewer@fmi.com

TURNER LABORATORIES INC.
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

20E0575

TURNER WORK ORDER # ZS000009UC DATE: 5/27/20 PAGE 1 OF 2

PROJECT NAME: Sierrita Groundwater Samples (Sulfate)

CONTACT NAME: J. Joy/B. Dorris/B. Hart/B. Daigneau/V. Brewer

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375
IW-26	5/26/20	1315		GW	1	x
MC-4	5/26/20	1110		GW	1	x
IW-3A	5/26/20	1320		GW	1	x
FFS-3	5/26/20	1000		GW	1	x
FFS-4	5/26/20	1025		GW	1	x
MC-1	5/26/20	0947		GW	1	x
PS-3	5/26/20	0900		GW	1	x
FFS-1	5/26/20	0922		GW	1	x
FFS-2	5/26/20	0930		GW	1	x
MC-2	5/26/20	1035		GW	1	x
MC-3	5/26/20	1100		GW	1	x

SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

1. RELINQUISHED BY:
Signature
~~Bill Hart~~ J Joy
Freeport McMoRan
5/27/20 1514

2. RECEIVED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 20
Temperature 4.2
☑ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

4. RECEIVED BY:
Signature
Jovee Basurto
Turner laboratories, Inc.
5/27/20 1514
Date/Time

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis:	☑ Yes ☐ No	Custody Seals	☐	Preservation Confirmation	☑
ADEQ Forms:	☐ Yes ☑ No	Container Intact	☑	Appropriate Head Space	☑
Mail ADEQ Forms:	☐ Yes ☑ No	COC/Labels Agree	☑	Received Within Hold Time	☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com
bdaigneau@clearcreekassociates.com / vbrewer@fmi.com

August 27, 2020

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.: 20G0506

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 5 sample(s) on 07/17/2020 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: 20G0506
Date Received: 07/17/2020

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
20G0506-01	MO-2007-3B	Ground Water	07/17/2020 1109
20G0506-02	MO-2009-1	Ground Water	07/16/2020 1204
20G0506-03	EQB20200717A	Ground Water	07/17/2020 0000
20G0506-04	FB20200717A	Ground Water	07/17/2020 0000
20G0506-05	DUP20200717A	Ground Water	07/17/2020 0000

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20G0506
Date Received: 07/17/2020

Case Narrative

This report has been revised to correct sample ID's MO-2009-1 and MO-2007-3B being mislabled at login prior to analysis. The sample ID's were changed on the report to match the results for the corrected sample IDs.

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

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20G0506
Lab Sample ID: 20G0506-01

Client Sample ID: MO-2007-3B
Collection Date/Time: 07/17/2020 1109
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	7.50	25.0		mg/L	5	07/17/2020 1000	07/21/2020 2301	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20G0506
Lab Sample ID: 20G0506-02

Client Sample ID: MO-2009-1
Collection Date/Time: 07/16/2020 1204
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	107	15.0	50.0		mg/L	10	07/17/2020 1400	08/06/2020 0340	JG
Sulfate	103	15.0	50.0		mg/L	10	07/17/2020 1400	07/18/2020 0143	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20G0506
Lab Sample ID: 20G0506-03

Client Sample ID: EQB20200717A
Collection Date/Time: 07/17/2020 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	07/17/2020 1207	07/21/2020 2318	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20G0506
Lab Sample ID: 20G0506-04

Client Sample ID: FB20200717A
Collection Date/Time: 07/17/2020 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	07/17/2020 1400	07/21/2020 2336	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20G0506
Lab Sample ID: 20G0506-05

Client Sample ID: DUP20200717A
Collection Date/Time: 07/17/2020 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	42.6	7.50	25.0		mg/L	5	07/17/2020 1400	07/22/2020 0551	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20G0506
Date Received: 07/17/2020

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2007218 - E300.0 (2.1)										
Blank (2007218-BLK1)				Prepared & Analyzed: 07/17/2020						
Sulfate	ND	5.00	mg/L							
LCS (2007218-BS1)				Prepared & Analyzed: 07/17/2020						
Sulfate	12	5.00	mg/L	12.50		98	90-110			
LCS Dup (2007218-BSD1)				Prepared & Analyzed: 07/17/2020						
Sulfate	12	5.00	mg/L	12.50		98	90-110	0.2	10	
Matrix Spike (2007218-MS1)		**Source: 20G0508-03**		Prepared: 07/17/2020 Analyzed: 07/20/2020						
Sulfate	54	10.0	mg/L	25.00	15	156	80-120			M1
Matrix Spike (2007218-MS2)		**Source: 20G0508-05**		Prepared: 07/17/2020 Analyzed: 07/20/2020						
Sulfate	27	5.00	mg/L	12.50	13	113	80-120			
Matrix Spike Dup (2007218-MSD1)		**Source: 20G0508-03**		Prepared: 07/17/2020 Analyzed: 07/20/2020						
Sulfate	52	10.0	mg/L	25.00	15	148	80-120	4	10	M1
Matrix Spike Dup (2007218-MSD2)		**Source: 20G0508-05**		Prepared: 07/17/2020 Analyzed: 07/20/2020						
Sulfate	26	5.00	mg/L	12.50	13	102	80-120	6	10	

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Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

2060506

TURNER WORK ORDER # ZS000009UC DATE: 7/17/20 PAGE 1 OF 1

PROJECT NAME: Sierrita Groundwater Samples (Sulfate)

CONTACT NAME: J. Joy/B. Dorris/B. Hart/B. Daigneau/V. Brewer

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375
MO-2009-1	7/16/20	1204		GW	1	x
MO-2007-3B	7/17/20	1109		GW	1	x
EQB20200717A	7/17/20	0000		GW	1	x
FB20200717A	7/17/20	0000		GW	1	x
DUP20200717A	7/17/20	0000		GW	1	x

SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
7/17/20 1405
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

3. RELINQUISHED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

4. RECEIVED BY:
JoDee Bussard
Signature
Turner Laboratories, Inc.
07/17/20 1405
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 5
Temperature 4.7
☑ Wet Ice ☐ Blue Ice

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis:	☑ Yes ☐ No	Custody Seals	☐	Preservation Confirmation	☑
ADEQ Forms:	☐ Yes ☑ No	Container Intact	☑	Appropriate Head Space	☑
Mail ADEQ Forms:	☐ Yes ☑ No	COC/Labels Agree	☑	Received Within Hold Time	☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com
bdaigneau@clearcreekassociates.com / vbrewer@fmi.com

Samples MO-2009-1 and MO-2007-3B were mislabeled at login Prior to analysis, we switched these sample IDs on the COC to match the results. KMM 8/27/20. KMM.

August 04, 2020

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.: 20G0729

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 5 sample(s) on 07/29/2020 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: 20G0729
Date Received: 07/29/2020

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
20G0729-01	MO-2007-6B	Ground Water	07/27/2020 0622
20G0729-02	MO-2007-6A	Ground Water	07/27/2020 0928
20G0729-03	MO-2007-4C	Ground Water	07/28/2020 0953
20G0729-04	MO-2007-4B	Ground Water	07/28/2020 1146
20G0729-05	MO-2007-4A	Ground Water	07/28/2020 1226

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20G0729
Date Received: 07/29/2020

Case Narrative

R4 MS/MSD RPD exceeded the method acceptance limit. Recovery met the acceptance criteria.

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: 20G0729
Lab Sample ID: 20G0729-01

Client Sample ID: MO-2007-6B
Collection Date/Time: 07/27/2020 0622
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	1.50	5.00		mg/L	1	07/29/2020 1637	07/29/2020 2000	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20G0729
Lab Sample ID: 20G0729-02

Client Sample ID: MO-2007-6A
Collection Date/Time: 07/27/2020 0928
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	6.51	1.50	5.00		mg/L	1	07/29/2020 1637	07/29/2020 2018	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20G0729
Lab Sample ID: 20G0729-03

Client Sample ID: MO-2007-4C
Collection Date/Time: 07/28/2020 0953
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	89.9	15.0	50.0		mg/L	10	07/29/2020 1637	07/30/2020 0139	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20G0729
Lab Sample ID: 20G0729-04

Client Sample ID: MO-2007-4B
Collection Date/Time: 07/28/2020 1146
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	47.5	1.50	5.00		mg/L	1	07/29/2020 1637	07/29/2020 2053	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20G0729
Lab Sample ID: 20G0729-05

Client Sample ID: MO-2007-4A
Collection Date/Time: 07/28/2020 1226
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	34.8	1.50	5.00		mg/L	1	07/29/2020 1637	07/29/2020 2111	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20G0729
Date Received: 07/29/2020

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2007346 - E300.0 (2.1)										
Blank (2007346-BLK1)				Prepared & Analyzed: 07/29/2020						
Sulfate	ND	5.00	mg/L							
LCS (2007346-BS1)				Prepared & Analyzed: 07/29/2020						
Sulfate	12	5.00	mg/L	12.50		100	90-110			
LCS Dup (2007346-BSD1)				Prepared & Analyzed: 07/29/2020						
Sulfate	13	5.00	mg/L	12.50		100	90-110	0.1	10	
Matrix Spike (2007346-MS1)		**Source: 20G0729-02**		Prepared: 07/29/2020 Analyzed: 07/30/2020						
Sulfate	18	5.00	mg/L	12.50	6.5	92	80-120			
Matrix Spike (2007346-MS2)		**Source: 20G0734-01**		Prepared: 07/29/2020 Analyzed: 07/30/2020						
Sulfate	35	5.00	mg/L	12.50	22	105	80-120			
Matrix Spike Dup (2007346-MSD1)		**Source: 20G0729-02**		Prepared: 07/29/2020 Analyzed: 07/30/2020						
Sulfate	20	5.00	mg/L	12.50	6.5	110	80-120	12	10	R4
Matrix Spike Dup (2007346-MSD2)		**Source: 20G0734-01**		Prepared: 07/29/2020 Analyzed: 07/30/2020						
Sulfate	37	5.00	mg/L	12.50	22	116	80-120	4	10	

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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

20G0729

TURNER WORK ORDER # ZS000009UC DATE: 7/29/20 PAGE 1 OF 1

PROJECT NAME: Sierrita Groundwater Samples (Sulfate)

CONTACT NAME: J. Joy/B. Dorris/B. Hart/B. Daigneau/V. Brewer

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375
MO-2007-6B	7/27/20	0622		GW	1	x
MO-2007-6A	7/27/20	0928		GW	1	x
MO-2007-4C	7/28/20	0953		GW	1	x
MO-2007-4B	7/28/20	1146		GW	1	x
MO-2007-4A	7/28/20	1226		GW	1	x

SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
7/29/20
Date/Time 1403

2. RECEIVED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 5
Temperature 4.5
☑ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

4. RECEIVED BY:
Signature
Turner laboratories, Inc.
07/29/20
Date/Time 1403

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis:	☑ Yes ☐ No	**Custody Seals**	☐	**Preservation Confirmation**	☑
ADEQ Forms:	☐ Yes ☑ No	**Container Intact**	☑	**Appropriate Head Space**	☑
Mail ADEQ Forms:	☐ Yes ☑ No	**COC/Labels Agree**	☑	**Received Within Hold Time**	☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com
bdaigneau@clearcreekassociates.com / vbrewer@fmi.com

August 20, 2020

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.: 20H0368

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 1 sample(s) on 08/11/2020 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: 20H0368
Date Received: 08/11/2020

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
20H0368-01	NP-2	Ground Water	08/11/2020 0904

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20H0368
Date Received: 08/11/2020

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: 08/20/2020

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20H0368
Lab Sample ID: 20H0368-01

Client Sample ID: NP-2
Collection Date/Time: 08/11/2020 0904
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	42.5	1.50	5.00		mg/L	1	08/12/2020 1300	08/12/2020 1329	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20H0368
Date Received: 08/11/2020

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2008157 - E300.0 (2.1)										
Blank (2008157-BLK1)				Prepared & Analyzed: 08/12/2020						
Sulfate	ND	5.00	mg/L							
LCS (2008157-BS1)				Prepared & Analyzed: 08/12/2020						
Sulfate	13	5.00	mg/L	12.50		100	90-110			
LCS Dup (2008157-BSD1)				Prepared & Analyzed: 08/12/2020						
Sulfate	13	5.00	mg/L	12.50		100	90-110	0.2	10	
Matrix Spike (2008157-MS1)		**Source: 20H0383-01**		Prepared: 08/12/2020 Analyzed: 08/13/2020						
Sulfate	27	5.00	mg/L	12.50	15	89	80-120			
Matrix Spike (2008157-MS2)		**Source: 20H0396-01**		Prepared: 08/12/2020 Analyzed: 08/13/2020						
Sulfate	220	50.0	mg/L	125.0	120	85	80-120			
Matrix Spike Dup (2008157-MSD1)		**Source: 20H0383-01**		Prepared: 08/12/2020 Analyzed: 08/13/2020						
Sulfate	27	5.00	mg/L	12.50	15	90	80-120	0.6	10	
Matrix Spike Dup (2008157-MSD2)		**Source: 20H0396-01**		Prepared: 08/12/2020 Analyzed: 08/13/2020						
Sulfate	220	50.0	mg/L	125.0	120	85	80-120	0.09	10	

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Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
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20H0368

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # ZS000009UC DATE: 8/11/20 PAGE 1 OF 1

PROJECT NAME: Sierrita Groundwater Samples (Sulfate)

CONTACT NAME: J. Joy/B. Dorris/B. Hart/B. Daigneau/V. Brewer

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:

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375
NP-2	8/11/20	0904		GW	1	x

SPECIFY ANALYSIS REQUESTED AND CHECK THE APPROPRIATE BOX

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
8/11/20 1415
Date/Time

2. RECEIVED BY:
Signature
Vanessa Brewer
Freeport McMoRan
8/11/20 1415

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 1
Temperature 4.9
☑ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature
Vanessa Brewer
Freeport McMoRan
8/11/20 1634

4. RECEIVED BY:
Signature
Turner laboratories, Inc.
8/11/20 1634

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis:	☑ Yes ☐ No	Custody Seals	☐	Preservation Confirmation	☑
ADEQ Forms:	☐ Yes ☑ No	Container Intact	☑	Appropriate Head Space	☑
Mail ADEQ Forms:	☐ Yes ☑ No	COC/Labels Agree	☑	Received Within Hold Time	☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com
bdaigneau@clearcreekassociates.com / vbrewer@fmi.com

August 20, 2020

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.: 20H0444

RE: Sulfate Analysis

Dear Bill Hart,

Turner Laboratories, Inc. received 6 sample(s) on 08/13/2020 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: 20H0444
Date Received: 08/13/2020

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
20H0444-01	CW-10	Ground Water	08/13/2020 0726
20H0444-02	CW-6	Ground Water	08/13/2020 0758
20H0444-03	CW-9	Ground Water	08/13/2020 0837
20H0444-04	GV-1	Ground Water	08/13/2020 0744
20H0444-05	GV-2	Ground Water	08/13/2020 0811
20H0444-06	DUP20200812A	Ground Water	08/13/2020 0000

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20H0444
Date Received: 08/13/2020

Case Narrative

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: 20H0444
Lab Sample ID: 20H0444-01

Client Sample ID: CW-10
Collection Date/Time: 08/13/2020 0726
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	48.6	7.50	25.0		mg/L	5	08/14/2020 1138	08/15/2020 0128	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20H0444
Lab Sample ID: 20H0444-02

Client Sample ID: CW-6
Collection Date/Time: 08/13/2020 0758
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	59.9	7.50	25.0		mg/L	5	08/14/2020 1138	08/15/2020 0145	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20H0444
Lab Sample ID: 20H0444-03

Client Sample ID: CW-9
Collection Date/Time: 08/13/2020 0837
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	53.7	7.50	25.0		mg/L	5	08/14/2020 1138	08/15/2020 0203	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20H0444
Lab Sample ID: 20H0444-04

Client Sample ID: GV-1
Collection Date/Time: 08/13/2020 0744
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	20.0	1.50	5.00		mg/L	1	08/14/2020 1138	08/15/2020 0221	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20H0444
Lab Sample ID: 20H0444-05

Client Sample ID: GV-2
Collection Date/Time: 08/13/2020 0811
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-E300.0 (2.1)									
Sulfate	55.5	7.50	25.0		mg/L	5	08/14/2020 1138	08/17/2020 1733	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20H0444
Lab Sample ID: 20H0444-06

Client Sample ID: DUP20200812A
Collection Date/Time: 08/13/2020 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	54.7	7.50	25.0		mg/L	5	08/14/2020 1138	08/15/2020 0257	JG

Client: Freeport McMoran Sierrita Ops
Project: Sulfate Analysis
Work Order: 20H0444
Date Received: 08/13/2020

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2008191 - E300.0 (2.1)										
Blank (2008191-BLK1)				Prepared & Analyzed: 08/14/2020						
Sulfate	ND	5.00	mg/L							
LCS (2008191-BS1)				Prepared & Analyzed: 08/14/2020						
Sulfate	12	5.00	mg/L	12.50		100	90-110			
LCS Dup (2008191-BSD1)				Prepared & Analyzed: 08/14/2020						
Sulfate	13	5.00	mg/L	12.50		100	90-110	0.6	10	
Matrix Spike (2008191-MS1)		**Source: 20H0449-03**		Prepared: 08/14/2020 Analyzed: 08/15/2020						
Sulfate	34000	10000	mg/L	25000	31000	12	80-120			M2
Matrix Spike (2008191-MS2)		**Source: 20H0449-08**		Prepared: 08/14/2020 Analyzed: 08/15/2020						
Sulfate	34000	10000	mg/L	25000	14000	78	80-120			M2
Matrix Spike (2008191-MS3)		**Source: 20H0449-15**		Prepared: 08/14/2020 Analyzed: 08/15/2020						
Sulfate	37000	10000	mg/L	25000	24000	50	80-120			M2
Matrix Spike Dup (2008191-MSD1)		**Source: 20H0449-03**		Prepared: 08/14/2020 Analyzed: 08/15/2020						
Sulfate	34000	10000	mg/L	25000	31000	12	80-120	0.4	10	M2
Matrix Spike Dup (2008191-MSD2)		**Source: 20H0449-08**		Prepared: 08/14/2020 Analyzed: 08/15/2020						
Sulfate	33000	10000	mg/L	25000	14000	77	80-120	0.5	10	M2
Matrix Spike Dup (2008191-MSD3)		**Source: 20H0449-15**		Prepared: 08/14/2020 Analyzed: 08/15/2020						
Sulfate	37000	10000	mg/L	25000	24000	50	80-120	0.06	10	M2

TURNER LABORATORIES INC.
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

20H0444

TURNER WORK ORDER # ZS000009UC DATE: 8/13/20 PAGE 1 OF 1

PROJECT NAME: Sierrita Groundwater Samples (Sulfate)

CONTACT NAME: J. Joy/B. Dorris/B. Hart/B. Daigneau/V. Brewer

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

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	SO4 by EPA 300 or EPA 375
CW-10	8/12/20	0726		GW	1	x
CW-6	8/12/20	0758		GW	1	x
CW-9	8/12/20	0837		GW	1	x
GV-1	8/13/20	0744		GW	1	x
GV-2	8/13/20	0811		GW	1	x
DUP20200812A	8/12/20	0000		GW	1	x

1. RELINQUISHED BY:
Signature
Jeff Joy
Freeport McMoRan
8/13/20 1503
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
____Next day ____2 Day ____5 Day*
__X__ Email Preliminary Results To:
SEE COMMENTS BELOW
* Working Days

REPORT REQUIREMENTS:
__X__ 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 6
Temperature 4.8
☑ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature
Printed Name
Freeport McMoRan
Date/Time

4. RECEIVED BY:
Signature
Turner laboratories, Inc.
8/13/20 15:03
Date/Time

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
ST = STORMWATER

SPECIAL INSTRUCTIONS/COMMENTS: All samples have been field-filtered unless specified here

Compliance Analysis:	☑ Yes ☐ No	Custody Seals	☐	Preservation Confirmation	☑
ADEQ Forms:	☐ Yes ☑ No	Container Intact	☑	Appropriate Head Space	☑
Mail ADEQ Forms:	☐ Yes ☑ No	COC/Labels Agree	☑	Received Within Hold Time	☑

Please cc all on results: jjoy@fmi.com / bdorris@fmi.com / whart@fmi.com
bdaigneau@clearcreekassociates.com / vbrewer@fmi.com

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Report

April 16, 2020

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

CC: Ben Daigneau

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

Project ID: ZS0000079 - SULFATE ONLY
ACZ Project ID: L58264

Jeff Joy:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on April 03, 2020. This project has been assigned to ACZ's project number, L58264. 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 L58264. 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 16, 2020. 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.

ACCREDITED IN ACCORDANCE WITH nelac
ACIL

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

FMI Gold & Copper - Sierrita
Project ID: ZS0000079
[redacted] [redacted]

ACZ Sample ID: [redacted]
Date Sampled: [redacted]
Date Received: [redacted]
Sample Matrix: [redacted]

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
[redacted]										

Arizona license number: AZ0102

ACZ Laboratories, Inc.
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Inorganic Analytical Results

FMI Gold & Copper - Sierrita
Project ID: ZS0000079
Sample ID: [redacted]

ACZ Sample ID: [redacted]
Date Sampled: [redacted]
Date Received: [redacted]
Sample Matrix: [redacted]

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
[redacted]										

Arizona license number: AZ0102

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
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Inorganic Analytical Results

FMI Gold & Copper - Sierrita
Project ID: ZS0000079
Sample ID: MH-28

ACZ Sample ID: ***L58264-03***
Date Sampled: *04/02/20 08:20*
Date Received: *04/03/20*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Sulfate	D516-02/-07/-11 - Turbidimetric	100	1830		*	mg/L	100	500	04/08/20 11:48	rbt

Arizona license number: AZ0102

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
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Inorganic Analytical Results

FMI Gold & Copper - Sierrita
Project ID: ZS0000079
Sample ID: [redacted]

ACZ Sample ID: [redacted]
Date Sampled: [redacted]
Date Received: [redacted]
Sample Matrix: [redacted]

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
[redacted]										

Arizona license number: AZ0102

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
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Inorganic Analytical Results

FMI Gold & Copper - Sierrita
Project ID: ZS0000079
Sample ID: MH-29

ACZ Sample ID: ***L58264-05***
Date Sampled: *04/02/20 09:41*
Date Received: *04/03/20*
Sample Matrix: *Groundwater*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Sulfate	D516-02/-07/-11 - Turbidimetric	100	1720		*	mg/L	100	500	04/08/20 11:48	rbt

Arizona license number: AZ0102

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
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Inorganic Reference

Report Header Explanations

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

QC Sample Types

AS	Analytical Spike (Post Digestion)	*LCSWD*	Laboratory Control Sample - Water Duplicate
ASD	Analytical Spike (Post Digestion) Duplicate	*LFB*	Laboratory Fortified Blank
CCB	Continuing Calibration Blank	*LFM*	Laboratory Fortified Matrix
CCV	Continuing Calibration Verification standard	*LFMD*	Laboratory Fortified Matrix Duplicate
DUP	Sample Duplicate	*LRB*	Laboratory Reagent Blank
ICB	Initial Calibration Blank	*MS*	Matrix Spike
ICV	Initial Calibration Verification standard	*MSD*	Matrix Spike Duplicate
ICSAB	Inter-element Correction Standard - A plus B solutions	*PBS*	Prep Blank - Soil
LCSS	Laboratory Control Sample - Soil	*PBW*	Prep Blank - Water
LCSSD	Laboratory Control Sample - Soil Duplicate	*PQV*	Practical Quantitation Verification standard
LCSW	Laboratory Control Sample - Water	*SDL*	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. 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://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic QC Summary

FMI Gold & Copper - Sierrita

ACZ Project ID: ***L58264***

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.

Antimony, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG495160													
WG495160ICV	ICV	04/08/20 15:39	MS200331-1	.02004		.02107	mg/L	105	90	110			
WG495160ICB	ICB	04/08/20 15:41				U	mg/L		-0.00088	0.00088			
WG495160LFB	LFB	04/08/20 15:48	MS200120-3	.01		.00896	mg/L	90	85	115			
L58263-05AS	AS	04/08/20 15:59	MS200120-3	.01	U	.0078	mg/L	78	70	130			
L58263-05ASD	ASD	04/08/20 16:00	MS200120-3	.01	U	.00831	mg/L	83	70	130	6	20	
L58264-02AS	AS	04/08/20 16:16	MS200120-3	.01	U	.00759	mg/L	76	70	130			
L58264-02ASD	ASD	04/08/20 16:18	MS200120-3	.01	U	.00789	mg/L	79	70	130	4	20	

Arsenic, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG495160													
WG495160ICV	ICV	04/08/20 15:39	MS200331-1	.05		.0497	mg/L	99	90	110			
WG495160ICB	ICB	04/08/20 15:41				U	mg/L		-0.00044	0.00044			
WG495160LFB	LFB	04/08/20 15:48	MS200120-3	.05005		.04715	mg/L	94	85	115			
L58263-05AS	AS	04/08/20 15:59	MS200120-3	.05005	.0083	.05642	mg/L	96	70	130			
L58263-05ASD	ASD	04/08/20 16:00	MS200120-3	.05005	.0083	.05791	mg/L	99	70	130	3	20	
L58264-02AS	AS	04/08/20 16:16	MS200120-3	.05005	.0002	.0462	mg/L	92	70	130			
L58264-02ASD	ASD	04/08/20 16:18	MS200120-3	.05005	.0002	.04411	mg/L	88	70	130	5	20	

Beryllium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG495160													
WG495160ICV	ICV	04/08/20 15:39	MS200331-1	.05		.048369	mg/L	97	90	110			
WG495160ICB	ICB	04/08/20 15:41				U	mg/L		-0.000176	0.000176			
WG495160LFB	LFB	04/08/20 15:48	MS200120-3	.05005		.045209	mg/L	90	85	115			
L58263-05AS	AS	04/08/20 15:59	MS200120-3	.05005	U	.048416	mg/L	97	70	130			
L58263-05ASD	ASD	04/08/20 16:00	MS200120-3	.05005	U	.049032	mg/L	98	70	130	1	20	
L58264-02AS	AS	04/08/20 16:16	MS200120-3	.05005	U	.038834	mg/L	78	70	130			
L58264-02ASD	ASD	04/08/20 16:18	MS200120-3	.05005	U	.037134	mg/L	74	70	130	4	20	

Cadmium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG495160													
WG495160ICV	ICV	04/08/20 15:39	MS200331-1	.05		.048586	mg/L	97	90	110			
WG495160ICB	ICB	04/08/20 15:41				U	mg/L		-0.00011	0.00011			
WG495160LFB	LFB	04/08/20 15:48	MS200120-3	.05005		.046237	mg/L	92	85	115			
L58263-05AS	AS	04/08/20 15:59	MS200120-3	.05005	.00047	.047699	mg/L	94	70	130			
L58263-05ASD	ASD	04/08/20 16:00	MS200120-3	.05005	.00047	.047735	mg/L	94	70	130	0	20	
L58264-02AS	AS	04/08/20 16:16	MS200120-3	.05005	U	.043207	mg/L	86	70	130			
L58264-02ASD	ASD	04/08/20 16:18	MS200120-3	.05005	U	.042029	mg/L	84	70	130	3	20	

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic QC Summary

FMI Gold & Copper - Sierrita

ACZ Project ID: ***L58264***

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
WG495216													
WG495216ICV	ICV	04/09/20 11:33	II200403-1	2		1.976	mg/L	99	95	105			
WG495216ICB	ICB	04/09/20 11:39				U	mg/L		-0.03	0.03			
WG495216LFB	LFB	04/09/20 11:52	II200407-3	.501		.502	mg/L	100	85	115			
L58184-01AS	AS	04/09/20 11:58	II200407-3	.501	U	.501	mg/L	100	85	115			
L58184-01ASD	ASD	04/09/20 12:02	II200407-3	.501	U	.495	mg/L	99	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
WG495216													
WG495216ICV	ICV	04/09/20 11:33	II200403-1	2.002		1.956	mg/L	98	95	105			
WG495216ICB	ICB	04/09/20 11:39				U	mg/L		-0.03	0.03			
WG495216LFB	LFB	04/09/20 11:52	II200407-3	.5		.487	mg/L	97	85	115			
L58184-01AS	AS	04/09/20 11:58	II200407-3	.5	U	.488	mg/L	98	85	115			
L58184-01ASD	ASD	04/09/20 12:02	II200407-3	.5	U	.478	mg/L	96	85	115	2	20	

Copper, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG495216													
WG495216ICV	ICV	04/09/20 11:33	II200403-1	2		1.927	mg/L	96	95	105			
WG495216ICB	ICB	04/09/20 11:39				U	mg/L		-0.03	0.03			
WG495216LFB	LFB	04/09/20 11:52	II200407-3	.502		.488	mg/L	97	85	115			
L58184-01AS	AS	04/09/20 11:58	II200407-3	.502	.3	.779	mg/L	95	85	115			
L58184-01ASD	ASD	04/09/20 12:02	II200407-3	.502	.3	.781	mg/L	96	85	115	0	20	

Fluoride SM4500F-C

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG495130													
WG495130ICV	ICV	04/08/20 11:05	WC200406-1	2.004		2.04	mg/L	102	90	110			
WG495130ICB	ICB	04/08/20 11:09				U	mg/L		-0.3	0.3			
WG495161													
WG495161ICV	ICV	04/08/20 14:57	WC200406-1	2.004		2.13	mg/L	106	90	110			
WG495161ICB	ICB	04/08/20 15:05				U	mg/L		-0.3	0.3			
WG495161LFB1	LFB	04/08/20 15:11	WC191014-1	5.01		4.91	mg/L	98	90	110			
L58124-02AS	AS	04/08/20 16:19	WC191014-1	5.01	U	4.76	mg/L	95	90	110			
L58124-02ASD	ASD	04/08/20 16:22	WC191014-1	5.01	U	4.76	mg/L	95	90	110	0	20	
WG495161LFB2	LFB	04/08/20 17:10	WC191014-1	5.01		4.8	mg/L	96	90	110			
WG495550													
WG495550ICV	ICV	04/15/20 14:27	WC200406-1	2.004		2.08	mg/L	104	90	110			
WG495550ICB	ICB	04/15/20 14:31				U	mg/L		-0.3	0.3			
WG495550LFB1	LFB	04/15/20 14:38	WC191014-1	5.01		5.09	mg/L	102	90	110			
L58264-05AS	AS	04/15/20 16:19	WC191014-1	5.01	.2	4.93	mg/L	94	90	110			
L58264-05ASD	ASD	04/15/20 16:22	WC191014-1	5.01	.2	4.93	mg/L	94	90	110	0	20	
WG495550LFB2	LFB	04/15/20 16:25	WC191014-1	5.01		5.29	mg/L	106	90	110			

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Inorganic QC Summary

FMI Gold & Copper - Sierrita

ACZ Project ID: ***L58264***

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.

Lead, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG495160													
WG495160ICV	ICV	04/08/20 15:39	MS200331-1	.05		.05097	mg/L	102	90	110			
WG495160ICB	ICB	04/08/20 15:41				U	mg/L		-0.00022	0.00022			
WG495160LFB	LFB	04/08/20 15:48	MS200120-3	.05005		.0462	mg/L	92	85	115			
L58263-05AS	AS	04/08/20 15:59	MS200120-3	.05005	U	.04616	mg/L	92	70	130			
L58263-05ASD	ASD	04/08/20 16:00	MS200120-3	.05005	U	.04647	mg/L	93	70	130	1	20	
L58264-02AS	AS	04/08/20 16:16	MS200120-3	.05005	U	.04889	mg/L	98	70	130			
L58264-02ASD	ASD	04/08/20 16:18	MS200120-3	.05005	U	.04767	mg/L	95	70	130	3	20	

Magnesium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG495216													
WG495216ICV	ICV	04/09/20 11:33	II200403-1	100		97.27	mg/L	97	95	105			
WG495216ICB	ICB	04/09/20 11:39				U	mg/L		-0.6	0.6			
WG495216LFB	LFB	04/09/20 11:52	II200407-3	49.99828		48.18	mg/L	96	85	115			
L58184-01AS	AS	04/09/20 11:58	II200407-3	49.99828	28.5	75.48	mg/L	94	85	115			
L58184-01ASD	ASD	04/09/20 12:02	II200407-3	49.99828	28.5	75.89	mg/L	95	85	115	1	20	

Molybdenum, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG495216													
WG495216ICV	ICV	04/09/20 11:33	II200403-1	2		1.996	mg/L	100	95	105			
WG495216ICB	ICB	04/09/20 11:39				U	mg/L		-0.06	0.06			
WG495216LFB	LFB	04/09/20 11:52	II200407-3	.4995		.498	mg/L	100	85	115			
L58184-01AS	AS	04/09/20 11:58	II200407-3	.4995	U	.5	mg/L	100	85	115			
L58184-01ASD	ASD	04/09/20 12:02	II200407-3	.4995	U	.491	mg/L	98	85	115	2	20	

Nickel, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG495160													
WG495160ICV	ICV	04/08/20 15:39	MS200331-1	.05		.05103	mg/L	102	90	110			
WG495160ICB	ICB	04/08/20 15:41				U	mg/L		-0.00088	0.00088			
WG495160LFB	LFB	04/08/20 15:48	MS200120-3	.05		.04608	mg/L	92	85	115			
L58263-05AS	AS	04/08/20 15:59	MS200120-3	.05	U	.04444	mg/L	89	70	130			
L58263-05ASD	ASD	04/08/20 16:00	MS200120-3	.05	U	.04579	mg/L	92	70	130	3	20	
L58264-02AS	AS	04/08/20 16:16	MS200120-3	.05	U	.04004	mg/L	80	70	130			
L58264-02ASD	ASD	04/08/20 16:18	MS200120-3	.05	U	.03747	mg/L	75	70	130	7	20	

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Inorganic QC Summary

FMI Gold & Copper - Sierrita

ACZ Project ID: ***L58264***

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.

Nitrate/Nitrite as N M353.2 - H2SO4 preserved

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG495353													
WG495353ICV	ICV	04/10/20 22:10	WI200213-7	2.416		2.451	mg/L	101	90	110			
WG495353ICB	ICB	04/10/20 22:12				U	mg/L		-0.02	0.02			
WG495355													
WG495355LFB1	LFB	04/10/20 23:55	WI200331-15	2		1.986	mg/L	99	90	110			
L57138-10AS	AS	04/10/20 23:57	WI200331-15	2	U	2.01	mg/L	101	90	110			
L57139-10DUP	DUP	04/11/20 0:00			U	U	mg/L				0	20	RA
L58264-05AS	AS	04/11/20 0:17	WI200331-15	2	U	2.057	mg/L	103	90	110			
L58265-01DUP	DUP	04/11/20 0:19			U	U	mg/L				0	20	RA
WG495355LFB2	LFB	04/11/20 0:35	WI200331-15	2		1.99	mg/L	100	90	110			

Residue, Filterable (TDS) @180C SM2540C

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG494968													
WG494968PBW	PBW	04/06/20 8:54				U	mg/L		-20	20			
WG494968LCSW	LCSW	04/06/20 8:56	PCN60924	1000		1050	mg/L	105	80	120			
L58264-04DUP	DUP	04/06/20 9:28			2430	2400	mg/L				1	10	
L58278-01DUP	DUP	04/06/20 9:59			1890	1880	mg/L				1	10	

Selenium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG495160													
WG495160ICV	ICV	04/08/20 15:39	MS200331-1	.05		.05075	mg/L	102	90	110			
WG495160ICB	ICB	04/08/20 15:41				U	mg/L		-0.00022	0.00022			
WG495160LFB	LFB	04/08/20 15:48	MS200120-3	.05		.04835	mg/L	97	85	115			
L58263-05AS	AS	04/08/20 15:59	MS200120-3	.05	.0012	.05272	mg/L	103	70	130			
L58263-05ASD	ASD	04/08/20 16:00	MS200120-3	.05	.0012	.05233	mg/L	102	70	130	1	20	
L58264-02AS	AS	04/08/20 16:16	MS200120-3	.05	U	.05309	mg/L	106	70	130			
L58264-02ASD	ASD	04/08/20 16:18	MS200120-3	.05	U	.04976	mg/L	100	70	130	6	20	

Sulfate D516-02/-07/-11 - Turbidimetric

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG495133													
WG495133ICB	ICB	04/08/20 9:08				U	mg/L		-3	3			
WG495133ICV	ICV	04/08/20 9:08	WI200406-1	20		19.2	mg/L	96	90	110			
WG495133LFB	LFB	04/08/20 11:05	WI190801-3	10.01		9.8	mg/L	98	90	110			
L58263-01AS	AS	04/08/20 11:05	WI190801-3	10.01	3.7	13.9	mg/L	102	90	110			
L58263-02DUP	DUP	04/08/20 11:05			27.9	28.4	mg/L				2	20	
L58264-03AS	AS	04/08/20 11:48	SO4TURB	10	1830	1790	mg/L	-400	90	110			M3
L58264-04DUP	DUP	04/08/20 11:48			1270	1270	mg/L				0	20	

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Inorganic QC Summary

FMI Gold & Copper - Sierrita

ACZ Project ID: ***L58264***

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.

Thallium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG495160													
WG495160ICV	ICV	04/08/20 15:39	MS200331-1	.05		.05174	mg/L	103	90	110			
WG495160ICB	ICB	04/08/20 15:41				U	mg/L		-0.00022	0.00022			
WG495160LFB	LFB	04/08/20 15:48	MS200120-3	.0501		.04771	mg/L	95	85	115			
L58263-05AS	AS	04/08/20 15:59	MS200120-3	.0501	U	.04764	mg/L	95	70	130			
L58263-05ASD	ASD	04/08/20 16:00	MS200120-3	.0501	U	.04777	mg/L	95	70	130	0	20	
L58264-02AS	AS	04/08/20 16:16	MS200120-3	.0501	U	.0521	mg/L	104	70	130			
L58264-02ASD	ASD	04/08/20 16:18	MS200120-3	.0501	U	.05057	mg/L	101	70	130	3	20	

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Inorganic Extended Qualifier Report

FMI Gold & Copper - Sierrita ACZ Project ID: ***L58264***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L58264-01	WG495160	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.
	WG495355	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).
L58264-02	WG495355	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).
	WG495133	Sulfate	D516-02/-07/-11 - Turbidimetric	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.
L58264-03	WG495355	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).
	WG495133	Sulfate	D516-02/-07/-11 - Turbidimetric	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.
L58264-04	WG495355	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).
	WG495133	Sulfate	D516-02/-07/-11 - Turbidimetric	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.
L58264-05	WG495355	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).
	WG495133	Sulfate	D516-02/-07/-11 - Turbidimetric	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.

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Certification Qualifiers

FMI Gold & Copper - Sierrita

ACZ Project ID: ***L58264***

No certification qualifiers associated with this analysis

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

FMI Gold & Copper - Sierrita
ZS0000079

ACZ Project ID: L58264
Date Received: 04/03/2020 11:28
Received By:
Date Printed: 4/8/2020

Receipt Verification

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

Samples/Containers

	YES	NO	NA
8) Are all containers intact and with no leaks?	X		
9) Are all labels on containers and are they intact and legible?	X		
10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time?	X		
11) For preserved bottle types, was the pH checked and within limits? [1]	X		
12) Is there sufficient sample volume to perform all requested work?	X		
13) Is the custody seal intact on all containers?			X
14) Are samples that require zero headspace acceptable?			X
15) Are all sample containers appropriate for analytical requirements?		X	

L58264-04 : A Green container not received and a new container created from the Raw .

16) Is there an Hg-1631 trip blank present?			X
17) Is there a VOA trip blank present?			X
18) Were all samples received within hold time?	X		

NA indicates Not Applicable

Chain of Custody Related Remarks

Client Contact Remarks

Shipping Containers

Cooler Id	Temp(°C)	Temp Criteria(°C)	Rad(µR/Hr)	Custody Seal Intact?
5346	3.2	<=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.

ACZ Laboratories, Inc.
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Sample Receipt

FMI Gold & Copper - Sierrita
ZS0000079

ACZ Project ID: L58264
Date Received: 04/03/2020 11:28
Received By:
Date Printed: 4/8/2020

[1] 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), Na2S2O3 preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).

ACZ Laboratories, Inc. L58264

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

CHAIN of CUSTODY

Report to:

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

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 [ ] NO [X]
If yes, please include state forms. Results will be reported to PQL.

PROJECT INFORMATION

Quote #:
Project/PO #: ZS0000079
Reporting state for compliance testing:
Sampler's Name: Jeff Joy
Are any samples NRC licensable material? Yes No

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

SAMPLE IDENTIFICATION	DATE:TIME	Matrix	# of Containers	Quarterly
MH-28	4/2/20 : 0820	GW	4	X
MH-29	4/2/20 : 0941	GW	4	X

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

REMARKS

PLEASE FILTER MH-15W RAW WATER FOR METALS/SULFATE
UPS Tracking # 1Z 867 7E4 22 1000 554 9

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

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	4/2/20 : 1530	[signature] 4/3/20	11:28

L58264 Chain of Custod

FRMAD050.01.15.09 White - Return with sample. Yellow - Retain for your records.

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

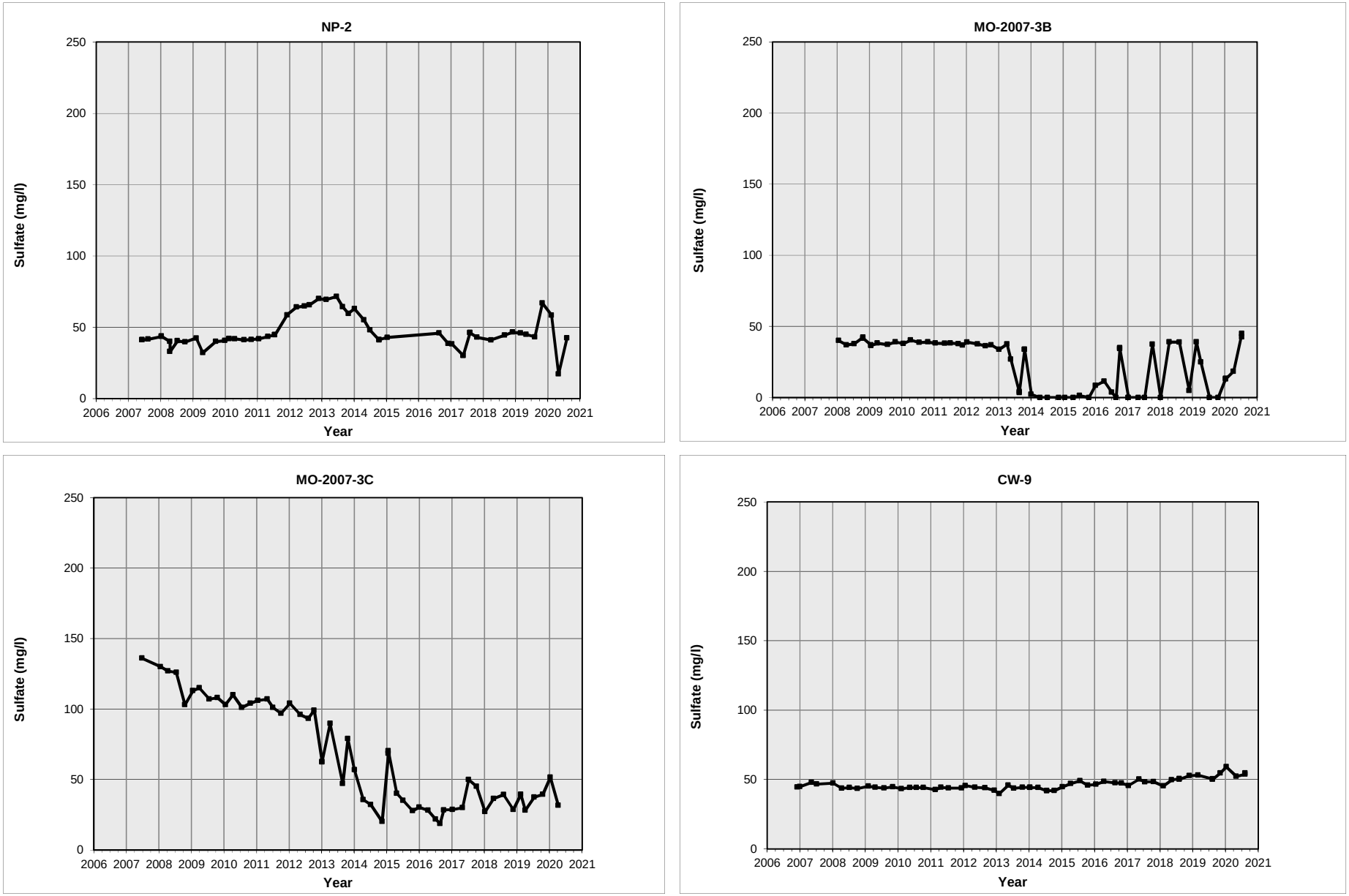
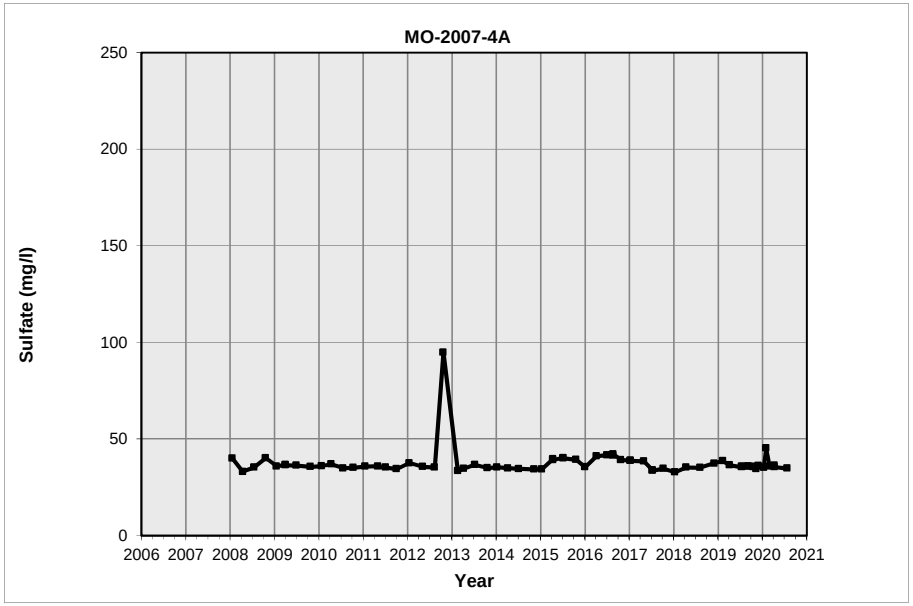
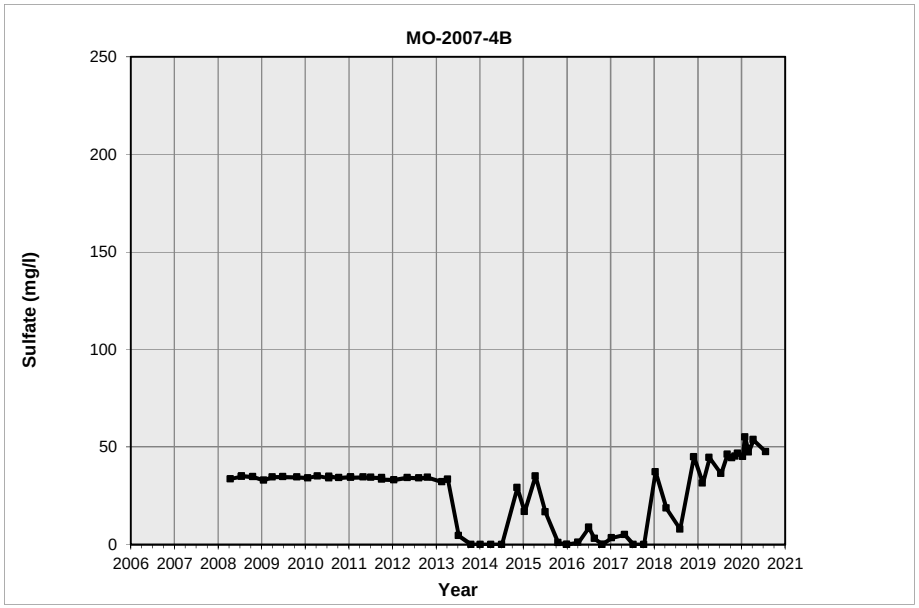
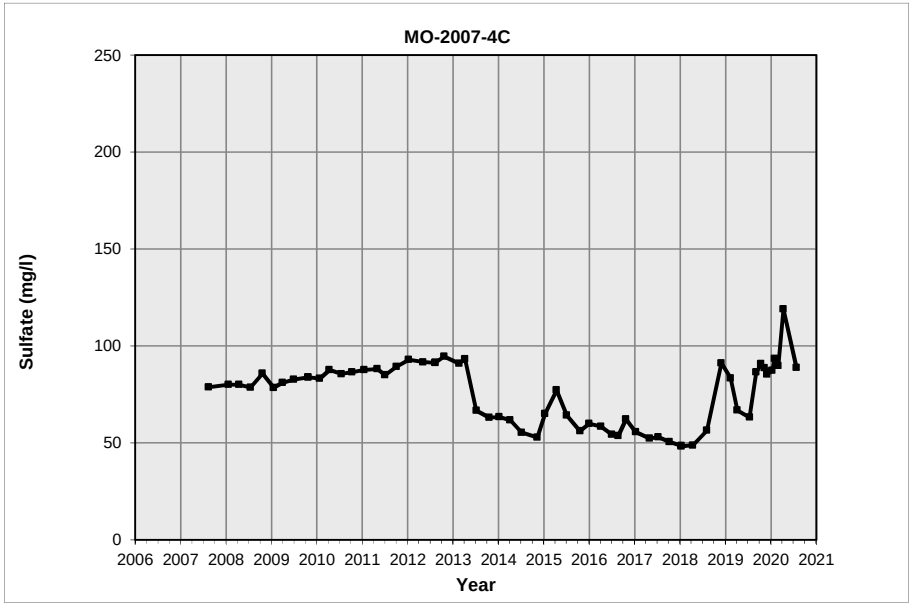


FIGURE C.2
SULFATE CONCENTRATION OVER TIME FOR WELLS
MO-2007-4A, MO-2007-4B, MO-2007-4C, AND CW-6







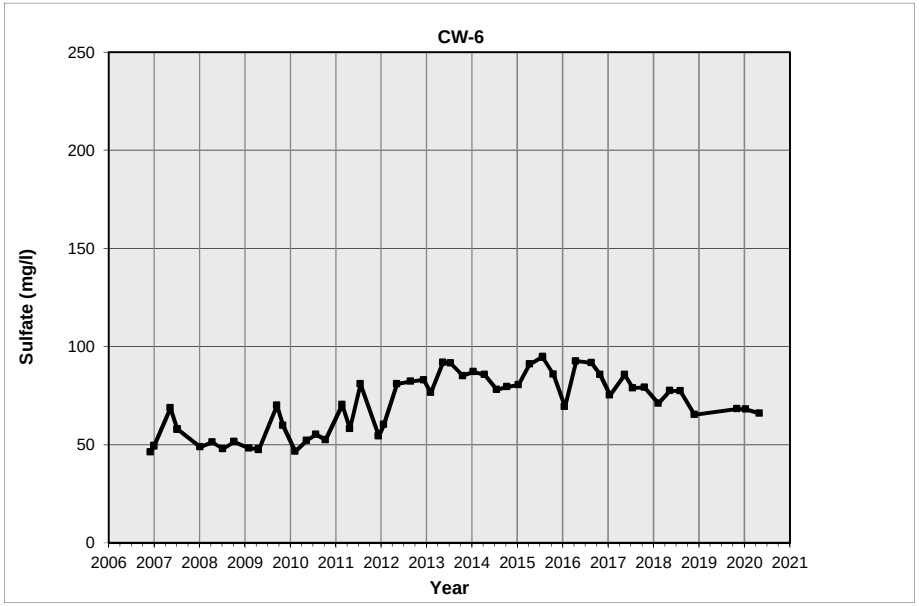
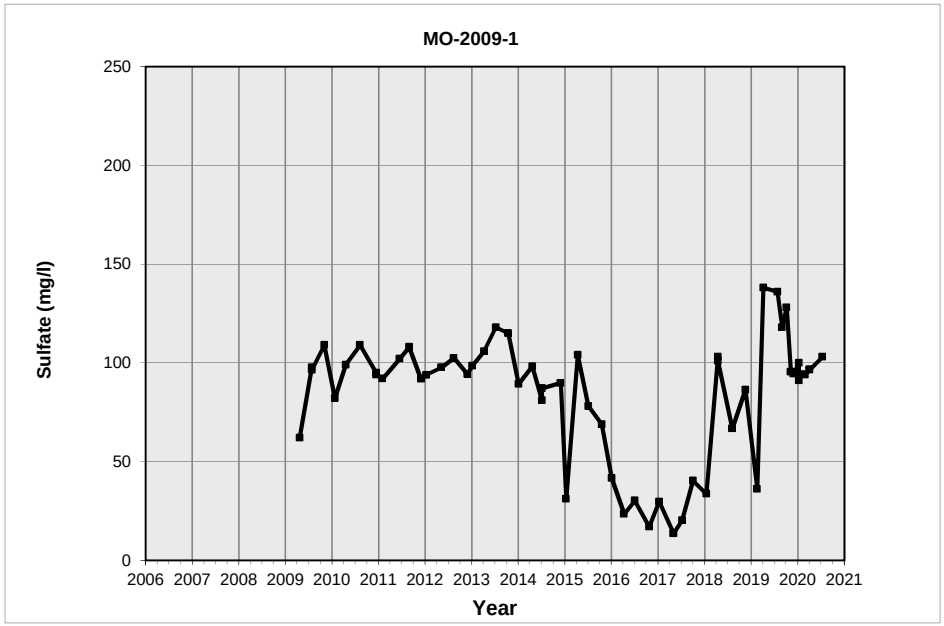


FIGURE C.3
SULFATE CONCENTRATION OVER TIME FOR WELLS
MO-2009-1 AND CW-10



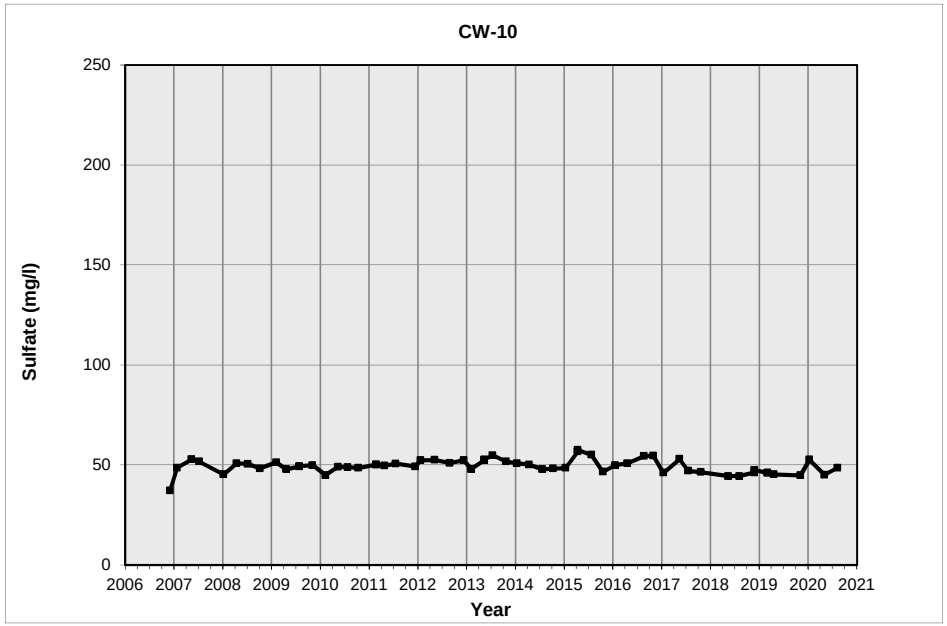


FIGURE C.4
SULFATE CONCENTRATION OVER TIME FOR WELLS
GV-01-GVDWID, GV-02-GVDWID, MO-2007-6A, AND MO-2007-6B

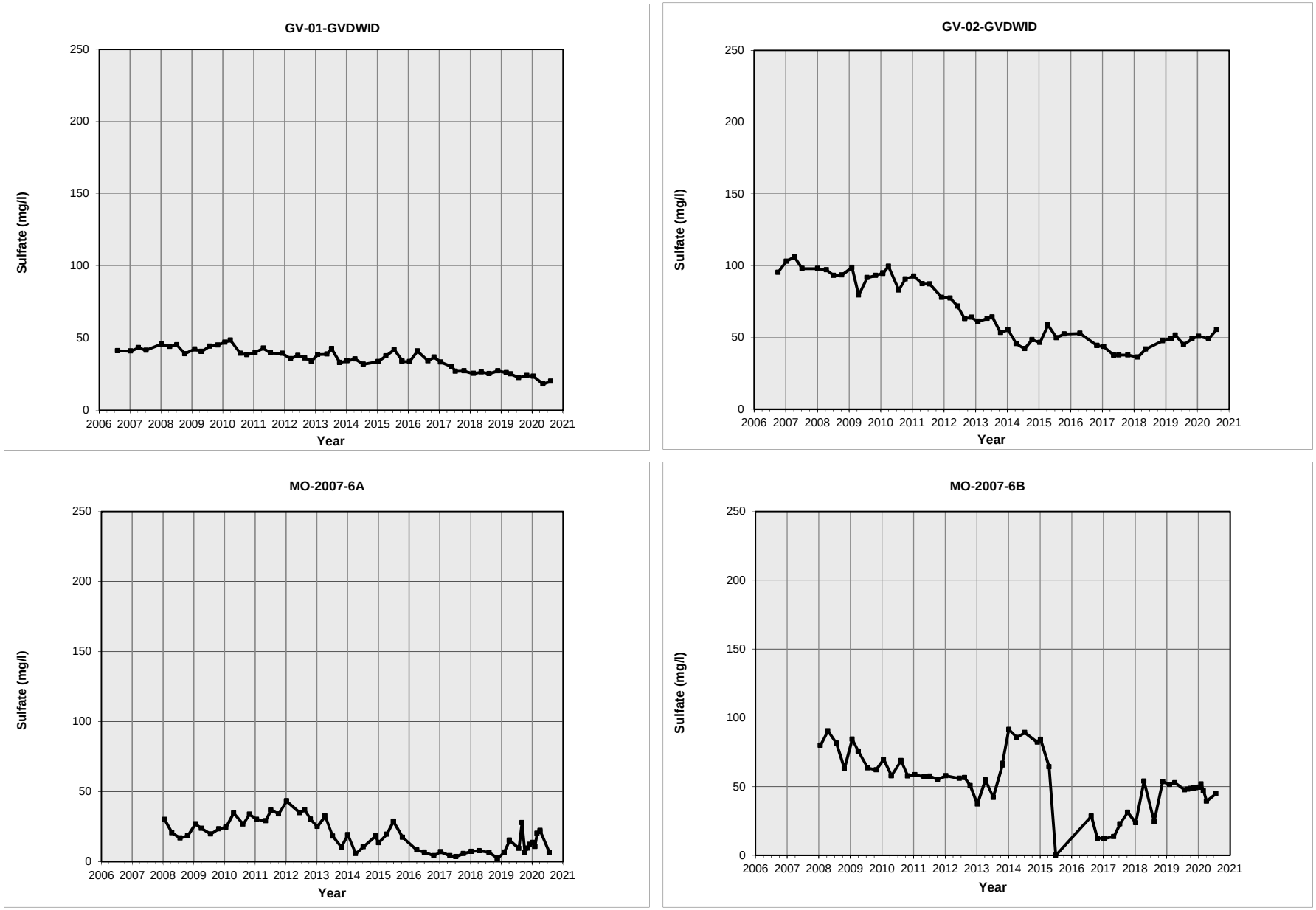
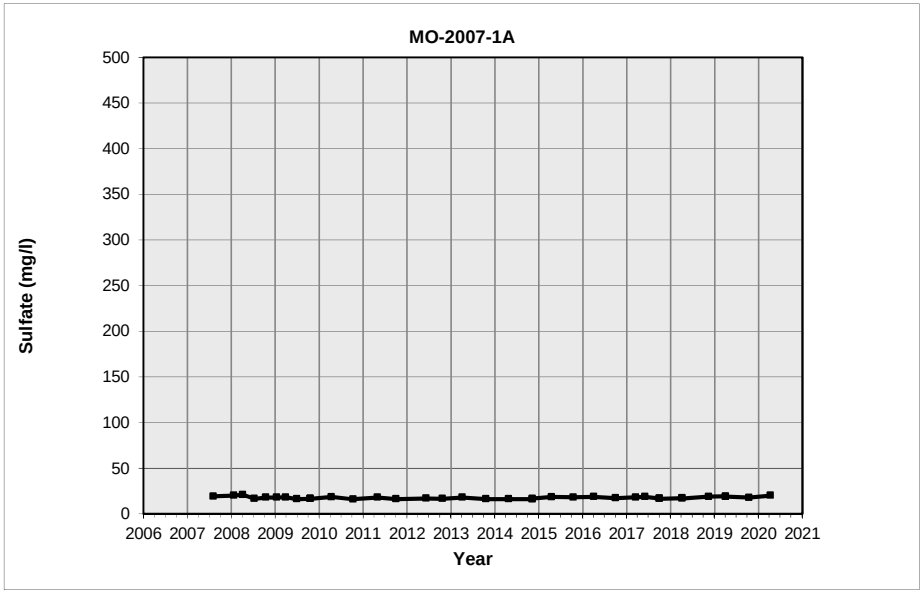
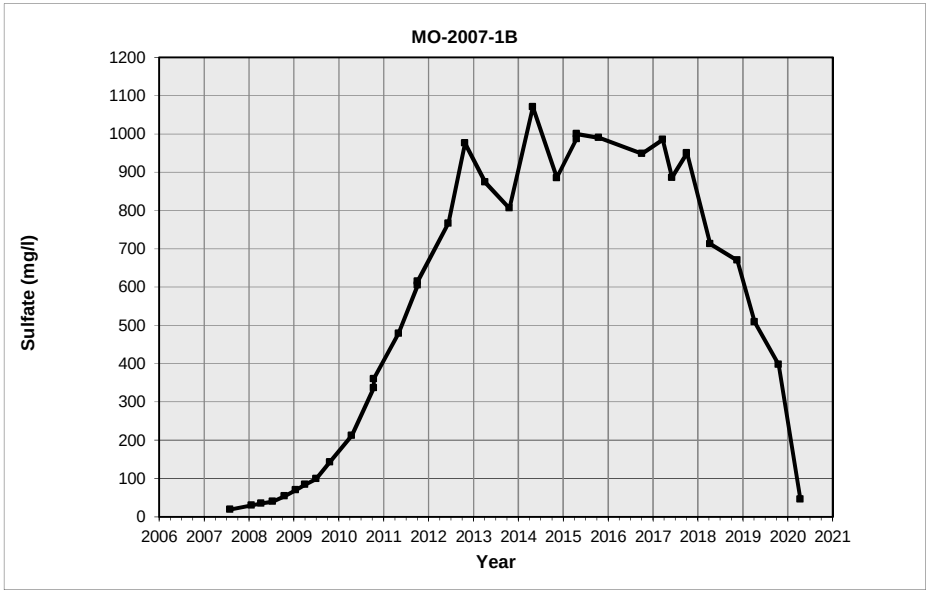


FIGURE C.5
SULFATE CONCENTRATION OVER TIME FOR WELLS
MO-2007-1A, MO-2007-1B, AND MO-2007-1C





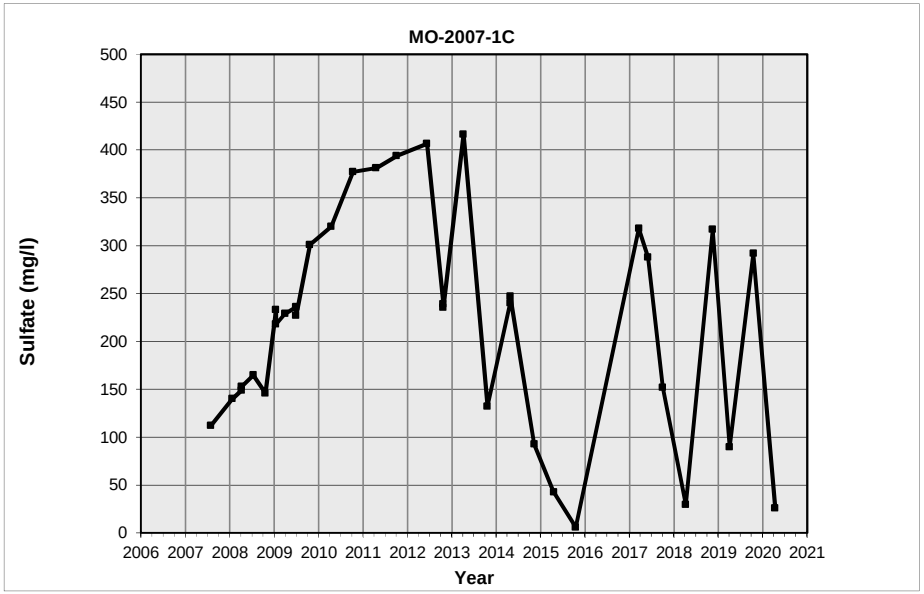
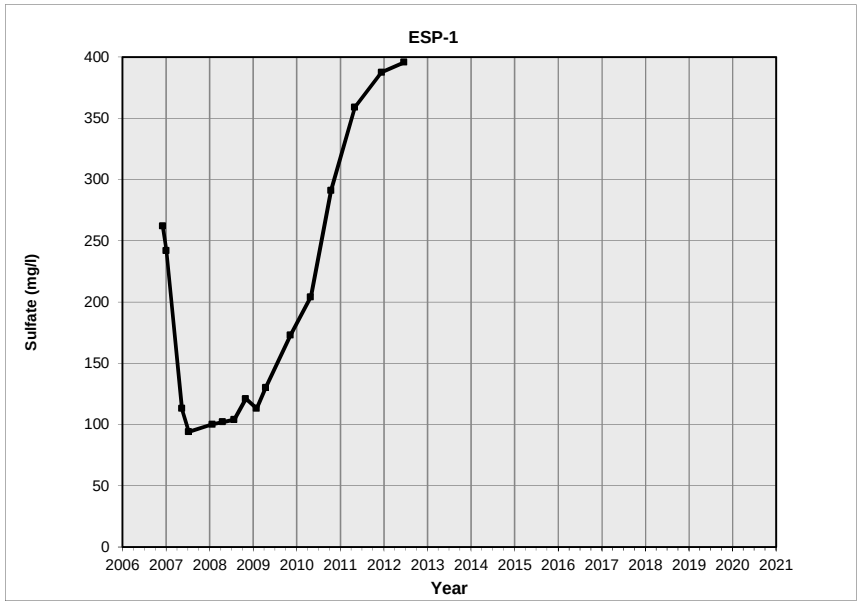
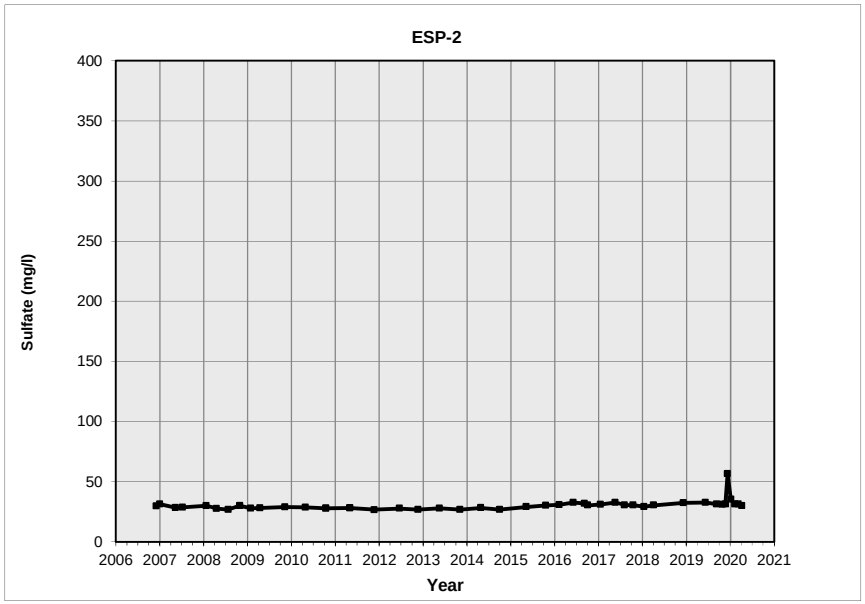
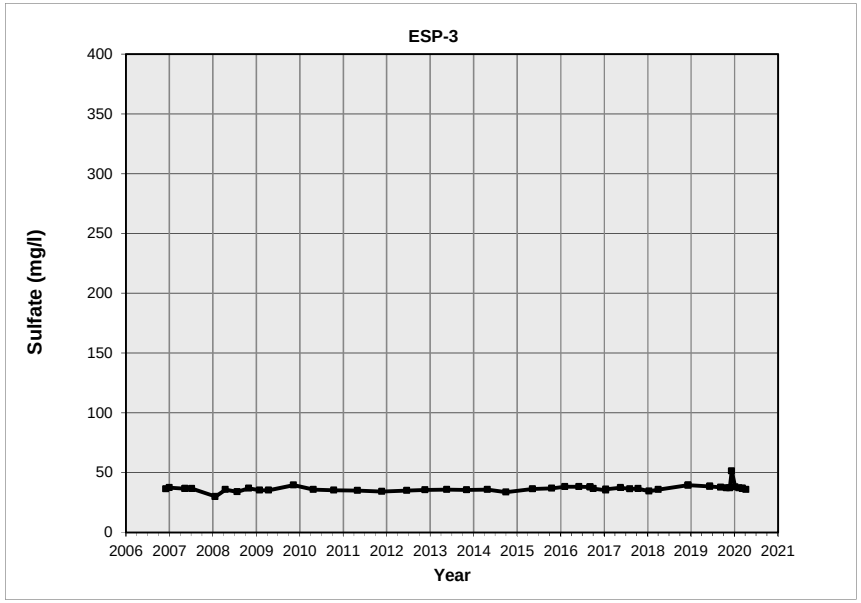
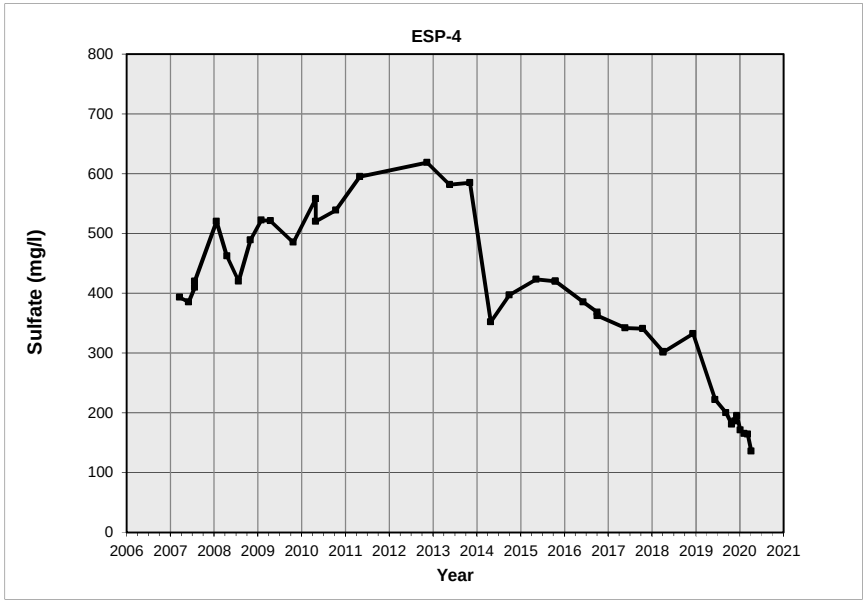


FIGURE C.6
SULFATE CONCENTRATION OVER TIME FOR WELLS
ESP-1, ESP-2, ESP-3, AND ESP-4



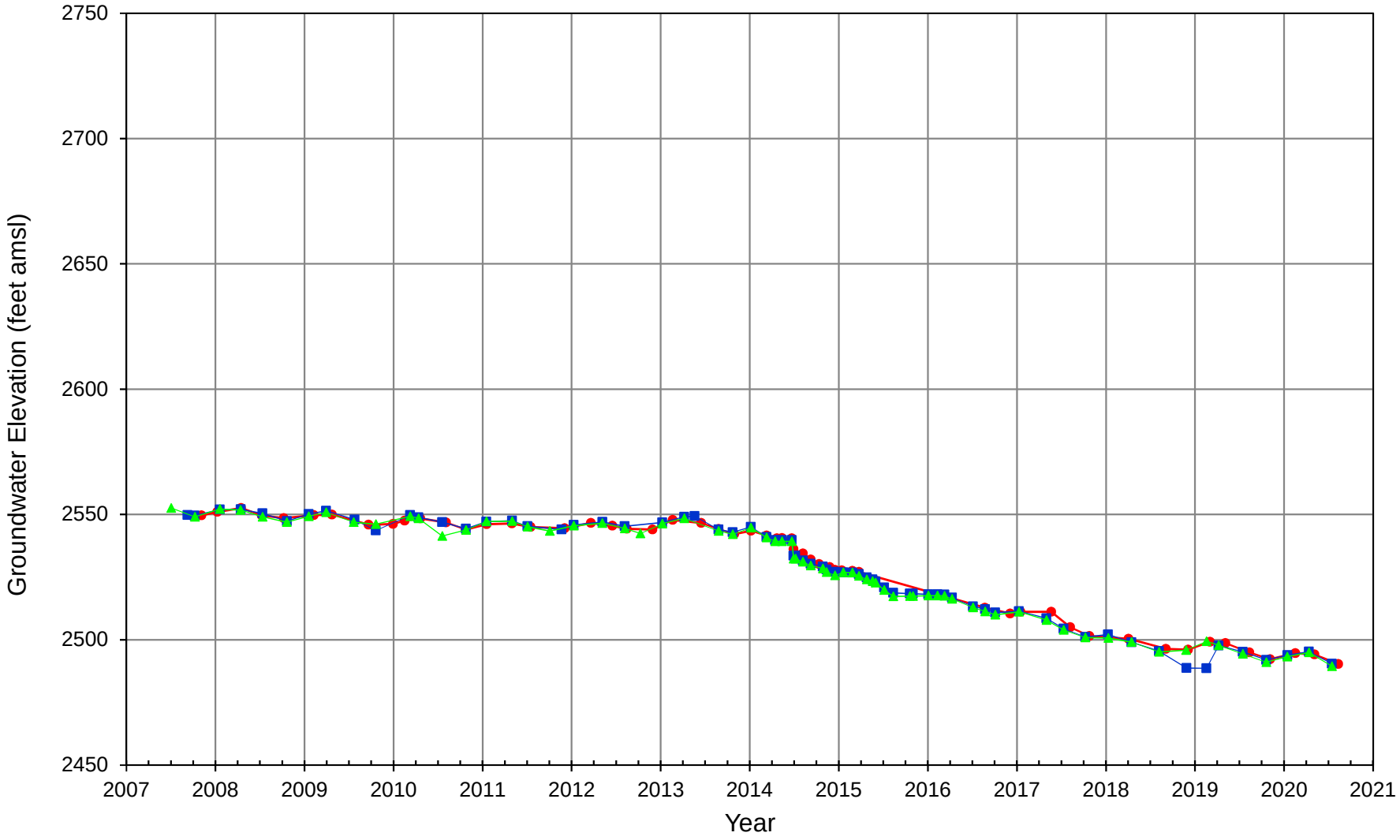






APPENDIX D

TIME SERIES GRAPHS OF GROUNDWATER ELEVATION IN SENTINEL WELLS

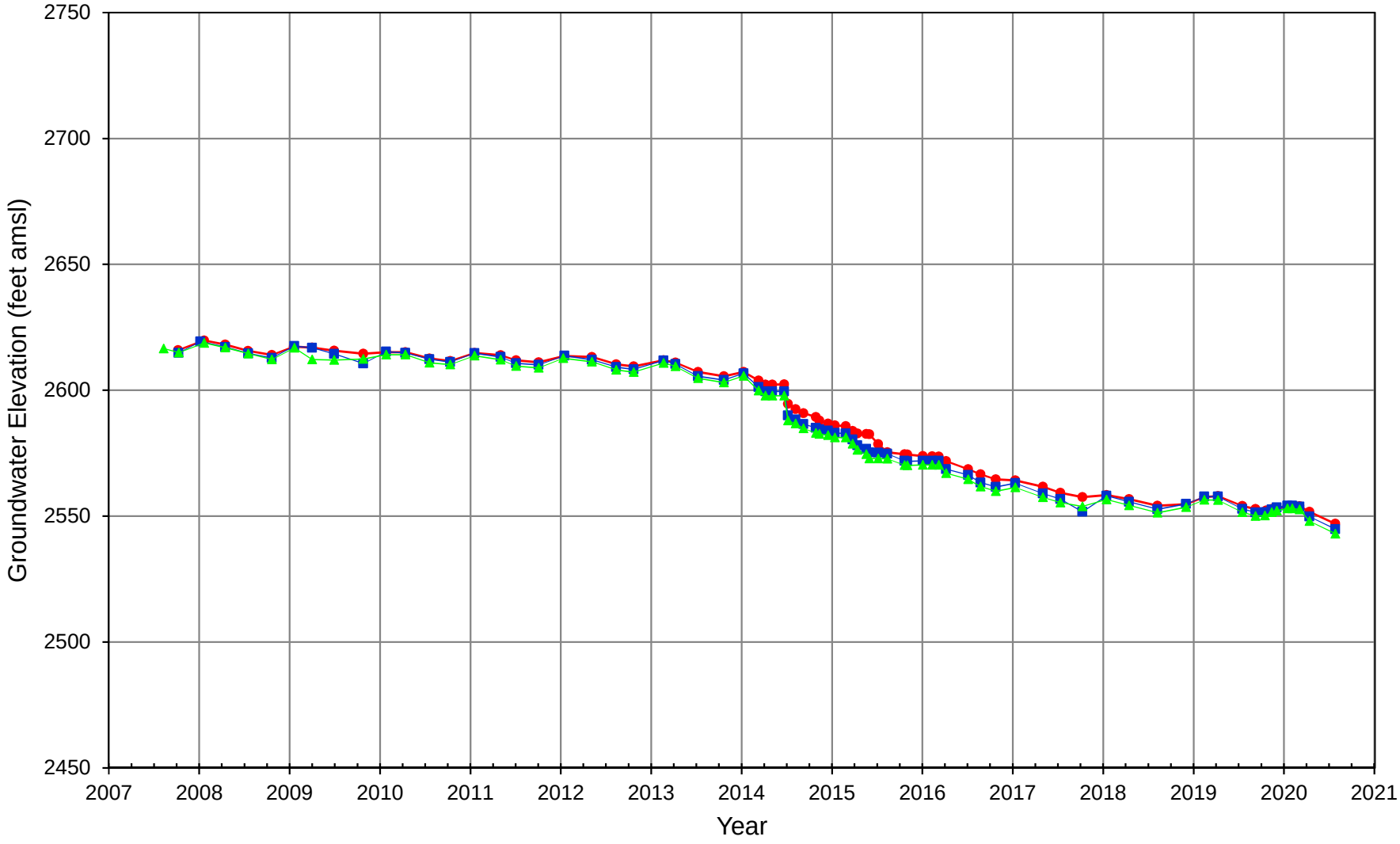


Note: ft amsl = feet above mean sea level

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FIGURE D.1
Groundwater Elevations Over Time for Sentinel Wells NP-2, MO-2007-3B, and MO-2007-3C

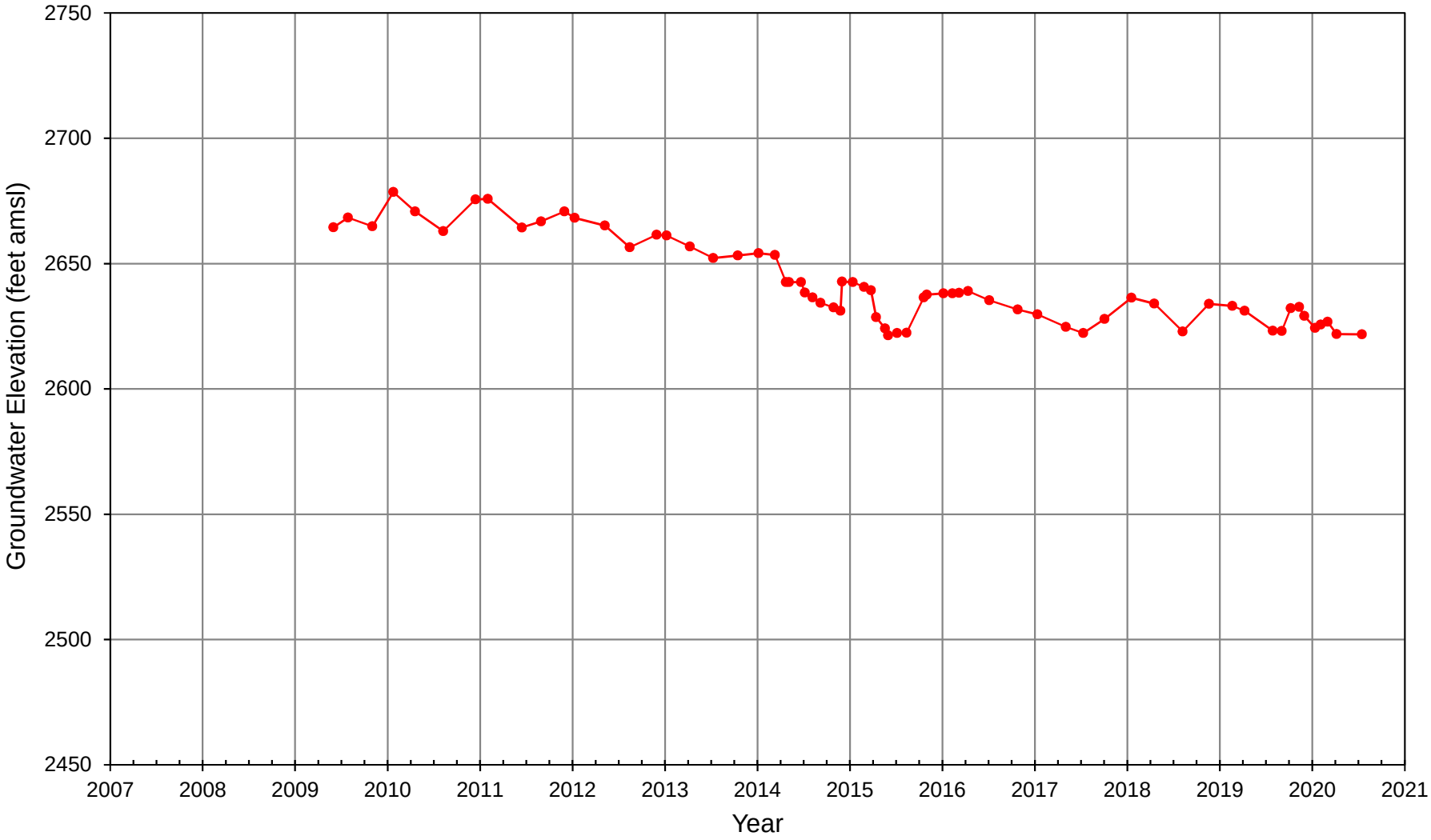


Note: ft amsl = feet above mean sea level

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FIGURE D.2
Groundwater Elevations Over Time for Sentinel Wells MO-2007-4A, MO-2007-4B, and MO-2007-4C

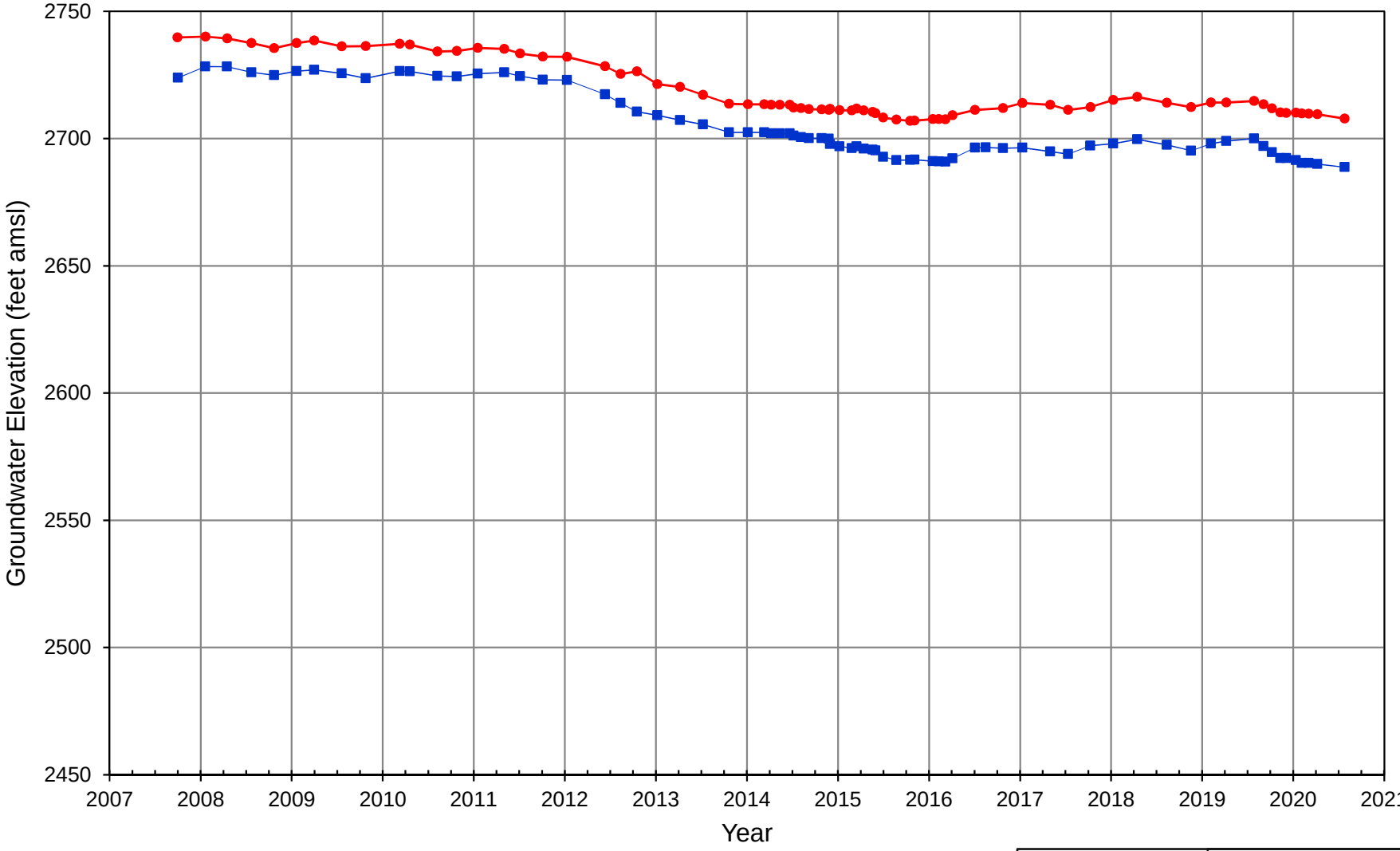


Note: ft amsl = feet above mean sea level

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FIGURE D.3
Groundwater Elevations Over Time for Sentinel Well MO-2009-1



Note: ft amsl = feet above mean sea level

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FIGURE D.4
Groundwater Elevations Over Time for Sentinel Wells MO-2007-6A and MO-2007-6B