REVIEWED
By Nelson Velez at 12:34 pm, Dec 02, 2022

Review of 2021 Annual Groundwater Report:
Content satisfactory

1. Follow 2022 Activities section in report.
2. Submit next annual report no later than March 21, 2023.

Armando Martinez
Operations Lead, Portfolio Operations Central

February 22, 2022

Bradford Billings
New Mexico Oil Conservation Division
5200 Oakland Avenue, N.E. Suite 100
Albuquerque, New Mexico 87113

Re: Buckeye Compressor Station Site
2021 Annual Groundwater Monitoring Report
Abatement Plan AP-104
Lea County, New Mexico

Dear Mr. Billings,

Please find enclosed the following report:

Buckeye Compressor Station Site – 2021 Annual Groundwater Monitoring Report, Section 36 – Township 17 South – Range 34 East, Lea County New Mexico.

The Report was prepared by Arcadis U.S., Inc. (Arcadis), on behalf of Chevron Environmental Management Company (CEMC) to document on-going groundwater monitoring and remediation activities throughout 2021 at the Site.

Should you have any questions or require additional information please contact Scott Foord with Arcadis at (713) 953-4853 or myself at (505) 690 5408 or you can reach me via email at amarti@chevron.com. Please note that I am the new Project Manager for this site.

Respectfully,

Armando Martinez
Operations Lead

Encl. Buckeye Compressor Station Site – 2021 Annual Groundwater Monitoring Report

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ARCADIS

Chevron Environmental Management Company

2021 Annual Groundwater Monitoring Report

Buckeye Compressor Station
Abatement Plan AP-104
Lea County, New Mexico

February 2022

2021 Annual Groundwater Monitoring Report

Buckeye Compressor Station
Abatement Plan AP-104
Lea County, New Mexico

February 2022

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1 Introduction

Arcadis U.S., Inc. (Arcadis) has prepared this report, on behalf of Chevron Environmental Management Company (CEMC), summarizing groundwater monitoring activities conducted at the Buckeye Compressor Station (Site) during 2021. Data presented in this report was collected during semi-annual groundwater monitoring events conducted in June 2021 and November 2021. The Site is under Abatement Plan (AP) 104 of the New Mexico Oil Conservation Division (NMOCD).

The Buckeye Compressor Station is located immediately north of Texas Camp Road, approximately one mile southwest of Buckeye, Lea County, New Mexico. The Site location is in Section 36, Township 17 South, Range 34 East at geographic coordinates: 32.784532, -103.508311.

A Site Location Map is presented as **Figure 1**. A Site Detail Map is presented as **Figure 2**. Additional Site history and background information is included in **Appendix A**.

A Proposed Groundwater Monitoring and light non-aqueous phase liquid (LNAPL) Operation and Maintenance (O&M) Reduction Workplan was submitted to NMOCD in July 2020 which included:

- One semi-annual monitoring event (full site) that included sampling and gauging all site wells (twenty-six monitoring wells) and two monitoring wells TW-11 and TW-13, associated with the adjacent Vacuum Grayburg San Andres Unit No. 58 (VGSAU #58) to the south.
- A second semi-annual sampling event that includes sampling thirteen monitoring wells (MW-1, MW-2, MW-4, MW-6, MW-12 through MW-14, MW-17, MW-18, MW-21, MW-22, TW-11 and TW-13).
- Site monitoring wells with chemicals of concern (COC) concentrations reported below New Mexico Water Quality Control Commission (NMWQCC) exceedance standards for two consecutive years or longer will not be gauged or sampled during the second semi-annual monitoring event. Total Petroleum Hydrocarbon (TPH) analysis was also deferred for all wells sampled during the reduced semi-annual sampling event. Quarterly gauging only (no hand-bailing) was initiated in July 2020 and continued for one year through August 2021. Additionally, the frequency of LNAPL gauging and hand-bailing activities was reduced from bi-weekly to quarterly gauging only (no hand-bailing) for one year (through August 2021) to allow the current LNAPL conditions at the Site to equilibrate so that a more practical/efficient LNAPL recovery method could be evaluated. Quarterly gauging only (no hand-bailing) was initiated in July 2020 and continued for one year through August 2021.

The Workplan submitted to NMOCD in July 2020 is presented in **Appendix B**. Activities at the Site have been conducted in accordance with the Workplan since its submittal.

The reduced LNAPL O&M scope outlined within the Reduction Workplan was continued through August 2021. Monthly LNAPL abatement activities (gauging and hand bailing) were reinitiated in September 2021.

2 Groundwater Monitoring Results

Arcadis performed semi-annual groundwater sampling events on June 8-9, 2021, and November 10-11, 2021. Field monitoring methodologies utilized during groundwater monitoring and sampling are detailed in **Appendix C**.

Wells TW-11 and TW-13, associated with the adjacent VGSAU #58 site located south of Texas Camp Road (**Figure 2**), are included in the groundwater monitoring program to monitor dissolved- phase impacts to the southeast of the Site.

2.1 Groundwater Gauging Data

Groundwater and LNAPL measurements collected during the semi-annual monitoring events conducted in 2021 indicated:

- Groundwater elevations ranged from:
  - 3854.41 feet above mean sea level (ft. MSL) (MW-22) to 3859.31 ft. MSL (MW-25) during the June 2021 event, and
  - 3854.15 feet above mean sea level (ft. MSL) (MW-22) to 3860.11 ft. MSL (TW-11) during the November 2021 gauging event.
- The groundwater elevations during the 2021 period are consistent with historical levels, with groundwater flow generally to the east.
- The calculated gradient was 0.004 ft/ft for both the June and November 2021 gauging events.

Potentiometric elevation data for the sampling event is presented in **Table 1**. The groundwater potentiometric surface map for June and November 2021 are presented in **Figure 3**. A cumulative summary of groundwater potentiometric elevation data is presented in **Appendix D**.

2.2 LNAPL Occurrence and Recovery

LNAPL was present in five monitoring wells (MW-3, MW-8, MW-9, MW-19, and EW-1) during the 2021 monitoring events. LNAPL thickness was gauged only (no hand bailing) on a quarterly basis through August 2021. Monthly LNAPL abatement activities (gauging and hand bailing) were reinitiated in September 2021. LNAPL thicknesses gauged in 2021 are included in **Table 1** and are also included with historical data in **Appendix D**. The distribution and extent of LNAPL during the June and November 2021 monitoring events is presented in **Figure 4**.

The ranges of LNAPL thicknesses gauged during the semi-annual events are summarized below:

- 2.00 feet in MW-3,
- 2.07 feet in MW-8,
- 2.68 feet in MW-9,
- 3.58 feet in MW-19, and
- 3.36 feet in EW-1

2.2.1 LNAPL Bailing

Approximately 67.75 gallons of LNAPL were collectively recovered from bailing events conducted during 2021. LNAPL and groundwater bailed during each recovery event are stored on-site in a 520-gallon double walled stainless steel tank. Secondary containment features consist of a 1,000-gallon fiberglass tank and an earthen berm. Volumes of LNAPL and groundwater recovered during 2021 are included in **Table 1**. Historical gauging data and volumes of recovered fluids are provided in **Appendix D**. Since 2011, approximately 1,324 gallons of LNAPL have been cumulatively bailed from the wells. An additional 330 gallons of LNAPL were recovered during two MDPE events performed in 2015. Charts showing historical trends of LNAPL thickness in wells within the main LNAPL plume are provided in **Appendix F**.

2.3 Groundwater Analytical Results

Groundwater was sampled from all accessible wells at the Site during 2021 except those containing LNAPL. Wells TW-11 and TW-13 of the adjacent former VGSAU #58 site were also sampled. MW-23 was not sampled due to being unable to locate during the 2021 events. As previously reported, MW-11 was destroyed during pipeline replacement activities in late 2012.

Groundwater analytical results for benzene, toluene, ethylbenzene, and xylenes (BTEX), and TPH as gasoline range organic (GRO) and as diesel range organics (DRO) were compared to the NMWQCC Groundwater Standards.

Results of the monitoring events in reference to NMWQCC standards are summarized below. NMWQCC standards do not include TPH. The analytical results are further summarized below.

2.3.1 Benzene

- Benzene exceeded the NMWQCC standard of 0.005 milligrams per liter (mg/L) in 4 of the 23 wells sampled (MW-1, MW-2, MW-4, and MW-17) at concentrations ranging from 0.00990 mg/L (MW-2) to 11.4 mg/L (MW-4) during the June 2021 sampling event; and
- Benzene exceeded the NMWQCC standard of 0.005 mg/L in 5 of the 23 wells sampled (MW-1, MW-2, MW-4, MW-6, and MW-17) at concentrations ranging from 0.0758 mg/L (MW-2) to 15.8 mg/L (MW-4) during the November 2021 sampling event.

2.3.2 TPH

- TPH was detected in 22 of the 23 wells sampled in the June 2021 event at concentrations ranging from 0.0558 J mg/L (MW-26) to 32.5 mg/L (MW-4).
- TPH analysis was not conducted during the second semi-annual sampling event conducted in November 2021 per the Reduced Sampling Workplan.

A summary of the groundwater sample analytical results is presented in **Table 2**. The distribution of constituents, LNAPL occurrence, and approximate extent of the hydrocarbon plume for the events is displayed on **Figure 4**. The extent of the dissolved phase hydrocarbon plume is fully delineated. A summary of historical groundwater analytical results is provided in **Appendix E**. Charts showing trends of historical concentrations of benzene through time are provided in **Appendix G**. Copies of the certified analytical reports and chain-of-custody documentation from Pace Analytical are provided in **Appendix H**.

3 Summary

Findings of groundwater monitoring events conducted at the Site in 2021 are summarized below:

- All accessible site wells were gauged and sampled during the 2021 groundwater monitoring event, including the 2 wells associated with the former VGSAU #58 site to the South.
- Potentiometric surface conditions were consistent with historical results, with groundwater flow generally to the east.
- LNAPL was present in five wells during the 2021 events.
- The LNAPL plumes are delineated and appear to be stable with no evidence of migration.

- Approximately 67.5 gallons of LNAPL were recovered during 2021.
- Benzene exceeded the 0.005 mg/L standard in four wells (MW-1, MW-2, MW-4, and MW-17) during the June 2021 sampling event, and five wells (MW-1, MW-2, MW-4, MW-6, and MW-17) during the November 2021 sampling event.

4 2022 Activities

The following future actions are proposed for the Site:

- Continue monthly LNAPL abatement activities (gauging and hand bailing). Arcadis will assess findings from the LNAPL gauging data to evaluate LNAPL recovery system alternatives.
- Continue to perform semi-annual groundwater monitoring with annual reporting for all Site wells.
- Semi-annual groundwater sampling events are scheduled to be performed during the second and fourth quarters of 2022 in accordance with the previously submitted Reduction Workplan.

Tables

TABLE 1
2021 POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

Well	Well Diameter (inches)	Screen Interval (bgs^3) *ft toc*	TOC Elevation *ft msl*	Date	Total Depth (ft below TOC) *ft toc*	Depth to Water (ft below TOC) *ft toc*	Depth to LNAPL *ft toc*	LNAPL Thickness *ft*	Product Removed *gallons*	Corrected Groundwater Elevation (ft above MSL^2) *ft msl*
MW-1	7 7/8	122.47 - 142.09	3990.85	06/09/21	147.19	134.88	--	--	--	3855.97
				11/10/21	152.21	134.77	--	--	--	3856.08
MW-2	7 7/8	123.27 - 142.89	3991.08	06/09/21	142.71	135.30	--	--	--	3855.78
				11/10/21	142.65	135.19	--	--	--	3855.89
MW-3	7 7/8	123.72 - 143.34	3991.75	06/09/21	137.35	ND	135.35	2.00	--	--
				07/20/21	137.20	ND	135.17	2.30	--	--
				09/14/21	137.21	ND	135.15	2.06	1.00	--
				10/21/21	137.35	ND	135.57	1.78	0.75	--
				11/10/21	--	137.24	135.35	1.89	1.00	3854.51
				12/22/21	--	137.27	135.50	1.77	1.00	3854.48
MW-4	7 7/8	122.47 - 142.09	3991.57	06/09/21	143.47	136.46	--	--	--	3855.11
				11/10/21	143.55	136.43	--	--	--	3855.14
MW-5	7 7/8	125.97 - 142.59	3992.12	06/09/21	144.97	136.46	--	--	--	3855.66
				11/10/21	145.02	136.59		--	--	3855.53
MW-6	7 7/8	122.37 - 141.99	3991.94	06/09/21	143.44	136.11	--	--	--	3855.83
				11/10/21	136.06	134.06	--	--	--	3857.88
MW-7	7 7/8	122.17 - 141.79	3992.89	06/09/21	141.87	136.70	--	--	--	3856.19
				11/10/21	141.83	136.75	--	--	--	3856.14
MW-8	7 7/8	123.57 - 143.19	3991.27	06/09/21	--	136.92	134.85	2.07	--	3855.91
				07/20/21	--	136.15	134.74	1.41	--	3856.18
				09/14/21	--	136.34	134.69	1.65	1.00	3856.17
				10/21/21	--	135.38	134.82	0.56	1.50	3856.31
				11/10/21	--	136.84	134.85	1.99	1.00	3855.93
				12/22/21	--	136.88	135.12	1.76	1.00	3855.71
MW-9	2	123 - 145	3990.40	06/09/21	--	136.91	134.23	2.68	--	3855.51
				07/20/21	--	136.25	134.08	2.17	--	3855.78
				09/14/21	--	136.28	134.04	2.24	4.00	3855.80
				10/21/21	--	136.35	134.20	2.15	11.5	3855.67
				11/10/21	--	136.55	134.23	2.32	8.00	3855.59
				12/22/21	--	137.00	134.41	2.59	7.00	3855.35
MW-10	2	123 - 145	3992.85	06/09/21	148.89	133.50	--	--	--	3859.35
				11/10/21	140.32	133.61	--	--	--	3859.24
MW-12	2	123 - 145	3989.62	06/09/21	144.58	133.21	--	--	--	3856.41
				11/10/21	144.54	133.23	--	--	--	3856.39
MW-13	2	123 - 145	3990.60	06/09/21	144.80	134.93	--	--	--	3855.67
				11/10/21	144.67	134.93	--	--	--	3855.67
MW-14	2	123 - 145	3991.27	06/09/21	147.28	135.65	--	--	--	3855.62
				11/10/21	147.48	135.09	--	--	--	3856.18
MW-15	2	124 - 146	3992.42	06/09/21	147.97	136.39	--	--	--	3856.03
				11/10/21	147.93	136.73	--	--	--	3855.69
MW-16	2	122 - 145	3989.17	06/09/21	143.98	134.56	--	--	--	3854.61
				11/10/21	143.98	134.83	--	--	--	3854.34
MW-17	2	122 - 145	3989.92	06/09/21	145.92	135.20	--	--	--	3854.72
				11/10/21	146.01	135.32	--	--	--	3854.60
MW-18	2	124.49 - 144.49	3989.96	06/09/21	145.20	135.05	--	--	--	3854.91
				11/10/21	145.39	135.02	--	--	--	3854.94
MW-19	2	124.49 - 144.49	3991.32	06/09/21	--	137.95	134.37	3.58	--	3856.06
				07/20/21	--	137.34	134.29	3.05	--	3856.27
				09/14/21	--	137.49	134.26	3.23	0.50	3856.26
				10/21/21	--	137.50	134.28	3.22	2.00	3856.24
				11/10/21	--	137.89	134.42	3.47	2.50	3856.04
				12/22/21	--	137.57	134.79	2.78	2.00	3855.84

TABLE 1
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BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

Well	Well Diameter (inches)	Screen Interval (bgs^3) *ft toc*	TOC Elevation *ft msl*	Date	Total Depth (ft below TOC) *ft toc*	Depth to Water (ft below TOC) *ft toc*	Depth to LNAPL *ft toc*	LNAPL Thickness *ft*	Product Removed *gallons*	Corrected Groundwater Elevation (ft above MSL^2) *ft msl*
MW-20	2	124.49 - 144.49	3992.62	06/09/21	146.58	136.21	--	--	--	3856.41
				11/10/21	146.12	136.37	--	--	--	3856.25
MW-21	2	124.49 - 144.49	3993.71	06/09/21	147.43	137.56	--	--	--	3856.15
				11/10/21	147.44	137.50	--	--	--	3856.21
MW-22	2	115 - 145	3989.01	06/09/21	148.71	134.60	--	--	--	3854.41
				11/10/21	148.69	134.86	--	--	--	3854.15
MW-23	2	115 - 145	3989.77	06/09/21	Unable to locate					
				11/10/21	Unable to locate					
MW-24	2	115 - 145	3997.05	06/09/21	148.59	139.00	--	--	--	3858.05
				11/10/21	142.42	139.18	--	--	--	3857.87
MW-25	2	120 - 150	3991.88	06/09/21	149.96	132.57	--	--	--	3859.31
				11/10/21	150.08	132.67	--	--	--	3859.21
MW-26	2	120 - 150	3991.13	06/09/21	151.71	134.82	--	--	--	3856.31
				11/10/21	151.69	134.76	--	--	--	3856.37
EW-1	4	120 - 145	3987.79	06/09/21	--	134.28	130.92	3.36	--	3856.04
				07/20/21	--	133.68	130.82	2.86	--	3856.26
				09/14/21	--	133.85	130.81	3.04	6.50	3856.23
				10/21/21	--	133.96	130.82	3.14	4.50	3856.19
				11/10/21	--	134.21	130.98	3.23	6.00	3856.01
				12/22/21	--	134.58	131.12	3.46	5.00	3855.81
TW-11		195	3989.11	06/09/21	188.20	130.71	--	--	--	3858.40
				11/10/21	188.13	129.80	--	--	--	3859.31
TW-13		183	3988.73	06/09/21	176.43	133.46	--	--	--	3855.27
				11/10/21	176.40	133.44	--	--	--	3855.29

NOTES:
ft msl ' indicates feet above mean sea level.
ft toc' indicates feet below top of casing.
'LNAPL' indicates light non-aqueous-phase liquid.
'--' indicates not applicable (e.g., no data or '0').
Water elevations were corrected using an estimated LNAPL specific gravity of 0.752.
'ND' indicates Not Detected

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

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Sample I.D. No.	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NMWQCC Standards, mg/L		0.005	1	0.7	0.62	--	--	--	250	1,000
MW-1	6/9/2021	***0.0749***	<0.000412	<0.000160	<0.000510	0.242 B	1.02	1.262 B	--	--
DUP	6/9/2021	***0.0763***	<0.000412	<0.000160	<0.000510	0.236 B	0.995	1.231 B	--	--
	11/10/2021	***0.204***	<0.000412	<0.000160	<0.000510	--	--	--	--	--
MW-2	6/9/2021	**0.00990**	<0.000412	<0.000160	<0.000510	0.0727 B J	0.216	0.289	--	--
	11/10/2021	**0.0758**	<0.000412	0.000175 J	<0.000510	--	--	--	--	--
MW-3	6/8/2021	---------- LNAPL ----------								
	11/10/2021	---------- LNAPL ----------								
MW-4	6/9/2021	***11.4***	0.000655 J	0.00543	0.00555	31.9	0.618	32.5	--	--
	11/10/2021	***15.8***	<0.0412	<0.0160	<0.0510	--	--	--	--	--
MW-5	6/8/2021	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.223	0.223	--	--
	11/10/2021	NS								
MW-6	6/9/2021	0.000947	<0.000412	<0.000160	<0.000510	0.0374 B J	0.342	0.379	--	--
	11/10/2021	***0.386***	<0.000412	0.000311 J	0.00191 B	--	--	--	--	--
MW-7	6/9/2021	<0.000190	<0.000412	<0.000160	<0.000510	0.0388 B J	0.0629 J	0.102	--	--
	11/10/2021	NS								
MW-8	6/8/2021	---------- LNAPL ----------								
	11/10/2021	---------- LNAPL ----------								
MW-9	6/8/2021	---------- LNAPL ----------								
	11/10/2021	---------- LNAPL ----------								
MW-10	6/9/2021	0.000213 J	<0.000412	<0.000160	<0.000510	<0.0314	0.445	0.445	--	--
	11/10/2021	NS								
MW-12	6/8/2021	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.0735 J	0.0735 J	--	--
	11/10/2021	<0.000190	0.000502 B J	<0.000160	<0.000510	--	--	--	--	--
MW-13	6/9/2021	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.355	0.355	--	--
	11/10/2021	0.00197	<0.000412	<0.000160	<0.000510	--	--	--	--	--
MW-14	6/9/2021	<0.000190	<0.000412	<0.000160	0.000646 J	0.410	0.675	1.085	--	--
	11/10/2021	0.00141	<0.000412	<0.000160	<0.000510	--	--	--	--	--
MW-15	6/8/2021	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.154	0.154	--	--
	11/10/2021	NS								
MW-16	6/8/2021	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.0921 J	0.0921 J	--	--
	11/10/2021	NS								
MW-17	6/8/2021	***1.00***	<0.000412	0.000363 J	<0.000510	1.71	0.147	1.857	--	--
	11/10/2021	***4.94***	<0.000412	0.00125	<0.000510	--	--	--	--	--
DUP 1	11/10/2021	***5.12***	0.000961 B J	0.00141	0.00125 B J	--	--	--	--	--
MW-18	6/9/2021	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.254	0.254	--	--
	11/10/2021	0.000307 J	<0.000412	<0.000160	<0.000510	--	--	--	--	--
MW-19	6/8/2021	---------- LNAPL ----------								
	11/10/2021	---------- LNAPL ----------								
MW-20	6/8/2021	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.124	0.124	--	--
	11/10/2021	NS								
MW-21	6/8/2021	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.107	0.107	--	--
	11/10/2021	0.000222 J	<0.000412	<0.000160	<0.000510	--	--	--	--	--
MW-22	6/8/2021	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.0958 J	0.0958 J	38.6	324
	11/10/2021	<0.000190	0.000833 B J	<0.000160	<0.000510	--	--	--	34.3	--
MW-23	6/9/2021	NS - Unable to Locate								
	11/10/2021	NS - Unable to Locate								
MW-24	6/8/2021	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.117	0.117	--	--
	11/10/2021	NS								
MW-25	6/9/2021	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.0851 J	0.0851 J	--	--
	11/10/2021	NS								
MW-26	6/9/2021	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.0558 J	0.0558 J	--	--
	11/10/2021	NS								
EW-1	6/8/2021	---------- LNAPL ----------								
	11/10/2021	---------- LNAPL ----------								

TABLE 2
2021 GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

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Sample I.D. No.	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NMWQCC Standards, mg/L		0.005	1	0.7	0.62	--	--	--	250	1,000
TW-11	6/8/2021	0.000231 J	<0.000412	<0.000160	<0.000510	<0.0314	0.0653 J	0.0623 J	--	--
	11/10/2021	<0.000190	0.000650 B J	<0.000160	<0.000510	--	--	--	--	--
TW-13	6/9/2021	<0.000190	<0.000412	<0.000160	<0.000510	0.0367 B J	0.181	0.218	--	--
	11/10/2021	0.000368 J	0.000502 B J	<0.000160	<0.000510	--	--	--	--	--

NOTES:
NMWQCC - New Mexico Water Quality Control Commission
'mg/L' indicates milligrams per liter
Bold and Italicise cells indicate that concentration exceeds NMWQCC standard.
'LNAPL' indicates Light Non-Aqueous Phase Liquids.
'J' indicates an estimated concentration detected below the quantitation limit.
'B' indicates the same analyte is found in the associated blank.
'NS' indicates Not sampled
'--' indicates Not Analyzed or Not Applicable
Data from TAL Laboratories Reports: 600-203586-1 and 600-203723-1
< Indicates that the results are less than the sample detection limit
TPH GRO indicates Total Petroleum Hydrocarbons Gasoline Range Organics
TPH DRO indicates Total Petroleum Hydrocarbons Diesel Range Organics

Figures

PROJECT LOCATION

REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., BUCKEYE AND LOVINGTON SW, NEW MEXICO, 2020, NAD83.

N

0 2000' 4000'

Approximate Scale: 1 in. = 2000 ft.

AREA LOCATION

NEW MEXICO

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

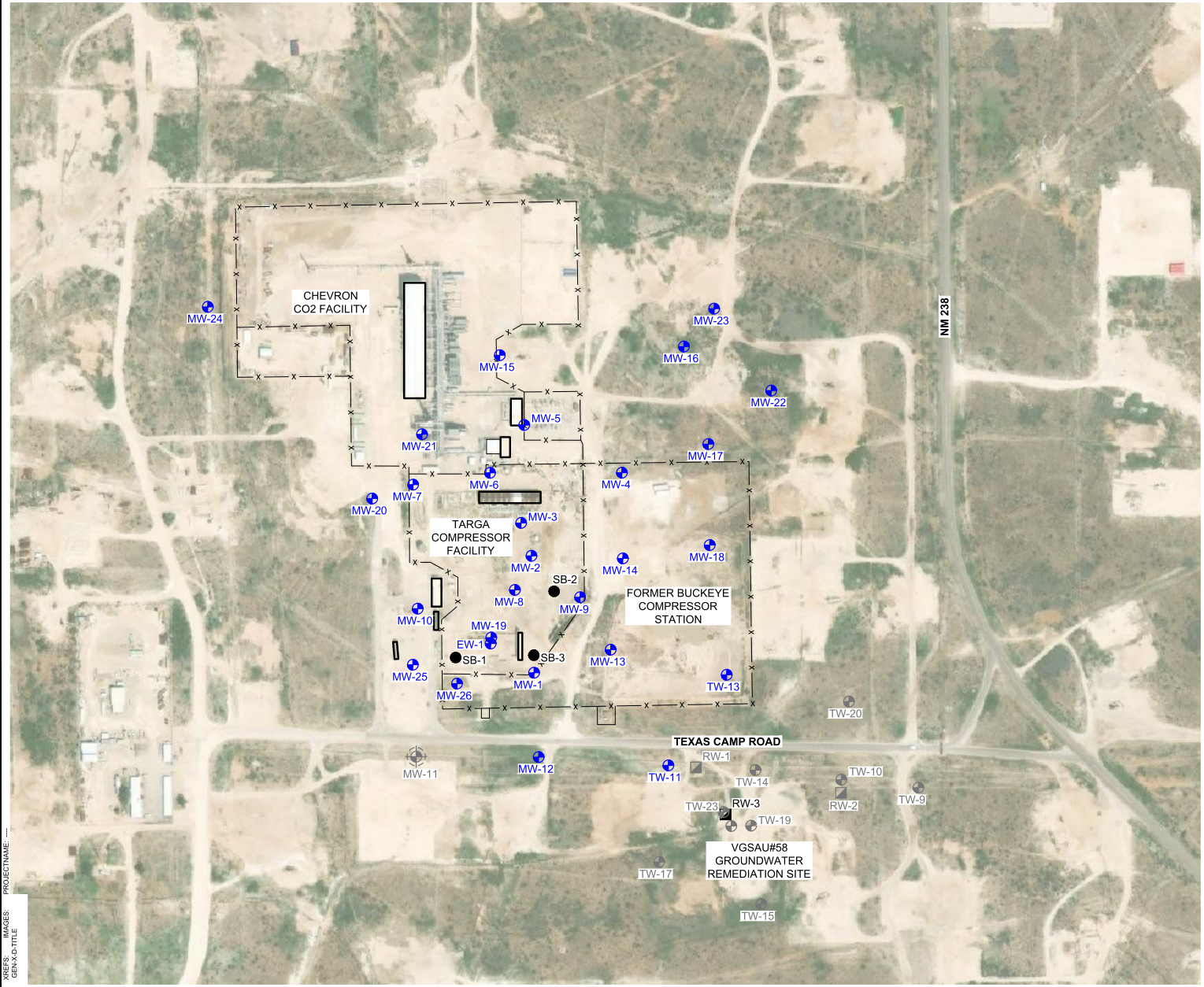
SITE LOCATION MAP

ARCADIS

FIGURE 1

C:\Users\salotagn\7992\ACCDocs\Arcadis\AUS-CHEVRON-BUCKEYE COMPRESSOR STATION-LEA COUNTY New Mexico\Project Files\2021\01-In Progress\01-DWG\GEN-F01-SITE LOCATION.dwg LAYOUT: 1 SAVED: 5/20/2021 7:59 PM ACADVER: 24.0S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 5/21/2021 11:13 AM BY: SALOTAGI, NANDITHA

XREFS: IMAGES: PROJECTNAME: ----



N

LEGEND:

— x — x —	FENCE LINE
MW-1	MONITORING WELL LOCATION
RW-1	RECOVERY WELL LOCATION
SB-1	SOIL BORING (2015 ASSESSMENT)
	ABANDONED (PLUGGED) WELL LOCATION (2020)
MW-11	DESTROYED WELL LOCATION

0 300' 600'

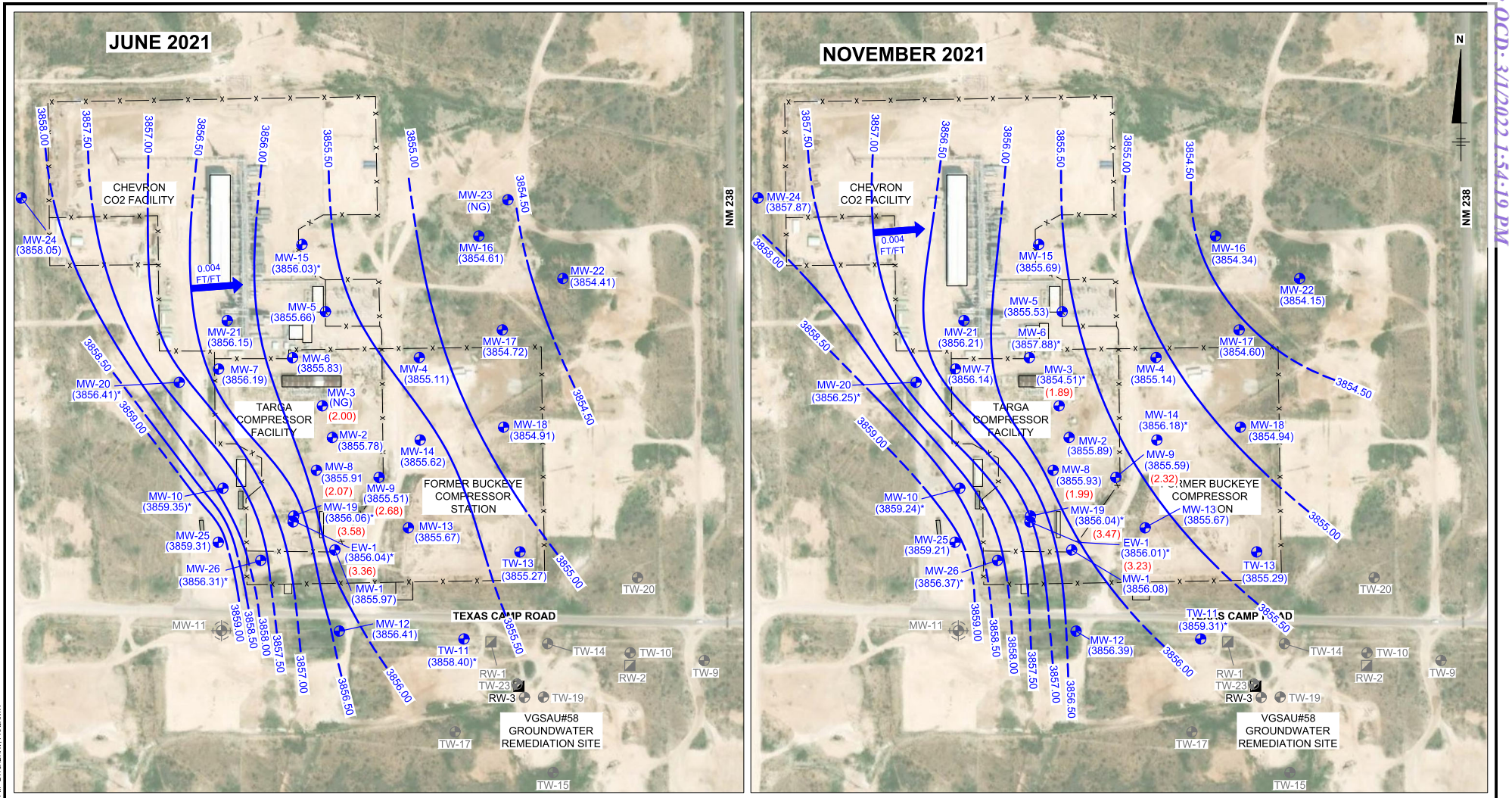
Approximate Scale: 1 in. = 300 ft.

CHEVRON ENVIRONMENT MANAGEMENT COMPANY
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

SITE MAP

ARCADIS

FIGURE 2



LEGEND:

- FENCE LINE
- MW-1 — MONITORING WELL LOCATION
- RW-1 — RECOVERY WELL LOCATION
- ABANDONED (PLUGGED) WELL LOCATION (2020)
- MW-11 — DESTROYED WELL LOCATION
- (3860.11) — GROUNDWATER ELEVATION IN FEET (FT)
- 3860.00 — GROUNDWATER ELEVATION CONTOUR (INTERVAL = 1 FT)
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW
- 0.004 FT/FT — APPROXIMATE HYDRAULIC GRADIENT (FEET/FOOT)
- (NG) — NOT GAUGED
- (3.36) — LNAPL THICKNES IN FEET (FT)
- * — WELLS NOT USED FOR CONTOURING

NOTE:

1. GROUNDWATER ELEVATIONS ARE FROM MEASUREMENTS OBTAINED ON JUNE 9 AND NOVEMBER 10, 2021.

0 300' 600'

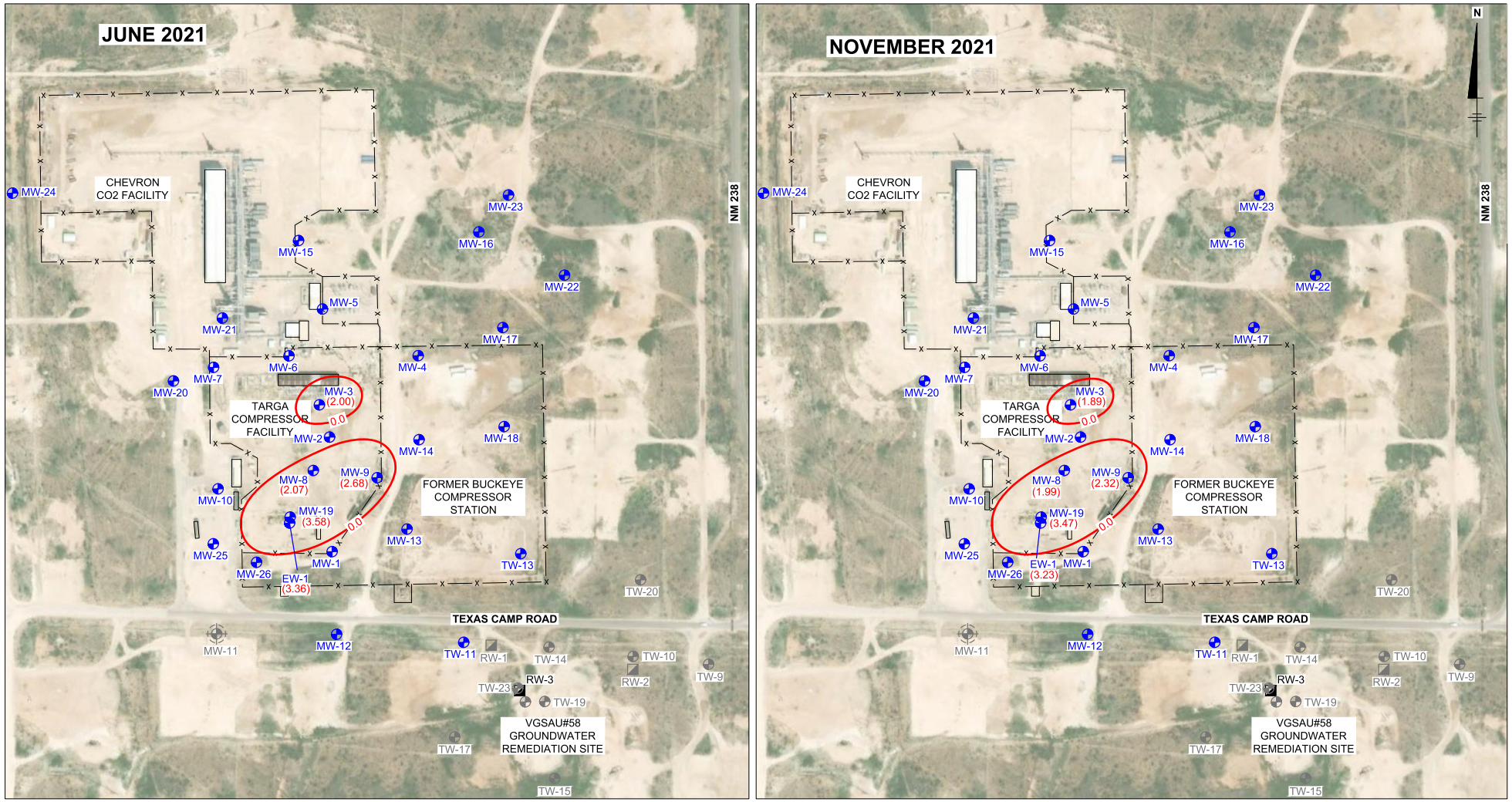
Approximate Scale: 1 in. = 300 ft.

CHEVRON ENVIRONMENT MANAGEMENT COMPANY
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

POTENTIOMETRIC SURFACE MAP JUNE AND NOVEMBER 2021

ARCADIS

FIGURE 3



LEGEND:

— x — x —	FENCE LINE
MW-1	MONITORING WELL LOCATION
RW-1	RECOVERY WELL LOCATION
	ABANDONED (PLUGGED) WELL LOCATION (2020)
MW-11	DESTROYED WELL LOCATION
LNAPL	LIGHT NON-AQUEOUS PHASE LIQUID
	LNAPL CONTOUR
(3.36)	LNAPL THICKNESS IN FEET

NOTE:

1. LNAPL MEASUREMENTS OBTAINED ON JUNE 9 AND NOVEMBER 10, 2021.

0 300' 600'

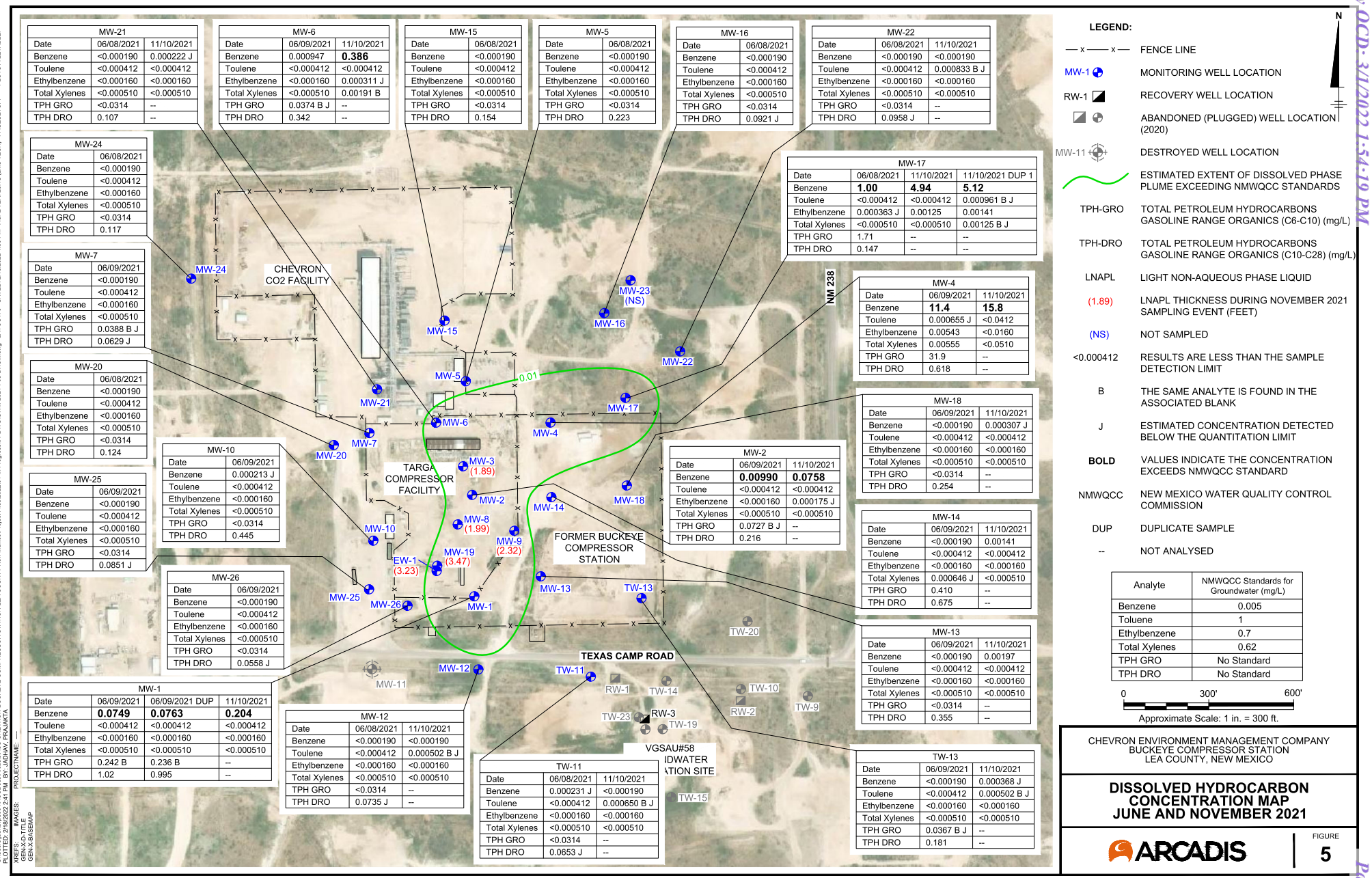
Approximate Scale: 1 in. = 300 ft.

CHEVRON ENVIRONMENT MANAGEMENT COMPANY
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

LNAPL DISTRIBUTION MAP JUNE AND NOVEMBER 2021

ARCADIS

FIGURE 4



MW-21		
Date	06/08/2021	11/10/2021
Benzene	<0.000190	0.000222 J
Toulene	<0.000412	<0.000412
Ethylbenzene	<0.000160	<0.000160
Total Xylenes	<0.000510	<0.000510
TPH GRO	<0.0314	--
TPH DRO	0.107	--

MW-6		
Date	06/09/2021	11/10/2021
Benzene	0.000947	**0.386**
Toulene	<0.000412	<0.000412
Ethylbenzene	<0.000160	0.000311 J
Total Xylenes	<0.000510	0.00191 B
TPH GRO	0.0374 B J	--
TPH DRO	0.342	--

MW-15		
Date	06/08/2021	
Benzene	<0.000190	
Toulene	<0.000412	
Ethylbenzene	<0.000160	
Total Xylenes	<0.000510	
TPH GRO	<0.0314	
TPH DRO	0.154	

MW-5	
Date	06/08/2021
Benzene	<0.000190
Toulene	<0.000412
Ethylbenzene	<0.000160
Total Xylenes	<0.000510
TPH GRO	<0.0314
TPH DRO	0.223

MW-16	
Date	06/08/2021
Benzene	<0.000190
Toulene	<0.000412
Ethylbenzene	<0.000160
Total Xylenes	<0.000510
TPH GRO	<0.0314
TPH DRO	0.0921 J

MW-22		
Date	06/08/2021	11/10/2021
Benzene	<0.000190	<0.000190
Toulene	<0.000412	0.000833 B J
Ethylbenzene	<0.000160	<0.000160
Total Xylenes	<0.000510	<0.000510
TPH GRO	<0.0314	--
TPH DRO	0.0958 J	--

MW-24	
Date	06/08/2021
Benzene	<0.000190
Toulene	<0.000412
Ethylbenzene	<0.000160
Total Xylenes	<0.000510
TPH GRO	<0.0314
TPH DRO	0.117

MW-17			
Date	06/08/2021	11/10/2021	11/10/2021 DUP 1
Benzene	**1.00**	**4.94**	**5.12**
Toulene	<0.000412	<0.000412	0.000961 B J
Ethylbenzene	0.000363 J	0.00125	0.00141
Total Xylenes	<0.000510	<0.000510	0.00125 B J
TPH GRO	1.71	--	--
TPH DRO	0.147	--	--

MW-7	
Date	06/09/2021
Benzene	<0.000190
Toulene	<0.000412
Ethylbenzene	<0.000160
Total Xylenes	<0.000510
TPH GRO	0.0388 B J
TPH DRO	0.0629 J

MW-4		
Date	06/09/2021	11/10/2021
Benzene	**11.4**	**15.8**
Toulene	0.000655 J	<0.0412
Ethylbenzene	0.00543	<0.0160
Total Xylenes	0.00555	<0.0510
TPH GRO	31.9	--
TPH DRO	0.618	--

MW-20	
Date	06/08/2021
Benzene	<0.000190
Toulene	<0.000412
Ethylbenzene	<0.000160
Total Xylenes	<0.000510
TPH GRO	<0.0314
TPH DRO	0.124

MW-18		
Date	06/09/2021	11/10/2021
Benzene	<0.000190	0.000307 J
Toulene	<0.000412	<0.000412
Ethylbenzene	<0.000160	<0.000160
Total Xylenes	<0.000510	<0.000510
TPH GRO	<0.0314	--
TPH DRO	0.254	--

MW-10	
Date	06/09/2021
Benzene	0.000213 J
Toulene	<0.000412
Ethylbenzene	<0.000160
Total Xylenes	<0.000510
TPH GRO	<0.0314
TPH DRO	0.445

MW-2		
Date	06/09/2021	11/10/2021
Benzene	**0.00990**	**0.0758**
Toulene	<0.000412	<0.000412
Ethylbenzene	<0.000160	0.000175 J
Total Xylenes	<0.000510	<0.000510
TPH GRO	0.0727 B J	--
TPH DRO	0.216	--

MW-14		
Date	06/09/2021	11/10/2021
Benzene	<0.000190	0.00141
Toulene	<0.000412	<0.000412
Ethylbenzene	<0.000160	<0.000160
Total Xylenes	0.000646 J	<0.000510
TPH GRO	0.410	--
TPH DRO	0.675	--

MW-25	
Date	06/09/2021
Benzene	<0.000190
Toulene	<0.000412
Ethylbenzene	<0.000160
Total Xylenes	<0.000510
TPH GRO	<0.0314
TPH DRO	0.0851 J

MW-26	
Date	06/09/2021
Benzene	<0.000190
Toulene	<0.000412
Ethylbenzene	<0.000160
Total Xylenes	<0.000510
TPH GRO	<0.0314
TPH DRO	0.0558 J

MW-13		
Date	06/09/2021	11/10/2021
Benzene	<0.000190	0.00197
Toulene	<0.000412	<0.000412
Ethylbenzene	<0.000160	<0.000160
Total Xylenes	<0.000510	<0.000510
TPH GRO	<0.0314	--
TPH DRO	0.355	--

MW-1			
Date	06/09/2021	06/09/2021 DUP	11/10/2021
Benzene	**0.0749**	**0.0763**	**0.204**
Toulene	<0.000412	<0.000412	<0.000412
Ethylbenzene	<0.000160	<0.000160	<0.000160
Total Xylenes	<0.000510	<0.000510	<0.000510
TPH GRO	0.242 B	0.236 B	--
TPH DRO	1.02	0.995	--

MW-12		
Date	06/08/2021	11/10/2021
Benzene	<0.000190	<0.000190
Toulene	<0.000412	0.000502 B J
Ethylbenzene	<0.000160	<0.000160
Total Xylenes	<0.000510	<0.000510
TPH GRO	<0.0314	--
TPH DRO	0.0735 J	--

TW-11		
Date	06/08/2021	11/10/2021
Benzene	0.000231 J	<0.000190
Toulene	<0.000412	0.000650 B J
Ethylbenzene	<0.000160	<0.000160
Total Xylenes	<0.000510	<0.000510
TPH GRO	<0.0314	--
TPH DRO	0.0653 J	--

TW-13		
Date	06/09/2021	11/10/2021
Benzene	<0.000190	0.000368 J
Toulene	<0.000412	0.000502 B J
Ethylbenzene	<0.000160	<0.000160
Total Xylenes	<0.000510	<0.000510
TPH GRO	0.0367 B J	--
TPH DRO	0.181	--

LEGEND:

— x — x —	FENCE LINE
MW-1	MONITORING WELL LOCATION
RW-1	RECOVERY WELL LOCATION
	ABANDONED (PLUGGED) WELL LOCATION (2020)
MW-11	DESTROYED WELL LOCATION
	ESTIMATED EXTENT OF DISSOLVED PHASE PLUME EXCEEDING NMWQCC STANDARDS
TPH-GRO	TOTAL PETROLEUM HYDROCARBONS GASOLINE RANGE ORGANICS (C6-C10) (mg/L)
TPH-DRO	TOTAL PETROLEUM HYDROCARBONS GASOLINE RANGE ORGANICS (C10-C28) (mg/L)
LNAPL	LIGHT NON-AQUEOUS PHASE LIQUID
(1.89)	LNAPL THICKNESS DURING NOVEMBER 2021 SAMPLING EVENT (FEET)
(NS)	NOT SAMPLED
<0.000412	RESULTS ARE LESS THAN THE SAMPLE DETECTION LIMIT
B	THE SAME ANALYTE IS FOUND IN THE ASSOCIATED BLANK
J	ESTIMATED CONCENTRATION DETECTED BELOW THE QUANTITATION LIMIT
BOLD	VALUES INDICATE THE CONCENTRATION EXCEEDS NMWQCC STANDARD
NMWQCC	NEW MEXICO WATER QUALITY CONTROL COMMISSION
DUP	DUPLICATE SAMPLE
--	NOT ANALYSED

Analyte	NMWQCC Standards for Groundwater (mg/L)
Benzene	0.005
Toluene	1
Ethylbenzene	0.7
Total Xylenes	0.62
TPH GRO	No Standard
TPH DRO	No Standard

0 300' 600'

Approximate Scale: 1 in. = 300 ft.

CHEVRON ENVIRONMENT MANAGEMENT COMPANY
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

DISSOLVED HYDROCARBON CONCENTRATION MAP JUNE AND NOVEMBER 2021

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FIGURE 5

Appendix A

Site Background

REGULATORY BACKGROUND

The Site is located within the gas compression facility currently owned and operated by Targa Resources, LLC. The facility was originally owned by Texaco Exploration and Production, Inc. (Texaco). Previous investigations were conducted by Texaco to identify the source and extent of groundwater impacts observed in the non-potable water well at the Site. These investigations have included the advancement of 17 soil borings and installation of 24 monitoring wells from 2002 to 2007. Light non-aqueous phase liquid (LNAPL) was first discovered in May 2008 within monitoring well MW-19, which is located proximate to a former “slop oil” tank. LNAPL has not been observed in MW-1 or MW-13 (located down gradient from MW-19). The primary chemical of concern (COC) in groundwater was identified as benzene. Fluid levels and concentrations of dissolved benzene, toluene, ethylbenzene, and total xylenes (BTEX) have been monitored on an annual or semi-annual basis since the monitoring wells were installed.

In order to determine the source of LNAPL in MW 19 and dissolved benzene in monitoring well MW 4, Stantec Inc. installed extraction well EW-1 and drilled five soil borings in May 2010. Soil results from borings SB-3, SB-4 and EW-1 (located adjacent to MW-19) exhibited BTEX and/or total petroleum hydrocarbons (TPH) concentrations at depths extending from 124 to 128 feet below ground surface (ft. bgs) that exceeded applicable New Mexico Oil Conservation Division (NMOCD) action levels. LNAPL has been present in EW-1 since its installation adjacent to MW-19 in 2010. LNAPL subsequently appeared in MW-8 and MW-9 in 2011, and in MW-3 in 2012.

GHD Services, Inc. (GHD) managed the project beginning in November 2010 and has conducted semiannual monitoring events since 2011. Arcadis assumed responsibility of the semiannual monitoring events in 2019. As part of free product recovery efforts, LNAPL has been bailed from MW-8, MW-9, MW-19, and EW-1 since 2011. LNAPL from MW-3 has been bailed since 2017. An approximate biweekly bailing schedule was implemented in 2012 and continued through 2019.

Although LNAPL thicknesses have fluctuated in wells, there has been no evidence of additional LNAPL migration since the appearance of LNAPL in MW-3 during 2012. Prior results do not indicate surface or shallow subsurface soil impacts in wells containing LNAPL.

The potential source of LNAPL in MW-8 and MW-9 was further evaluated in March and April 2015, and the results were presented in the 2015 Annual Groundwater Monitoring Report dated March 2016. The investigation involved five soil borings which were advanced to depths of 130 ft. bgs with the objective to further assess the possible source of the LNAPL. The results indicated no hydrocarbon impacts in soil down to the total depths of the borings. As such, the source of LNAPL was not identified. Two of the soil borings were deepened to 150 ft. bgs and converted to monitoring wells (MW-25 and MW-26).

The combined recoveries during two mobile dual-phase extraction (MDPE) events performed in August and December 2015 were approximately 425 gallons of LNAPL and 14,442 gallons of water. The August event resulted in the total LNAPL recovery of 210 gallons (liquid and vapor) followed by 215 gallons in the December event. Although these results demonstrated that MDPE was a viable LNAPL recovery method for the Site, it was determined that biweekly hand bailing would continue due to the lower costs and apparent stability of the LNAPL and dissolved phase plumes.

Analysis of chloride in groundwater was discontinued after 2012 in all wells except MW-21 because the historical results indicated that it was not a concern in other wells. Subsequent chloride results in MW-22 indicated an isolated exceedance in October 2014 and two consecutive exceedances during 2017.

In July 2017, LNAPL was sampled from MW-3 and MW-19 and analyzed by PIANO (Paraffins, Isoparaffins, Aromatics, Napthenes, and Olefins) analysis. Conclusions from results of the analysis of the two samples determined they were both of nearly identical compositional configuration, carbon distribution, and compositional make up (i.e., believed from the same source). Both samples were also determined relatively fresh with minimal weathering.

REGULATORY FRAMEWORK

The NMOCD provides guidance for remediation of contaminants of oil field wastes or products in Guidelines for Remediation of Leaks, Spills, and Releases (August 13, 1993). These guidelines require remediation of groundwater to the human health standards of the New Mexico Water Quality Control Commission (NMWQCC) set forth in New Mexico Administrative Code 20.6.2.3103. NMWQCC standards for BTEX are listed below, and do not include TPH.

Analyte	NMWQCC Standard for Groundwater (mg/L)
Benzene	0.005
Toluene	1
Ethylbenzene	0.7
Total Xylenes	0.62

Note: mg/L = milligrams per liter

GROUNDWATER SAMPLING AND ANALYSIS

The Site currently includes 26 active monitoring wells (MW-1 through MW-10, MW-12 through MW-26, and EW-1) (Figure 2). The first semiannual groundwater monitoring event was conducted in July 2021, the second semiannual monitoring event was conducted in December 2021. Monitoring well MW-11, located southwest of the dissolved phase plume, has not been gauged or sampled since October 2008 because the casing collapsed in late 2008 or early 2009. The consent of the NMOCD to exclude MW-11 as a monitoring well was requested at the time. Subsequent pipeline replacement activities in late 2012 destroyed MW-11, as was noted in the 2013 Annual Groundwater Monitoring Report dated March 14, 2014. The dissolved-phase plume was already delineated in the area north and east of MW-11 as evidenced by monitoring results in MW-10 and MW-12 (and subsequently by MW-25 and MW-26).

Wells TW-11 and TW-13, associated with the adjacent Vacuum Grayburg San Andres Unit No. 58 (VGSAU #58) site (Buckeye Vacuum Field Unit) located south of Texas Camp Road (Figure 2), are included in the groundwater monitoring program in order to monitor dissolved phase contaminants to the southeast of the Site. Based on historical analytical results of on-site well MW-13, the southeastern side of the dissolved phase plume has remained delineated within the facility area.

GEOLOGY/HYDROGEOLOGY ASSESSMENT

Site Setting

The Buckeye Compressor Station is located immediately north of Texas Camp Road, approximately one mile southwest of Buckeye, Lea County, New Mexico. The general vicinity is shown on Figure 1 and Site details are presented on Figure 2. The Site location is in Section 36, Township 17 South, Range 34 East at geographic coordinates: 32.784532, -103.50831.

Land in the vicinity of the Site is utilized primarily for livestock ranching and oil and gas production, and has areas of undeveloped rangeland vegetated with indigenous grass. An injection well facility, operated by Resaca Resources, LLC (Resaca), is located adjacent to the Site. No active Chevron U.S.A. Inc. (Chevron) operations are present in the area.

Regional Geologic Conditions

The region is characterized by a surface cover of up to 200 feet of unconsolidated to semi-lithified sediments of the Ogallala Formation consisting of sand, clay, and fluvial gravel. The upper portion of the Ogallala Formation has been heavily cemented by caliche. The Tertiary-aged sediments are underlain by the Triassic-aged Dockum Group shale (“red beds”).

Site Geology

The subsurface stratigraphy typically included the following:

- A thick sand (0 to 163 feet) layer of unconsolidated fine sand containing trace caliche nodules. Sand grains gradually increasing to fine to medium grained at 140 feet,
- A fine sand layer typically ranging from 3 feet to 30 feet,
- A sandy clay layer typically ranging from 2 feet to 11 feet directly above the upper Dockum “redbeds”, and
- Red and gray weathered shale and mudstone “redbeds” of the Triassic Dockum Group that form the underlying confining layer.

Hydrogeologic Conditions

Regional groundwater flow in the Ogallala Aquifer is controlled by the slope of the land surface to the south with localized eastward flow into the valley of Monument Draw. The aquifer typically behaves as an unconfined aquifer. Monument Draw is an intermittent stream that contains water only after heavy rains (Texas Water Development Board [TWDB], 2008)1. The Dockum Group Shale is considered the underlying aquitard for the Ogallala Aquifer.

Appendix B

Groundwater Monitoring and LNAPL O&M Reduction Workplan

Jason Michelson
Project Manager

Chevron Environmental Management Company
1500 Louisiana Street, #38116
Houston, Texas 77002
Work: 832-854-5601
Cell: 281-660-8564
jmichelson@chevron.com

July 27, 2020

EMNRD/OCD
5200 Oakland, NE, Suite 100
Albuquerque, NM 87113

Re: Buckeye Compressor Station
Case No. AP-104
Proposed Groundwater Monitoring and LNAPL O&M Reduction Workplan
Lea County, New Mexico

Dear whom it concerns,

Please find enclosed for your files, copies of the following Workplan:

- Buckeye Compressor Station Proposed Groundwater Monitoring and LNAPL O&M Reduction Workplan

The submittal was prepared by Arcadis on behalf of Chevron Environmental Management Company (CEMC).

Please do not hesitate to call Scott Foord with Arcadis U.S., Inc., the current consultant, at 713-953-4853 or myself at 832-854-5601, should you have any questions.

Sincerely,

Jason Michelson

Jason Michelson

Encl. Buckeye Compressor Station AP-104 Proposed Groundwater Monitoring and LNAPL O&M Reduction Workplan

ARCADIS Design & Consultancy for natural and built assets

Mr. Bradford Billings
Project Manager
EMNRD/OCD
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Albuquerque, NM 87113

Arcadis U.S., Inc.
10205 Westheimer Road
Suite 800
Houston
Texas 77042
Tel 713 953 4800
Fax 713 977 4620
www.arcadis.com

ENVIRONMENT

Subject:
Proposed Groundwater Monitoring and LNAPL O&M Reduction Workplan
Chevron Environmental Management Company
Buckeye Compressor Station (AP-104)
Lea County, New Mexico

Date:
July 16, 2020

Contact:
Scott Foord

Phone:
713.953.4853

Email:
William.foord@arcadis.com

ARCADIS U.S., Inc.
TX Engineering License # F-533
Geoscientist License # 50158

Dear Mr. Billings:

At the request of Chevron Environmental Management Company (CEMC), Arcadis U.S., Inc. (Arcadis) is providing this workplan to request the reduction of groundwater monitoring frequency and a reduction of light non-aqueous phase liquid (LNAPL) recovery event frequency for the Buckeye Compressor Station site (Site).

The Buckeye Compressor Station is located immediately north of Texas Camp Road, approximately one mile southwest of Buckeye, Lea County, New Mexico. The Site location is in Section 36, Township 17 South, Range 34 East at geographic coordinates 32° 47' 3.93"N, 103° 30' 30.08"W.

Groundwater monitoring began at the Site in June 2002 and the Site is currently monitored semi-annually from a network of 28 monitoring wells. The Site groundwater flow is generally to the east. Five monitoring wells currently contain LNAPL, and bi-weekly LNAPL gauging and hand-bailing activities are currently conducted. All monitoring wells without LNAPL are currently sampled during both sampling events. The constituents of concern (COCs) in groundwater include benzene, ethylbenzene, toluene, and xylenes (BTEX); total petroleum hydrocarbons (TPH); chloride and total dissolved solid.

For additional site-specific background information please refer to the GHD, 2018 Groundwater Monitoring Report, dated May 22, 2019. The 2019 Groundwater Monitoring Report will be submitted by the end of the third quarter 2020.

PROPOSED REDUCED SAMPLING PLAN

The following Workplan outlines the specifics of the proposed reduced sampling plan for select monitoring wells and the methodology for the selection of those monitoring wells. One semi-annual monitoring event will include sampling all site wells as currently conducted. The second semi-annual sampling event will be reduced to only sampling select monitoring wells based on the following proposed sampling methodology. The groundwater sampling frequency will be assessed yearly based on the results of the sampling events for the lifespan of the project and will increase to quarterly for a minimum of eight consecutive quarters prior to closure request for the Site.

CEMC also request to defer TPH analysis for all wells sampled during the reduced semi-annual sampling event as concentration trends have been established and there are currently no New Mexico Water Quality Control Commission (NMWQCC) standards for these constituents.

Additionally, CEMC requests that the current LNAPL gauging and hand-bailing activities schedule be reduced from bi-weekly to quarterly gauging only (no hand-bailing) for one year to allow the current LNAPL conditions at the Site to equilibrate so that a more practical/efficient LNAPL recovery method can be evaluated and initiated.

The following sections provide specifics for the proposed reduced groundwater monitoring plan:

Sampling Reduction for Non-Impacted Monitoring Wells

Site monitoring wells with COC concentrations reported below NMWQCC exceedance standards for two consecutive years or longer will not be gauged or sampled during the second semi-annual monitoring event.

The Site wells currently selected for reduction from the second semi-annual sampling event include: MW-5, MW-7, MW-10, MW-15, MW-16, MW-20, MW-23, MW-24, MW-25, and MW-26.

The previously referenced wells have been evaluated based on historical concentration trends, historical concentration trends of nearby monitoring wells, potential receptors, and the groundwater gradient.

The proposed reduction list of monitoring wells and associated laboratory analysis for the second semi-annual event are presented on attached **Table 1** (Sampling and Analysis Plan).

The proposed Site monitoring wells that will be sampled during the reduced event are presented on **Figure 1** (Potentiometric Surface Map) and are presented with current groundwater constituent concentrations on **Figure 2** (Proposed Groundwater Monitoring Reduction Plan).

The Summary of Historical Groundwater Analytical Results is presented in **Table 2**.

Request to Reduce LNAPL Recovery and Gauging

As stated previously, CEMC additionally requests reduction of the current bi-weekly LNAPL gauging and hand-bailing activities to quarterly gauging only (no hand-bailing) for one year (through August 2021), to allow the current LNAPL conditions at the Site to equilibrate so that a more practical/efficient LNAPL recovery method can be evaluated and initiated. CEMC will assess findings from the LNAPL gauging data collected through August 2021 to evaluate the need for additional LNAPL source determination

assessment activities at the Site. The data will also be further evaluated to determine more practical and effective LNAPL recovery system alternatives.

CONTACT

Arcadis is prepared to initiate the scope of work immediately. If you have any questions or comments, please contact either Scott Foord by phone at 713 953 4853 or by e-mail at william.foord@arcadis.com or Greg Cutshall by phone at 859 327 4626 or by email at greg.cutshall@arcadis.com.

Sincerely,

Arcadis U.S., Inc.

Scott Foord
Project Manager

Copies:
Greg Cutshall, Program Manager

Enclosures:

Tables

1 Sampling and Analysis Plan

2 Summary of Historical Groundwater Analytical Results

Figures

1 Potentiometric Surface Map

2 Proposed Groundwater Monitoring Reduction Plan

TABLES

Table 1
Sampling and Analysis Plan
Chevron Environmental Management Company
Buckeye Compressor Station (AP-104)
Lea County, New Mexico

ARCADIS Design & Consultancy for natural and built assets

	First Semi-Annual Monitoring Event			Second Semi-Annual Monitoring Event	
Well ID	BTEX	TPH DRO/GRO	Chloride and TDS	BTEX	Chloride and TDS
MW-1	X	X	--	X	--
MW-2	X	X	--	X	--
MW-3	--	--	--	--	--
MW-4	X	X	--	X	--
MW-5	X	X	--	--	--
MW-6	X	X	--	X	--
MW-7	X	X	--	--	--
MW-8	--	--	--	--	--
MW-9	--	--	--	--	--
MW-10	X	X	--	--	--
MW-12	X	X	--	X	--
MW-13	X	X	--	X	--
MW-14	X	X	--	X	--
MW-15	X	X	--	--	--
MW-16	X	X	--	--	--
MW-17	X	X	--	X	--
MW-18	X	X	--	X	--
MW-19	--	--	--	--	--
MW-20	X	X	--	--	--
MW-21	X	X	--	X	--
MW-22	X	X	X	X	X
MW-23	X	X	--	--	--
MW-24	X	X	--	--	--
MW-25	X	X	--	--	--
MW-26	X	X	--	--	--
EW-1	--	--	--	--	--
TW-11	X	X	--	X	--
TW-13	X	X	--	X	--

Notes:
USEPA = United States Environmental Protection Agency
X = Data will be collected at monitoring well during respective event
-- = Data will not be collected at monitoring well during event
Bold = LNAPL currently in well

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		***0.01 mg/L***	***0.75 mg/L***	***0.75 mg/L***	***0.62 mg/L***	***---***	***---***	***---***	***250 mg/L***	***1000 mg/L***	
MW-1	6/19/02	1.74	0.024	<0.010	<0.010				97.5	458	
MW-1	10/9/02	3.56	<0.010	<0.010	<0.010						
MW-1	8/12/03	0.555	0.003	0.003	0.009						
MW-1	8/10/04	1.5	<0.010	0.008	0.014				100	603	
MW-1	2/18/05	1.74	<0.01	<0.01	<0.01				96.0	606	
MW-1	12/21/05	4.4	<0.007	0.017 J	<0.008				74.6		
MW-1	4/11/06	3.0	<0.002	6.3 J	<0.006				73.1		
MW-1	10/12/06	1.4	0.051	0.02300	0.019				81.9		
MW-1	5/1/07	2.3	<0.001	0.0046 J	0.0032 J				80.5	503	
MW-1	10/24/07	1.7	0.0014 J	0.0039 J	0.003				83.7		
MW-1	5/21/08	1.6	0.0055	0.0064	0.005 J				86.4		
MW-1	10/16/08	1.5	0.0017 J	0.0083	0.0066 J				79.7		
MW-1	4/20/09	1.7	0.0036 J	0.0076 J	0.0066 J				73.8		
MW-1	9/29/09	3.1	0.0027	0.0022	0.0059				71.1		
MW-1	4/6/10	4.0	<0.0040	0.0045 J	<0.012						
MW-1	10/7/10	3.3	0.0032 J	0.0013 J	0.0031 J						
MW-1	4/26/11	8.8	<0.0010	0.0022	0.0039	18.2	<0.050		62.5		
MW-1	10/20/11	6.2	<0.200	<0.100	<0.100	<1.50	1.84		63.4		
MW-1	4/26/12	3.94	<0.500	<0.250	<0.250	4.68	<1.50		67.7		
MW-1	11/9/12	1.10	<0.020	<0.010	<0.010	<1.50	<1.50		64.1		
MW-1	4/25/13	6.21	<0.100	<0.050	<0.050	6.57	<1.50				
MW-1	10/24/13	6.19	<0.0400	<0.0200	<0.0200	6.62	<1.50	6.62			
MW-1	2/14/14	7.25	<0.1000	<0.0500	<0.0500	5.00	<1.50	5.00			
MW-1	10/30/14	6.59	<0.0500	<0.2500	<0.0250	10.00	<1.48	10.00			
MW-1	3/3/15	5.56	<0.05000	<0.0250	<0.0250	6.58	<1.50	6.58			
MW-1	10/29/15	1.49	<0.040000	<0.020000	<0.0200	2.07	<1.41	2.07			
MW-1	3/3/16	1.50	<0.0400	<0.0200	<0.0200	2.24	<1.41	2.24			
MW-1	8/23/16	3.59	<0.0200	<0.0200	<0.0200	1.99	<1.50	1.99			
MW-1	3/3/17	0.0978	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-1	8/31/17	2.34	<0.100	<0.100	<0.100	<1.50	<1.50	<1.50			
MW-1	4/5/18	1.65	<0.00200	<0.00200	<0.00200	3.08	<1.50	3.08			
MW-1	8/29/18	2.94	<0.00200	<0.00200	<0.00200	4.00	<1.50	4.00			
MW-1	1/29/19	2.02	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-1	12/17/19	0.84	<0.00020	<0.00021	<0.00037	3	<1.50	3			
MW-2	6/19/02	1.15	<0.005	0.009	0.017				88.6	335	
MW-2	10/9/02	1.73	<0.010	0.017	0.040						
MW-2	8/12/03	0.947	<0.005	0.007	0.014						
MW-2	8/10/04	0.149	0.001	0.001	0.003				78	361	
MW-2	2/18/05	1.15	<0.010	0.0115	0.030				169		
MW-2	12/21/05	15.0	4.0	0.760	0.700				62.4		
MW-2	4/11/06	0.65	0.11	0.035	0.280				87.4		
MW-2	10/12/06	1.10	0.19	0.017	0.029				81.1		
MW-2	5/7/07	0.490	0.004 J	0.0023	0.009				80.8	469	
MW-2	10/24/07	0.90	0.0007 J	0.004	0.016				79.8		
MW-2	5/21/08	1.3	0.0035	0.004	0.014				100		
MW-2	10/16/08	0.67	0.0013 J	0.0013 J	0.011 J				92.3		
MW-2	4/20/09	0.74	0.0013 J	0.0013 J	0.015				63.5		
MW-2	9/29/09	0.62	0.020	0.0043	0.015				67.8		
MW-2	4/6/10	0.140	<0.0002	0.0002 J	0.0055						
MW-2	10/6/10	0.200	0.035	0.0044	0.0087						
MW-2	4/21/11	1.000	0.0033	<0.00020	<0.00070	1.99	0.051		62.0		
MW-2	10/19/11	0.993	<0.00200	<0.00100	<0.00100	<1.50	2.04		106		
MW-2	4/26/12	0.868	<0.500	<0.250	<0.250	<1.50	<1.50		129		
MW-2	11/12/12	0.709	0.0224	0.0122	0.0317	<1.50	<1.50		140		
MW-2	4/25/13	0.294	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-2	10/24/13	0.583	<0.0100	<0.00500	<0.00500	<1.50	<1.50	<1.50			
MW-2	2/13/14	0.174	<0.0020	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-2	10/30/14	0.0281	<0.0020	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-2	3/3/15	0.0712	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-2	10/29/15	0.00325	<0.0020	<0.00100	<0.00100	<1.41	<1.41	<1.41			

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		***0.01 mg/L***	***0.75 mg/L***	***0.75 mg/L***	***0.62 mg/L***	***---***	***---***	***---***	***250 mg/L***	***1000 mg/L***	
MW-2	3/3/16	0.00216	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-2	8/23/16	0.0622	<0.00200	<0.00200	<0.00200	1.99	<1.50	<1.50			
MW-2	3/3/17	0.0447	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-2	8/31/17	0.757	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-2	4/5/18	0.315	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-2	8/29/18	0.249	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-2	1/29/19	0.0061	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-2	12/20/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-3	6/20/02	1.05	0.739	0.345	0.416				56.1		
MW-3	10/9/02	4.8	1.24	0.088	0.178						
MW-3	8/11/03	3.3	1.13	0.24	0.272						
MW-3	8/10/04	2.57	1.190	0.185	0.222				49.6		
MW-3	2/18/05										NS--H2S
MW-3	12/20/05										NS--H2S
MW-3	4/11/06	1.70	0.62	0.091	0.086				47.7		
MW-3	10/12/06	5.30	1.8	0.16	0.240				60.2		
MW-3	5/3/07	3.40	1.3	0.16	0.260				56.3	359	
MW-3	10/24/07										NS--no access
MW-3	5/20/08	1.40	0.085	0.034	0.045				63		
MW-3	10/16/08										No lab data
MW-3	4/16/09	0.46	0.061	0.011	0.020				54.9		
MW-3	9/29/09	0.50	0.091	0.012	0.019				52.8		
MW-3	4/6/10	0.570	0.190	0.021	0.028						
MW-3	10/6/10	0.430	0.160	0.017	0.025						
MW-3	4/21/11	6.600	1.100	0.088	0.120	14.5	0.026 J		41.7		
MW-3	10/19/11	7.05	0.372	0.391	0.480	11.1	2.200		43.8		
MW-3	4/24/12										NS--LNAPL
MW-3	11/12/12	7.06	0.822	0.249	0.204	11.8	<1.50		43.5		
MW-3	4/26/13	11.70	0.884	0.289	0.301	13.0	<1.50				
MW-3	10/22/13										NS--LNAPL
MW-3	2/11/14										NS--LNAPL
MW-3	10/27/14										NS--LNAPL
MW-3	2/24/15										NS--LNAPL
MW-3	10/28/15										NS--LNAPL
MW-3	2/29/16										NS--LNAPL
MW-3	8/23/16	6.60	0.0685	<0.100	0.242	6.19	1.75	7.94			
MW-3	3/3/17										NS--LNAPL
MW-3	8/30/17										NS--LNAPL
MW-3	4/5/18										NS--LNAPL
MW-3	8/29/18										NS--LNAPL
MW-3	1/29/19										NS--LNAPL
MW-3	12/20/19										NS--LNAPL
MW-4	6/20/02	0.001	<0.001	<0.001	<0.001				142	558	
MW-4	10/9/02	0.705	<0.005	0.005	0.011						
MW-4	8/13/03	2.39	<0.005	0.012	0.006						
MW-4	8/11/04	3.73	0.0409	0.077	0.037				44.3	329	
MW-4	2/18/05	6.85	0.004 J	0.043	0.024				43.0	312	
MW-4	12/20/05	4.80	<0.001	0.035	0.018				50.5		
MW-4	4/12/06	5.00	0.014	0.050	0.018 J				42.9		
MW-4	10/11/06	6.30	0.0031 J	0.039	0.020				52.6		
MW-4	4/30/07	14.00	0.0089 J	0.170	0.074				64.4	276	
MW-4	10/24/07	14.00	0.012	0.180	0.067				53.4		
MW-4	5/19/08	12.00	0.170	0.150	0.110				62.9		
MW-4	10/20/08	17.00	1.1	0.580	2.200				63.4		
MW-4	4/15/09	20.00	0.180	0.390	0.28 J				57.10		
MW-4	9/30/09	18.00	0.110	0.320	0.140 J				56.70		
MW-4	4/6/10	25.0	0.490	0.470	0.220 J						
MW-4	10/7/10	20.0	0.500	0.370	0.200						
MW-4	4/26/11	39.0	0.170	0.230	0.130	75.7	0.360		86.4		

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BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS Design & Consultancy for natural and built assets

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MW-4	10/20/11	23.1	<0.200	0.128	<0.100	21.4	1.810		79		
MW-4	4/26/12	16.6	<0.500	<0.250	<0.250	15.9	<1.50		77.1		
MW-4	11/7/12	19.2	0.464	0.113	0.449	18.6	<1.50		70.7		
MW-4	4/26/13	20.5	<0.200	<0.100	<0.100	18.8	<1.50				
MW-4	10/24/13	19.6	<0.100	0.167	0.0595	21.7	<1.50	21.7			
MW-4	2/14/14	19.9	<0.100	0.070	0.0500	30.5	<1.50	30.5			
MW-4	10/29/14	26.2	<0.200	0.202	<0.100	34.0	<1.48	34.0			
MW-4	3/3/15	23.4	<0.20001	0.177	<0.100	24.6	<1.50	24.6			
MW-4	10/28/15	9.52	0.141	0.051	0.0550	15.7	<1.41	15.7			
MW-4	3/3/16	5.77	0.0201	0.0450	0.0297	6.26	<1.41	6.26			
MW-4	8/24/16	6.81	<0.100	<0.100	<0.100	5.88	<1.50	5.88			
MW-4	3/1/17	4.20	<0.100	<0.100	<0.100	<1.50	<1.50	<1.50			
MW-4	8/31/17	6.19	<0.100	<0.100	<0.100	<1.50	<1.50	<1.50			
MW-4	4/4/18	12.80	<0.00200	0.00294	<0.00200	21.1	<1.50	21.1			
MW-4	8/28/18	9.76	<0.20000	<0.20000	<0.20000	13.7	<1.50	13.7			
MW-4	1/29/19	6.92	<0.20000	0.00228	0.00113	9.64	<1.50	<1.50			
MW-4	12/19/19	11.00	0.004	0.044	0.030 J	28.00	<1.50	28			
MW-4	12/19/19	12.00	0.004	0.044	0.030 J	33.00	<1.50	33			
MW-5	6/20/02	0.002	<0.001	<0.001	<0.001				160	521	
MW-5	10/9/02	0.489	<0.001	<0.001	<0.001						
MW-5	8/13/03	0.361	0.002	0.001	0.002						
MW-5	8/12/04	0.169	0.0005	0.0021	0.002				63.8	408	
MW-5	2/18/05	0.125	<0.001	0.001 J	0.002				48.8	397	
MW-5	12/21/05	0.30	<0.0007	0.002 J	0.002 J				36.1		
MW-5	4/12/06	0.04	0.014	0.0055	0.006				26.9		
MW-5	10/12/06	0.71	0.200	0.036	0.039				31.5		
MW-5	4/26/07	0.013	<0.0002	<0.0002	<0.0006				26.7	303	
MW-5	10/23/07	0.0083	<0.0002	<0.0002	<0.0006				25.6		
MW-5	5/20/08	0.066	0.0012	0.0086	0.011				30.1		
MW-5	10/20/08	0.012	0.0015	0.0003 J	<0.0006				37.3		
MW-5	4/21/09	0.028	0.0007 J	0.0018	0.0015 J				27.2		
MW-5	9/29/09	0.011	0.0008 J	<0.0002	<0.0006				25.9		
MW-5	4/6/10	0.037	0.0004 J	0.0003 J	<0.0006						
MW-5	10/5/10	0.019	<0.0002	<0.0002	<0.0006						
MW-5	4/21/11	0.0014	0.0025	<0.00020	<0.00070	<0.020	<0.020		20.5		
MW-5	10/18/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	1.87		25.4		
MW-5	4/25/12	0.0335	<0.00200	<0.00100	<0.00100	<1.50	<1.50		29.3		
MW-5	11/8/12	0.00901	<0.00200	<0.00100	<0.00100	<1.50	1.68		27.8		
MW-5	4/25/13	0.00819	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-5	10/23/13	0.0176	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-5	2/13/14	0.0574	<0.00200	<0.00100	0.00267	<1.50	<1.50	<1.50			
MW-5	10/29/14	0.0031	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-5	3/2/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-5	10/28/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-5	3/3/16										NS - construction
MW-5	8/25/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-5	3/2/17	0.00223	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-5	8/31/17	0.0609	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-5	4/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-5	9/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-5	1/31/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-5	12/19/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-6	6/20/02	0.444	<0.001	<0.001	<0.001				28.4	329	
MW-6	10/9/02	5.45	<0.010	<0.010	0.032						
MW-6	8/12/03	1.63	<0.005	<0.005	0.010						
MW-6	8/10/04	0.827	0.001	0.001	0.006				24.8	318	
MW-6	2/18/05	1.62	<0.0050	<0.0050	0.000				31.9	368	
MW-6	12/21/05	1.8	<0.001	<0.002	0.005 J				25.8		
MW-6	4/11/06	1.5	0.330	0.043	0.049				49.5		

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.01 mg/L*	*0.75 mg/L*	*0.75 mg/L*	*0.62 mg/L*	---	---	---	*250 mg/L*	*1000 mg/L*	
MW-6	10/12/06	2.2	<0.001	0.0028 J	0.015				39.1		
MW-6	5/1/07	0.850	0.0050 J	0.0028	0.007				26.3	282	
MW-6	10/24/07	1.1	0.0005 J	0.0049	0.009				37.9		
MW-6	5/20/08	0.940	0.0012	0.0073	0.015				24.1		
MW-6	10/16/08	0.530	0.001 J	0.0023 J	0.0051 J				22.9		
MW-6	4/16/09	1.4	0.0003 J	0.0027	0.011				22.1		
MW-6	9/29/09	1.9	0.0035	0.0054	0.025				27		
MW-6	4/6/10	1.600	0.0004 J	0.0083	0.028						
MW-6	10/7/10	0.460	0.0051	0.0015	0.0063						
MW-6	4/21/11	0.800	0.0031	<0.00020	0.00089 J	1.60	<0.020		27.5		
MW-6	10/20/11	0.289	<0.00200	<0.00100	<0.00100	<1.50	2.21		40.9		
MW-6	4/27/12	0.250	<0.00200	<0.00100	<0.00100	<1.50	<1.50		50.0		
MW-6	11/12/12	0.807	<0.02000	<0.01000	<0.01000	<1.50	<1.50		52.1		
MW-6	4/26/13	0.628	<0.01000	<0.00500	<0.00500	<1.50	<1.50				
MW-6	10/24/13	1.04	<0.0100	<0.00500	<0.00500	2.10	<1.50	2.10			
MW-6	2/13/14	0.23	<0.0020	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-6	10/30/14	0.0392	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-6	3/3/15	0.0355	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-6	10/29/15	0.132	<0.0020	<0.00100	<0.00100	<1.51	<1.41	<1.51			
MW-6	3/3/16	0.0177	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-6	8/24/16	0.208	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-6	3/3/17	0.0275	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-6	9/1/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-6	4/6/18	0.109	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-6	8/29/18	0.480	<0.0400	<0.0400	<0.0400	<1.50	<1.50	<1.50			
MW-6	1/29/19	0.0188	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-6	12/20/19	0.013	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-7	6/20/02	0.001	<0.001	<0.001	<0.001				31.9	337	
MW-7	10/9/02	0.086	<0.001	<0.001	0.001						
MW-7	8/12/03	0.241	<0.001	<0.001	0.002						
MW-7	8/10/04	0.0436	<0.001	<0.001	<0.001				19.5	322	
MW-7	2/18/05	0.0375	<0.001	<0.001	<0.001				23.5	387	
MW-7	12/21/05	0.012	<0.0007	<0.0008	<0.0008				18.0		
MW-7	4/12/06	0.1	0.043	0.0086	0.008				16.9		
MW-7	10/12/06	0.13	0.0002 J	0.0006 J	0.0009 J				31.9		
MW-7	5/1/07	<0.0002	<0.0002	<0.0002	<0.0006				18.4	293	
MW-7	10/24/07	0.17	0.0003 J	0.010	0.004				18.5		
MW-7	5/20/08	0.045	0.0009 J	0.0066	0.009				19.8		
MW-7	10/15/08	0.0032	0.0003 J	<0.0002	<0.0006				18.2		
MW-7	4/16/09	0.009	<0.0002	<0.0002	<0.0006				15.6		
MW-7	9/29/09	0.0023	0.0009 J	<0.0002	<0.0006				16		
MW-7	4/5/10	0.0040	0.0003 J	<0.0002	<0.0006						
MW-7	10/5/10	0.0066	<0.0002	<0.0002	<0.0006						
MW-7	4/20/11	<0.00020	0.0046	<0.00020	<0.00070	<0.020	<0.020		19.0		
MW-7	10/20/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		20.7		
MW-7	4/24/12	<0.00100	0.00405	<0.00100	<0.00100	<1.50	<1.50		20.8		
MW-7	11/12/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		17.8		
MW-7	4/24/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-7	10/23/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-7	2/13/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-7	10/29/14	0.00408	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-7	2/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-7	10/29/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-7	3/3/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-7	8/24/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-7	3/3/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-7	9/1/17	1.05	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-7	4/6/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-7	8/29/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-7	1/29/19	0.00061	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		***0.01 mg/L***	***0.75 mg/L***	***0.75 mg/L***	***0.62 mg/L***	**---**	**---**	**---**	***250 mg/L***	***1000 mg/L***	
MW-7	12/20/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-8	6/20/02	1.23	<0.005	0.046	0.021				31.9	359	
MW-8	10/9/02	0.579	<0.005	0.031	0.018						
MW-8	8/12/03	0.673	0.001	0.010	0.013						
MW-8	8/10/04	0.441	0.001	0.047	0.015				42.1	392	
MW-8	2/18/05	2.32	0.010 J	0.048	0.021				56.3	532	
MW-8	12/21/05	4.6	0.051	0.460	0.120				56.1		
MW-8	4/11/06	3.4	0.170	0.170	0.072				50.6		
MW-8	10/12/06	4.3	0.180	0.260	0.098				49.3		
MW-8	5/1/07	4.1	0.016	0.200	0.093				48.9	429	
MW-8	10/24/07	4.4	0.018	0.220	0.086				52.9		
MW-8	5/21/08	1.7	0.049	0.038	0.033				48.2		
MW-8	10/16/08	5.3	0.0068 J	0.140	0.081				53.6		
MW-8	4/20/09	6.1	0.130	0.200	0.110				46.9		
MW-8	9/30/09	4.0	0.0085	0.120	0.067				42.8		
MW-8	4/6/10	2.9	0.120	0.091	0.062						
MW-8	10/5/10										NS--LNAPL
MW-8	4/18/11										NS--LNAPL
MW-8	10/18/11										NS--LNAPL
MW-8	4/23/12										NS--LNAPL
MW-8	11/5/12										NS--LNAPL
MW-8	4/23/13										NS--LNAPL
MW-8	10/22/13										NS--LNAPL
MW-8	2/11/14										NS--LNAPL
MW-8	10/27/14										NS--LNAPL
MW-8	2/24/15										NS--LNAPL
MW-8	10/26/15										NS--LNAPL
MW-8	2/29/16										NS--LNAPL
MW-8	8/22/16										NS--LNAPL
MW-8	3/3/17										NS--LNAPL
MW-8	8/31/17	3.25	2.92	0.728	1.11	24.5	8.17	35.6			
MW-8	4/3/18										NS--LNAPL
MW-8	8/29/18	3.62	1.37	0.292	0.40	24.8	2.85	27.7			
MW-8	1/29/19	1.67	0.0147	0.0618	0.0886	6.77	1.02	7.79			
MW-8	12/16/19										NS--LNAPL
MW-9	10/9/02	0.004	0.001	<0.001	0.023						
MW-9	8/12/03	0.083	0.002	<0.001	0.007						
MW-9	8/10/04	0.004	0.001	0.0003	0.002				230	915	
MW-9	2/18/05	0.001 J	<0.001	0.0002 J	0.009				34.0	625	
MW-9	12/21/05	0.001 J	<0.0007	<0.0008	0.019				23.9		
MW-9	4/11/06	0.30	0.150	0.027	0.032				77.5		
MW-9	10/12/06	0.46	0.093	0.025	0.025				58.8		
MW-9	5/1/07	0.710	0.0005 J	0.0021	0.003				136	677	
MW-9	10/24/07	0.11	<0.001	0.0057	0.012				31.2		
MW-9	5/21/08	2.70	0.016	0.0072	0.0093 J				95.1		
MW-9	10/16/08										NS--no access
MW-9	4/20/09	2.60	0.0075 J	0.017	0.012 J				110		
MW-9	9/30/09	3.20	0.0021	0.0025	0.0023 J				141		
MW-9	4/6/10	5.500	0.057	0.061	0.081						
MW-9	10/7/10	3.100	0.027	0.072	0.013 J						
MW-9	4/26/11	4.700	0.069	0.059	0.011	9.320	<0.050		155		
MW-9	10/18/11										NS--LNAPL
MW-9	4/23/12										NS--LNAPL
MW-9	11/5/12										NS--LNAPL
MW-9	4/23/13										NS--LNAPL
MW-9	10/22/13										NS--LNAPL
MW-9	2/11/14										NS--LNAPL
MW-9	10/27/14										NS--LNAPL
MW-9	2/24/15										NS--LNAPL

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		***0.01 mg/L***	***0.75 mg/L***	***0.75 mg/L***	***0.62 mg/L***	***---***	***---***	***---***	***250 mg/L***	***1000 mg/L***	
MW-9	10/26/15										NS--LNAPL
MW-9	2/29/16										NS--LNAPL
MW-9	8/22/16										NS--LNAPL
MW-9	3/3/17										NS--LNAPL
MW-9	8/30/17										NS--LNAPL
MW-9	4/3/18										NS--LNAPL
MW-9	8/29/18										NS--LNAPL
MW-9	1/29/19										NS--LNAPL
MW-9	12/19/19										NS--LNAPL
MW-10	10/8/02	0.029	<0.001	<0.001	<0.001						
MW-10	8/12/03	0.060	<0.001	<0.001	<0.001						
MW-10	8/11/04	0.050	0.0002	0.0004	0.001				35.4	328	
MW-10	2/18/05	0.022	<0.001	<0.001	<0.001				36.5	380	
MW-10	12/20/05	0.024	<0.0007	0.002 J	0.002 J				48.1		
MW-10	4/11/06	0.0033	0.0003 J	<0.0002	<0.0006				38.4		
MW-10	10/11/06	0.0037	<0.0002	<0.0002	<0.0006				33.3		
MW-10	4/26/07	0.0002 J	<0.0002	<0.0002	<0.0006				41.8	311	
MW-10	10/22/07	<0.0002	<0.0002	<0.0002	<0.0006				30.2		
MW-10	5/16/08	0.0041	<0.0002	0.001	<0.0006				32.5		
MW-10	10/14/08	<0.005	0.0003 J	<0.0002	<0.0006				33.1		
MW-10	4/16/09	0.034	0.0005 J	0.002	0.0015 J				31.7		
MW-10	9/29/09	0.0032	0.0018	0.0005 J	<0.0006				30.9		
MW-10	4/6/10	0.0044	0.0003 J	<0.0002	<0.0006						
MW-10	10/5/10	0.0051	<0.0002	<0.0002	<0.0006						
MW-10	4/20/11	<0.00020	0.0015	<0.00020	<0.00070	<0.020	<0.020		42.7		
MW-10	10/20/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		38.0		
MW-10	4/25/12	<0.00100	0.00311	<0.00100	<0.00100	<1.50	<1.50		37.5		
MW-10	11/8/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		30.1		
MW-10	4/24/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-10	10/23/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-10	2/12/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-10	10/29/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-10	2/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-10	10/28/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-10	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-10	8/26/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-10	3/2/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-10	8/30/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-10	4/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-10	9/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-10	12/18/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-11	10/8/02	<0.001	<0.001	<0.001	<0.001						
MW-11	8/13/03	<0.001	<0.001	<0.001	<0.001						
MW-11	8/11/04	<0.001	<0.001	<0.001	<0.001				47.9	340	
MW-11	2/18/05	<0.001	<0.001	<0.001	<0.001				50.1	441	
MW-11	12/20/05	0.0006 J	<0.0007	<0.0008	<0.0008				43.1		
MW-11	4/11/06	0.0009 J	0.0002 J	<0.0002	<0.0006				39.8		
MW-11	10/11/06	0.0005 J	0.0003 J	<0.0002	<0.0006				56.1		
MW-11	4/26/07	0.0003 J	<0.0002	<0.0002	<0.0006				70.6	268	
MW-11	10/22/07	<0.0002	<0.0002	<0.0002	<0.0006				38.7		
MW-11	5/14/08	0.0014	<0.0002	0.0007 J	<0.0006				65		
MW-11	10/14/08	0.0003 J	0.0002 J	<0.0002	<0.0006				97.4		
MW-11	04/16/09										Destroyed
MW-12	10/8/02	<0.001	<0.001	<0.001	<0.001						
MW-12	8/13/03	<0.001	<0.001	<0.001	<0.001						
MW-12	8/11/04	<0.001	<0.001	<0.001	<0.001				40.8	324	
MW-12	2/18/05	0.001 J	<0.001	<0.001	<0.001				45.2	378	
MW-12	12/20/05	<0.0005	<0.0007	<0.0008	<0.0008				41.3		

TABLE 2
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BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.01 mg/L*	*0.75 mg/L*	*0.75 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1000 mg/L*	
MW-12	4/11/06	0.0007 J	<0.0002	<0.0002	<0.0006				37.2		
MW-12	10/11/06	<0.0002	0.0002 J	<0.0002	<0.0006				103		
MW-12	4/26/07	<0.0002	<0.0002	<0.0002	<0.0006				41	263	
MW-12	10/22/07	0.0002 J	<0.0002	<0.0002	<0.0006				65.2		
MW-12	5/14/08	0.0009 J	<0.0002	0.0006 J	<0.0006				45.9		
MW-12	10/14/08	0.0002 J	0.0003 J	0.0002 J	<0.0006				49.2		
MW-12	4/16/09	0.066	0.0008 J	0.0028	0.0021 J				46.4		
MW-12	9/30/09	0.0045	0.0024	0.0006 J	0.0006 J				40.1		
MW-12	4/6/10	0.0005 J	<0.0002	<0.0002	<0.0006						
MW-12	10/6/10	0.0012	<0.0002	<0.0002	<0.0006						
MW-12	4/19/11	<0.00020	0.0043	<0.00020	<0.00070	<0.020	<0.020		45.5		
MW-12	10/19/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		46.3		
MW-12	4/25/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		45.1		
MW-12	11/12/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		38.5		
MW-12	4/23/13										NS--well damaged
MW-12	10/22/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-12	2/11/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-12	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-12	2/25/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	6.32	6.32			
MW-12	10/27/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-12	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-12	8/25/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-12	3/3/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-12	8/29/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-12	4/3/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50		529	
MW-12	8/29/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-12	1/31/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-12	12/18/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-13	10/8/02	0.065	<0.001	<0.001	<0.001						
MW-13	8/13/03	0.060	0.002	<0.001	<0.001						
MW-13	8/11/04	0.004	<0.001	<0.001	<0.001				62.0	400	
MW-13	2/18/05	0.003	<0.001	<0.001	<0.001				72.4	427	
MW-13	12/20/05	0.038	<0.0007	<0.0008	<0.0008				86.4		
MW-13	4/12/06	0.170	0.015	0.005	0.005				115		
MW-13	10/11/06	0.0039	<0.0002	<0.0002	<0.0006				103		
MW-13	5/3/07	0.031	0.0005 J	0.0008 J	0.0011 J				114	495	
MW-13	10/22/07										NS--obstructed
MW-13	5/20/08	0.380	0.0062	0.0049	0.004				112		
MW-13	10/20/08	0.028	0.0018	0.0003 J	0.0008 J				114		
MW-13	4/16/09	0.037	<0.0002	<0.0002	0.0007 J				112		
MW-13	9/30/09	0.025	0.0015	0.0007 J	0.0022 J				101		
MW-13	4/6/10	0.0030	0.0002 J	<0.0002	<0.0006						
MW-13	10/5/10	0.0042	<0.0002	<0.0002	<0.0006						
MW-13	4/20/11	<0.00020	0.0016	<0.00020	<0.00070	<0.020	<0.020		76.5		
MW-13	10/20/11	0.00139	<0.00200	<0.00100	<0.00100	<1.50	<1.50		75.0		
MW-13	4/26/12	0.00158	0.00288	<0.00100	<0.00100	<1.50	<1.50		81.1		
MW-13	11/7/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		76.7		
MW-13	4/25/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-13	10/24/13	0.0192	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-13	2/11/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-13	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-13	2/25/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-13	10/27/15	<0.00100	<0.00200	<0.00100		<1.41	<1.41	<1.41			
MW-13	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-13	8/25/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-13	3/1/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-13	8/30/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-13	4/4/18	0.00202	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-13	8/28/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-13	1/30/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.01 mg/L*	*0.75 mg/L*	*0.75 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1000 mg/L*	
MW-13	12/18/19	<0.00018	<0.00020	<0.00021	<0.000237	<1.50	<1.50	<1.50			
MW-14	10/9/02	3.63	0.014	0.098	0.187						
MW-14	8/13/03	1.65	0.014	0.165	0.260						
MW-14	8/11/04	0.786	0.0464	0.172	0.227				111	791	
MW-14	2/18/05	1.34	0.0378	0.159	0.178				103	916	
MW-14	12/20/05	2.80	0.049	0.750	0.670				82.1		
MW-14	4/12/06	0.93	0.053	0.055	0.053				30.7		
MW-14	10/12/06										NS
MW-14	4/30/07	0.880	0.005 J	0.200	0.280				29.8	669	
MW-14	10/23/07	0.77	0.0057	0.160	0.210				21.8		
MW-14	5/20/08	0.970	0.0067	0.180	0.210				20.1		
MW-14	10/20/08	1.50	0.027	0.220	0.270				26.2		
MW-14	4/16/09	0.86	0.0051	0.140	0.240				17.2		
MW-14	9/29/09	0.56	0.012	0.057	0.160				14.8		
MW-14	4/6/10	0.540	0.0042	0.083	0.180						
MW-14	10/6/10	0.170	0.028	0.0068	0.086						
MW-14	4/20/11	0.460	0.0022	0.00088 J	0.0035	1.04	0.69		31.4		
MW-14	10/19/11	1.48	<0.200	<0.100	<0.100	<1.50	1.560		55.9		
MW-14	4/26/12	0.487	<0.0400	<0.0200	<0.0200	<1.50	<1.50		55.8		
MW-14	11/7/12	0.104	<0.00200	<0.00100	<0.00100	<1.50	<1.50		69.7		
MW-14	4/25/13	0.203	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-14	10/24/13	0.162	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-14	2/13/14	0.128	<0.00200	<0.00100	0.00300	<1.50	<1.50	<1.50			
MW-14	10/29/14	0.00813	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-14	3/2/15	0.0194	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-14	10/28/15	0.0186	<0.00200	<0.00100	<0.00100	<1.41	<2.13	<2.13			
MW-14	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	1.9	<1.41	1.9			
MW-14	8/24/16	0.00676	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-14	3/1/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-14	8/31/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-14	4/4/18	0.00766	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-14	8/28/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-14	1/30/19	0.00904	<0.00200	<0.00200	<0.00200	0.002	<1.50	<1.50			
MW-14	12/19/19	0.001	<0.00020	<0.00021	0.00080 J	<1.50	<1.50	<1.50			
MW-15	10/9/02	<0.001	<0.001	<0.001	<0.001						
MW-15	8/13/03	<0.001	<0.001	<0.001	<0.001						
MW-15	8/12/04	<0.001	<0.001	<0.001	<0.001				60.3	450	
MW-15	2/18/05	<0.001	<0.001	<0.001	<0.001				78.0	462	
MW-15	12/20/05	0.006	<0.0007	0.003 J	0.002 J				79.2		
MW-15	4/12/06	0.58	0.054	0.018	0.016				54.8		
MW-15	10/11/06	0.034	<0.0002	0.0008 J	<0.0006				91.6		
MW-15	4/30/07	0.0005 J	<0.0002	<0.0002	<0.0006				94.7	433	
MW-15	10/23/07	0.0011	<0.0002	<0.0002	<0.0006				88.3		
MW-15	5/19/08	<0.0002	<0.0002	0.0003 J	<0.0006				99.5		
MW-15	10/14/08	0.0012	0.0021	0.0007 J	0.0016 J				78.6		
MW-15	4/15/09	<0.0002	<0.0002	<0.0002	<0.0006				79.7		
MW-15	9/29/09	0.0065	0.0030	0.0007 J	0.0008 J				84.0		
MW-15	4/5/10	0.0082	0.0003 J	<0.0002	0.0007 J						
MW-15	10/5/10	0.029	<0.0002	<0.0002	0.0011 J						
MW-15	4/26/11	<0.0010	<0.0010	<0.0010	<0.0030	<0.0500	<0.050		95.1		
MW-15	10/19/2011	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		70.8		
MW-15	4/25/2012	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		78.1		
MW-15	11/8/2012	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		76.6		
MW-15	4/24/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-15	10/23/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-15	2/12/14	0.00134	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-15	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-15	2/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-15	10/28/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		***0.01 mg/L***	***0.75 mg/L***	***0.75 mg/L***	***0.62 mg/L***	***---***	***---***	***---***	***250 mg/L***	***1000 mg/L***	
MW-15	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-15	8/24/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-15	3/2/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-15	8/31/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-15	4/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-15	9/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-15	1/30/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-15	12/19/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-16	10/23/03	<0.001	<0.001	<0.001	<0.001				60.3	381	
MW-16	8/12/04	<0.001	<0.001	<0.001	<0.001				56.6	346	
MW-16	2/18/05	<0.001	<0.001	<0.001	<0.001				60.0	596	
MW-16	12/20/05	0.007	<0.0007	0.002 J	0.001 J				48.3		
MW-16	4/12/06	0.11	0.024	0.011	0.010				33.3		
MW-16	10/11/06	0.064	<0.0002	0.001	0.0006 J				49.3		
MW-16	4/26/07	0.001 J	<0.0002	<0.0002	<0.0006				59.5	176	
MW-16	10/23/07	<0.0002	<0.0002	<0.0002	<0.0006				46.4		
MW-16	5/19/08	0.0007 J	<0.0002	0.0004 J	<0.0006				53.6		
MW-16	10/14/08	0.0007 J	0.0025	0.0005 J	0.0012 J				57.1		
MW-16	4/15/09	<0.0002	<0.0002	<0.0002	<0.0006				49.1		
MW-16	9/29/09	0.0094	0.0037	0.0007 J	0.0008 J				51.8		
MW-16	4/5/10	<0.0002	<0.0002	<0.0002	<0.0006						
MW-16	10/5/10	<0.0002	<0.0002	<0.0002	<0.0006						
MW-16	4/19/11	<0.00020	0.0030	<0.00020	<0.00070	<0.020	<0.020		53.1		
MW-16	10/18/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	1.64		53.6		
MW-16	4/24/12	<0.00100	0.00333	<0.00100	<0.00100	<1.50	<1.50		84.1		
MW-16	11/7/12	<0.00100	<0.00200	<0.00100	0.00600	<1.50	<1.50		53.7		
MW-16	4/24/13	<0.00100	<0.00200	<0.00100	0.00600	<1.50	<1.50				
MW-16	10/22/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-16	2/12/14	0.00431	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-16	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-16	2/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-16	10/27/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-16	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-16	8/24/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-16	2/28/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-16	8/30/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-16	4/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-16	9/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-16	2/1/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-16	12/19/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-17	10/23/03	<0.001	<0.001	<0.001	<0.001				292	1,090	
MW-17	8/12/04	<0.001	<0.001	<0.001	<0.001				230	894	
MW-17	2/18/05	<0.001	<0.001	<0.001	<0.001				160	758	
MW-17	12/20/05	0.053	<0.004	<0.004	<0.004				116		
MW-17	4/12/06	0.5	0.07	0.012	0.013				55.4		
MW-17	10/11/06	0.17	<0.0002	0.0024	0.0014 J				154		
MW-17	4/30/07	0.001	<0.0002	<0.0002	<0.0006				145	668	
MW-17	10/23/07	0.0029	<0.0002	<0.0002	<0.0006				117		
MW-17	5/19/08	0.0005 J	<0.0002	0.0003 J	<0.0006				133		
MW-17	10/14/08	0.0007 J	0.0022	0.0005 J	0.0012 J				144		
MW-17	4/15/09	<0.0002	<0.0002	<0.0002	<0.0006				77.2		
MW-17	9/29/09	0.0081	0.0034	0.0008 J	0.0012 J				46.3		
MW-17	4/5/10	0.270	<0.0002	0.0005 J	0.0080						
MW-17	10/5/10	1.300	<0.0002	0.0017	0.021						
MW-17	4/26/11	0.220	<0.0010	<0.0010	<0.0030	<0.0500	<0.050		33.4		
MW-17	10/20/11	0.127	<0.00200	<0.00100	<0.00100	<1.50	1.87		28.2		
MW-17	4/26/12	0.203	<0.0400	<0.0200	<0.0200	<1.50	<1.50		30.6		
MW-17	11/7/12	0.243	<0.00200	<0.00100	0.00261	<1.50	<1.50		34.3		
MW-17	4/25/13	6.980	<0.20000	<0.10000	<0.10000	<8.20	<1.50				

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BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.01 mg/L*	*0.75 mg/L*	*0.75 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1000 mg/L*	
MW-17	10/24/13	12.1	<0.100	<0.0500	0.0710	11.1	<1.50	<11.10			
MW-17	2/14/14	19.8	<0.100	<0.0500	0.0500	20.9	<1.50	20.9			
MW-17	10/30/14	22.3	<0.200	<0.100	<0.100	24.7	<1.48	24.7			
MW-17	3/3/15	23.8	<0.200	<0.100	<0.101	29.9	<1.50	29.9			
MW-17	10/28/15	18.8	<0.100	<0.128	0.5890	27.4	<1.41	27.4			
MW-17	3/2/16	0.279	<0.00200	<0.00100	<0.00100	13.9	<1.41	13.9			
MW-17	8/24/16	0.0927	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-17	3/1/17	0.336	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-17	8/30/17	4.32	<0.100	<0.100	<0.100	<1.50	<1.50	<1.50			
MW-17	4/4/18	2.50	<0.00200	<0.00200	<0.00200	5.23	<1.50	5.23			
MW-17	9/4/18	0.463	<0.0400	<0.0400	<0.0400	<1.50	<1.50	<1.50			
MW-17	1/31/19	2.22	0.00041	<0.00200	0.00071	4.00	<1.50	<1.50			
MW-17	12/19/19	6.9	0.00040	0.0076 J	0.016 J	23.00	<1.50	23			
MW-18	10/23/03	0.07	<0.001	<0.001	<0.001				81.5	637	
MW-18	8/11/04	0.307	<0.001	<0.001	0.001				92.2	641	
MW-18	2/18/05	0.430	<0.001	<0.001	<0.001				98.2	782	
MW-18	12/20/05	0.530	<0.0007	0.005	0.010				102		
MW-18	4/12/06	0.180	0.017	0.015	0.016				89.2		
MW-18	10/12/06	0.042	<0.0002	<0.0002	<0.0006				104		
MW-18	4/30/07	0.180	<0.0002	<0.0002	0.0013 J				105	665	
MW-18	10/23/07	0.260	<0.0002	<0.0002	0.0014 J				92.5		
MW-18	5/19/08	0.460	0.011	0.0098	0.008				110		
MW-18	10/20/08	0.110	0.0005 J	0.0009 J	0.0018 J				115		
MW-18	4/16/09	0.140	0.0013	0.0037	0.0028 J				97.1		
MW-18	9/30/09	0.0099	0.0029	0.0007 J	0.0008 J				100		
MW-18	4/6/10	0.0045	<0.0002	<0.0002	<0.0006						
MW-18	10/6/10	0.0015	<0.0002	<0.0002	<0.0006						
MW-18	4/19/11	<0.00020	0.0030	<0.00020	<0.00070	<0.020	<0.020		73.9		
MW-18	10/19/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		48.0		
MW-18	4/25/12	<0.00100	0.00310	<0.00100	<0.00100	<1.50	<1.50		105		
MW-18	11/7/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		68.7		
MW-18	4/24/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-18	10/22/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-18	2/12/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-18	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-18	2/25/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-18	10/27/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-18	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-18	8/24/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-18	3/1/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-18	8/31/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-18	4/4/18	0.00506	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-18	8/28/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-18	1/29/19	0.00043	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-18	12/18/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-19	10/22/03	1.99	0.334	0.089	0.115				62.0	554	
MW-19	8/9/04	11.7	2.9	0.408	0.387				44.3	492	
MW-19	2/18/05	10.8	2.16	0.183	0.145				56.6	369	
MW-19	12/21/05	23.0	5.4	0.850	0.930				36.7		
MW-19	4/11/06	16.0	2.4	0.320	0.360				52.8		
MW-19	10/12/06	11.0	2.0	0.350	0.400				53.6		
MW-19	5/1/07	13.0	2.0	0.370	0.440				64.2	377	
MW-19	10/24/07	11.0	1.1	0.350	0.430				62.2		
MW-19	5/8/08										NS--LNAPL
MW-19	10/08/08										NS--LNAPL
MW-19	04/16/09										NS--LNAPL
MW-19	9/28/09										NS--LNAPL
MW-19	4/5/10										NS--LNAPL
MW-19	10/5/10										NS--LNAPL

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.01 mg/L*	*0.75 mg/L*	*0.75 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1000 mg/L*	
MW-19	4/18/11										NS--LNAPL
MW-19	10/18/11										NS--LNAPL
MW-19	4/23/12										NS--LNAPL
MW-19	11/5/12										NS--LNAPL
MW-19	4/23/13										NS--LNAPL
MW-19	10/22/13										NS--LNAPL
MW-19	2/11/14										NS--LNAPL
MW-19	10/27/14										NS--LNAPL
MW-19	2/24/15										NS--LNAPL
MW-19	10/26/15										NS--LNAPL
MW-19	2/29/16										NS--LNAPL
MW-19	8/22/16										NS--LNAPL
MW-19	3/3/17										NS--LNAPL
MW-19	8/30/17										NS--LNAPL
MW-19	4/3/18										NS--LNAPL
MW-19	8/27/18										NS--LNAPL
MW-19	1/29/19										NS--LNAPL
MW-19	12/19/19										NS--LNAPL
MW-20	10/23/03	<0.001	<0.001	<0.001	<0.001				42.5	441	
MW-20	8/11/04	<0.001	<0.001	<0.001	<0.001				21.3	349	
MW-20	2/18/05	<0.001	<0.001	<0.001	<0.001				21.1	446	
MW-20	12/20/05	0.004 J	<0.0007	0.001 J	0.0008 J				18.2		
MW-20	4/11/06	0.0004 J	<0.0002	<0.0002	<0.0006				17.4		
MW-20	10/11/06	0.0005 J	<0.0002	<0.0002	<0.0006				21.7		
MW-20	4/26/07	<0.0002	<0.0002	<0.0002	<0.0006				19.1	322	
MW-20	10/22/07	<0.0002	<0.0002	<0.0002	<0.0006				17.2		
MW-20	5/14/08	0.0037	<0.0002	0.0012	<0.0006				17.5		
MW-20	10/15/08	0.0004 J	0.0004 J	<0.0002	<0.0006				19.1		
MW-20	4/16/09	0.04	0.0006 J	0.0021	0.0016 J				18.3		
MW-20	9/28/09	0.0086	0.0034	0.0007 J	0.0008 J				16.5		
MW-20	4/6/10	0.0011	<0.0002	<0.0002	<0.0006						
MW-20	10/6/10	0.0022	<0.0002	<0.0002	<0.0006						
MW-20	4/19/11	<0.00020	0.0039	<0.00020	<0.00070	<0.020	<0.020		15.6		
MW-20	10/20/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		15.6		
MW-20	4/25/12	<0.00100	0.00452	<0.00100	<0.00100	<1.50	<1.50		16.5		
MW-20	11/9/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		13.3		
MW-20	4/25/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-20	10/23/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-20	2/13/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-20	10/29/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-20	2/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-20	10/28/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-20	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-20	8/26/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-20	3/2/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-20	8/30/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-20	4/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-20	9/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-20	1/30/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-20	12/18/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-21	10/23/03	<0.001	<0.001	<0.001	<0.001				40.8	455	
MW-21	8/12/04	<0.001	<0.001	<0.001	<0.001				31.9		
MW-21	2/18/05	<0.001	<0.001	<0.001	<0.001				35.4	405	
MW-21	12/21/05	0.01	<0.0007	0.002 J	0.002 J				43.7		
MW-21	4/12/06	0.02	0.010	0.004	0.004				22.0		
MW-21	10/12/06	0.30	0.140	0.026	0.029				38.7		
MW-21	4/30/07	<0.0002	<0.0002	<0.0002	<0.0006				20.3	306	
MW-21	10/23/07	<0.0002	<0.0002	<0.0002	<0.0006				20.6		
MW-21	5/19/08	0.0018	<0.0002	0.0006 J	<0.0006				26.8		

TABLE 2
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BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		***0.01 mg/L***	***0.75 mg/L***	***0.75 mg/L***	***0.62 mg/L***	***---***	***---***	***---***	***250 mg/L***	***1000 mg/L***	
MW-21	10/20/08	0.0098	0.0027	0.0002 J	<0.0006				22.3		
MW-21	4/21/09	0.031	0.0009 J	0.0022	0.0018 J				19.1		
MW-21	9/28/09										NS--construction
MW-21	4/5/10										NS--construction
MW-21	10/6/10	0.0007 J	<0.0002	<0.0002	<0.0006						
MW-21	4/21/11	<0.00020	0.0023	<0.00020	<0.00070	<0.020	<0.020		37.7		
MW-21	10/18/11										NS--Chevron Alarm
MW-21	4/24/12	<0.00100	0.00424	<0.00100	<0.00100	<1.50	<1.50		69.4		
MW-21	11/8/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		63.8		
MW-21	4/25/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-21	10/23/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-21	2/12/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-21	10/29/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-21	3/2/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-21	10/27/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-21	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-21	8/25/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-21	3/2/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-21	8/31/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-21	4/3/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-21	9/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50	252	683	
MW-21	1/31/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50	263	972	
MW-21	12/17/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50	240 B	1100	
MW-22	10/23/07	0.0005 J	<0.0002	<0.0002	<0.0006				172		
MW-22	5/19/08	0.0008 J	<0.0002	0.0004 J	<0.0006				171		
MW-22	10/14/08	0.0021	0.003	0.0018	0.004				185		
MW-22	4/15/09	0.0003 J	<0.0002	<0.0002	<0.0006				353		
MW-22	9/28/09	0.0046	0.0023	0.0006 J	0.0007 J				249		
MW-22	4/5/10	0.0027	0.0002 J	<0.0002	<0.0006						
MW-22	10/5/10	0.012	<0.0002	<0.0002	0.0007 J						
MW-22	4/21/11	<0.00020	0.0028	<0.00020	<0.00070	<0.020	<0.020		544		
MW-22	10/18/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		396		
MW-22	4/25/12	<0.00100	0.00447	<0.00100	<0.00100	<1.50	<1.50		401		
MW-22	11/8/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		263		
MW-22	4/25/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		116		
MW-22	10/22/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-22	10/23/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		164		
MW-22	2/12/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50	242		
MW-22	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48	350		
MW-22	2/25/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-22	10/27/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-22	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-22	8/24/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50	85.8	452	
MW-22	2/28/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50	253	792	
MW-22	8/30/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50	753	2420	
MW-22	4/3/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50		836	
MW-22	9/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-22	2/1/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-22	12/19/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-23	10/23/07	0.0002 J	<0.0002	<0.0002	<0.0006				108		
MW-23	5/15/08	0.0041	<0.0002	0.0006 J	<0.0006				60.5		
MW-23	10/14/08	0.0027	0.0046	0.0009 J	0.0021 J				66.8		
MW-23	4/14/09	<0.0002	<0.0002	<0.0002	<0.0006				73.2		
MW-23	9/28/09	0.011	0.004	0.0009 J	0.001 J				107		
MW-23	4/5/10	<0.0002	0.0004 J	<0.0002	<0.0006						
MW-23	10/5/10	<0.0002	<0.0002	<0.0002	<0.0006						
MW-23	4/19/11	<0.00020	0.0034	<0.00020	<0.00070	<0.020	<0.020		75.5		
MW-23	10/18/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		110		
MW-23	4/25/12	<0.00100	0.00380	<0.00100	<0.00100	<1.50	<1.50		130		

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BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.01 mg/L*	*0.75 mg/L*	*0.75 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1000 mg/L*	
MW-23	11/8/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		151		
MW-23	4/24/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-23	10/22/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-23	2/12/14	0.01970	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-23	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-23	2/25/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-23	10/27/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-23	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-23	8/24/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-23	3/2/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-23	8/30/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-23	4/3/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-23	9/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-23	2/1/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-23	12/19/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-24	10/22/07	0.0026	<0.0002	<0.0002	<0.0006				80.4		
MW-24	5/15/08	0.023	<0.0002	0.0007 J	<0.0006				28.8		
MW-24	10/15/08	0.002	0.0003 J	<0.0002	<0.003				33.4		
MW-24	4/16/09	0.079	0.0009 J	0.0028	0.0022 J				30		
MW-24	9/28/09	0.0067	0.0024	0.0006 J	0.0007 J				28.5		
MW-24	4/6/10	0.590	0.028	0.037	0.022						
MW-24	10/6/10	0.0030	<0.0002	<0.0002	<0.0006						
MW-24	4/20/11	<0.00020	0.0024	<0.00020	<0.00070	<0.020	<0.020		61.6		
MW-24	10/19/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		59.5		
MW-24	4/25/12	<0.00100	0.00302	<0.00100	<0.00100	<1.50	<1.50		87.4		
MW-24	11/9/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		89.6		
MW-24	4/24/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-24	10/23/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-24	2/13/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-24	10/29/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-24	2/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-24	10/28/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-24	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-24	8/26/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-24	3/3/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-24	8/30/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-24	4/4/18	0.00289	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-24	9/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-24	1/30/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-24	12/17/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-25	6/4/15	<0.00100	<0.00200	<0.00100	<0.00100	--	--	<0			
MW-25	10/28/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-25	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-25	8/26/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-25	3/2/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-25	8/30/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-25	4/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-25	9/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-25	1/30/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-25	12/18/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-26	6/4/15	0.11200	<0.00200	<0.00149	<0.00900	--	--	<0			
MW-26	10/29/15	0.03420	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-26	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-26	8/25/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-26	3/2/17	0.01580	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-26	8/30/17	0.00639	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-26	4/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-26	9/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		***0.01 mg/L***	***0.75 mg/L***	***0.75 mg/L***	***0.62 mg/L***	***---***	***---***	***---***	***250 mg/L***	***1000 mg/L***	
MW-26	1/30/19	0.00112	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-26	12/17/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
EW-1	10/4/10										NS--LNAPL
EW-1	4/18/11										NS--LNAPL
EW-1	10/18/11										NS--LNAPL
EW-1	4/23/12										NS--LNAPL
EW-1	11/5/12										NS--LNAPL
EW-1	4/23/13										NS--LNAPL
EW-1	10/22/13										NS--LNAPL
EW-1	2/11/14										NS--LNAPL
EW-1	10/27/14										NS--LNAPL
EW-1	2/24/15										NS--LNAPL
EW-1	10/26/15										NS--LNAPL
EW-1	2/29/16										NS--LNAPL
EW-1	8/23/16	0.451	0.0108	0.0342	0.0694	2.29	2.11	4.40			
EW-1	3/3/17	0.379	0.00957	0.0202	0.0384	3.93	2.98	6.91			
EW-1	8/30/17										NS--LNAPL
EW-1	4/3/18										NS--LNAPL
EW-1	8/27/18										NS--LNAPL
EW-1	1/29/19										NS--LNAPL
EW-1	12/19/19										NS--LNAPL
TW-11	4/5/10	<0.00020	<0.0002	<0.0002	<0.0006						
TW-11	10/5/10	<0.00020	<0.0002	<0.0002	<0.0006						
TW-11	4/19/11	<0.00020	0.0035	<0.00020	<0.00070	<0.020	<0.020		90.1		
TW-11	10/19/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		28.7		
TW-11	4/26/12	<0.00100	0.00296	<0.00100	<0.00100	<1.50	<1.50		30.4		
TW-11	11/6/2012	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		28.1		
TW-11	4/24/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
TW-11	10/22/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
TW-11	2/11/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
TW-11	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
TW-11	3/2/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
TW-11	10/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
TW-11	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
TW-11	8/25/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-11	2/28/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-11	8/29/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-11	4/3/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-11	8/28/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-11	1/31/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-11	12/18/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
TW-13	4/5/10	<0.0002	<0.0002	<0.0002	<0.0006						
TW-13	10/4/10	<0.0002	<0.0002	<0.0002	<0.0006						
TW-13	4/19/11	<0.00020	0.0036	<0.00020	<0.00070	<0.020	<0.020		94.8		
TW-13	10/18/11	0.0311	<0.00200	<0.00100	<0.00100	<1.50	1.69		90.2		
TW-13	4/26/12	<0.00100	0.00339	<0.00100	<0.00100	<1.50	<1.50		83.0		
TW-13	11/7/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		64.8		
TW-13	4/24/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
TW-13	10/22/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
TW-13	3/2/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
TW-13	10/27/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.40	<1.40	<1.40			
TW-13	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
TW-13	8/25/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-13	2/28/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-13	8/31/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-13	4/4/18	0.00292	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-13	8/28/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-13	1/29/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		***0.01 mg/L***	***0.75 mg/L***	***0.75 mg/L***	***0.62 mg/L***	***---***	***---***	***---***	***250 mg/L***	***1000 mg/L***	
TW-13	12/18/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
TW-20	11/6/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		53.5		
TW-20	4/24/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
TW-20	10/22/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
TW-20	3/2/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
TW-20	10/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.40	<1.40	<1.40			
TW-20	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
TW-20	8/25/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-20	2/28/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-20	8/29/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-20	4/3/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-20	8/28/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-20	12/18/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
TW-20	Plugged & Abandon- April 2020										
Dup-1 (MW-24)	4/16/09	0.077	0.0009 J	0.0028	0.0022 J				29.7		
Dup-2 (MW-3)	4/16/09	0.46	0.067	0.011	0.019				51.5		
Dup-100 (MW-18)	9/30/09	0.0096	0.0030	0.0007 J	0.0008 J				97.6		
Dup-200 (MW-4)	9/30/09	17.00	0.110	0.310	0.140 J				56.7		
Dup-100 (MW-12)	4/6/10	0.0005 J	<0.0002	<0.0002	<0.0006						
Dup-101 (MW-4)	4/6/10	25.000	0.500	0.460	0.220 J						
Dup-1 (MW-20)	10/6/10	0.0023	<0.0002	<0.0002	<0.0006						
Dup-2 (MW-1)	10/7/10	3.400	0.0032 J	0.0011 J	<0.0030						
DUP1 (MW-12)	4/19/11	<0.00020	0.0042	<0.00020	<0.00070	<0.020	<0.020		43.1		
DUP2 (MW-10)	4/20/11	<0.00020	0.0021	<0.00020	<0.00070	<0.020	<0.020		43.3		
Dup-1 (MW-16)	10/18/11	0.00105	<0.00200	<0.00100	<0.00100	<1.50	1.85		56.3		
Dup-2 (MW-4)	10/20/11	21.8	<0.0500	0.0750	0.0560	20.2	2.16		77.3		
Trip Blank	10/18/11	<0.00100	<0.00200	<0.00100	<0.00100						
Dup-04 (MW-20)	4/25/12	<0.00100	0.00445	<0.00100	<0.00100	<1.50	<1.50		16.5		
Trip Blank	4/25/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
Dup-2 (MW-4)	4/26/12	17.0	<0.00100	<0.250	<0.250	15.7			77.0		
Dup1 (TW-20)	11/6/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
Dup2 (TW-13)	11/7/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
Trip Blank	11/9/12	<0.00100	<0.00200	<0.00100	<0.00100						
Dup-1 (MW-10)											
Dup-2 (MW-1)											
Dup-1	4/24/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
Dup-2	4/25/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
Dup03	4/25/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
Trip Blank	4/25/2013	<0.00100	<0.00200	<0.00100	<0.00100						
Dup1 (MW-10)	10/23/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
Dup2 (MW-1)	10/24/13	6.10	<0.0400	<0.0200	0.0366	6.38	<1.50	6.38			
Trip Blank	10/24/13	<0.00100	<0.00200	<0.00100	<0.00100						
Dup1 (MW-13)	2/10/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
Dup2 (MW-5)	2/12/14	0.05590	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
Dup3 (MW-17)	2/14/14	18.80000	<0.10000	<0.05000	<0.05000	21.6	<1.50	21.6			
Trip Blank	2/14/14	<0.00100	<0.00200	<0.00100	<0.00100						
Dup1 (MW-18)	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
Dup2 (MW-17)	10/30/14	23.4	<0.200	<0.100	<0.100	28.1	<1.48	28.1			
Dup1 (MW-16)	2/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
Dup2 (MW-7)	2/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
Dup3 (MW-2)	3/3/15	0.0922	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
Dup2 (MW-7)	2/26/15	<0.00100	<0.0020	<0.00100	<0.00100	<1.50	<1.50	<1.50			
Dup1 (MW-16)	2/26/15	<0.00100	<0.0020	<0.00100	<0.00100	<1.50	<1.50	<1.50			
Dup-1 (MW-16)	10/27/15	<0.00100	<0.0020	<0.00100	<0.00100	<1.41	<1.41	<1.41			
Dup-1 (MW-16)	10/27/15	<0.00100	<0.0020	<0.00100	<0.00100	<1.41	<1.41	<1.41			
DUP-2 (MW-26)	10/29/15	0.0397	<0.0020	<0.00100	<0.00100	<1.41	<1.41	<1.41			
Dup-1 (MW-23)	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
Dup-2 (MW-26)	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
Dup-3 (MW-1)	3/3/16	1.23	<0.0400	<0.0200	<0.0200	2.25	<1.41	2.25			

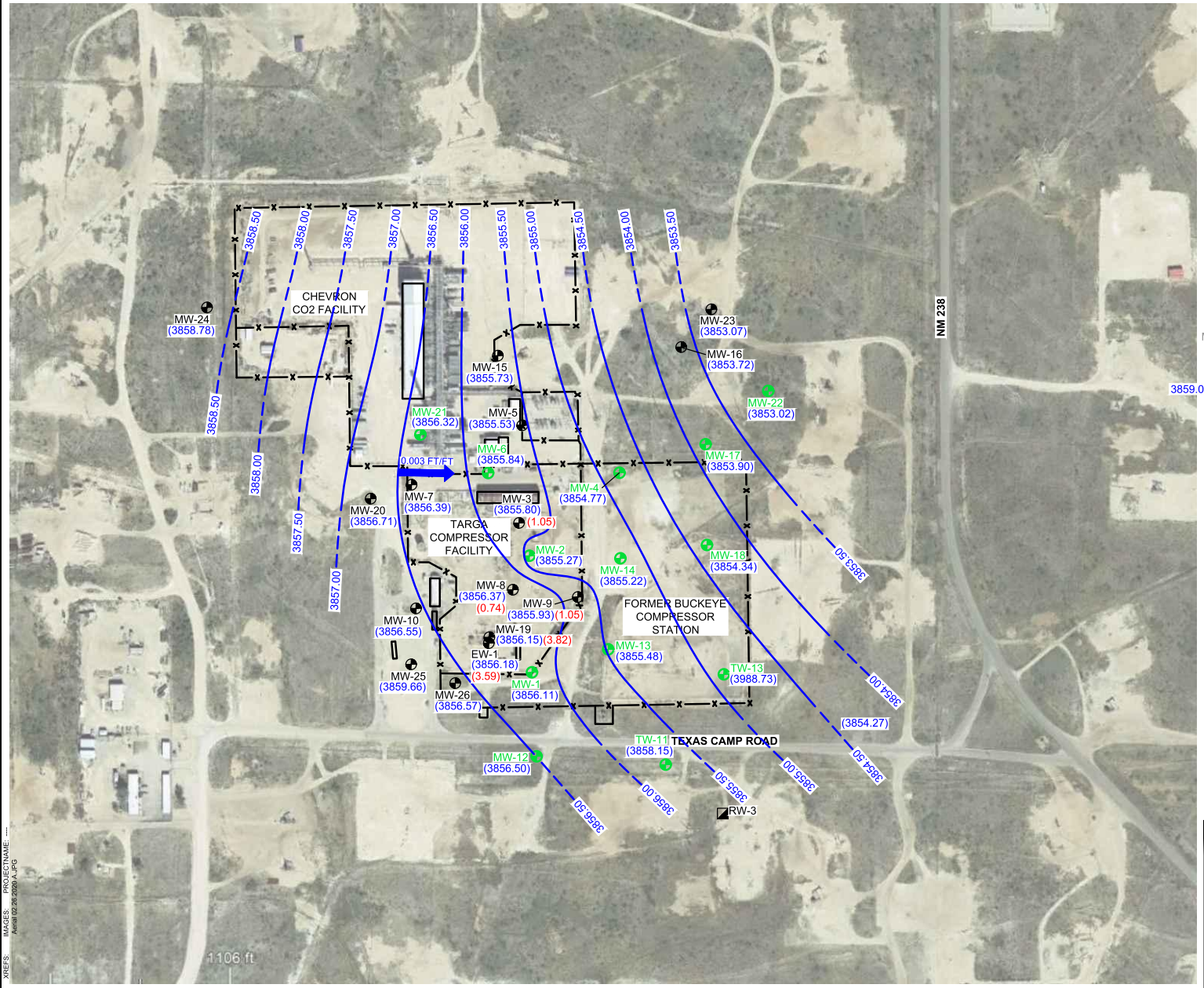
TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		***0.01 mg/L***	***0.75 mg/L***	***0.75 mg/L***	***0.62 mg/L***	***---***	***---***	***---***	***250 mg/L***	***1000 mg/L***	
Dup-1 (MW-23)	8/24/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup-2 (MW-20)	8/26/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup-3 (MW-25)	8/26/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup-1 (MW-23)	3/2/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup-2 (MW-24)	3/3/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup-3 (MW-12)	3/3/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-5)	8/31/17	0.0993	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-6)	9/1/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (TW-20)	8/29/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-15)	4/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-25)	4/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-7)	4/6/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-7)	8/29/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-15)	9/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-24)	9/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-4)	12/19/19	12.00	<0.0040	0.044	0.030 J	33.00	0.19 J H	<0.26			
Dup (MW-14)	1/30/19	0.002	0.002	0.002	0.002	<1.50	<1.50	<1.50			
Dup (MW-23)	2/1/19	0.002	0.002	0.002	0.002	<1.50	<1.50	<1.50			
Dup (TW-20)	1/31/19	0.002	0.002	0.002	0.002	<1.50	<1.50	<1.50			

NOTES:
NMWQCC - New Mexico Water Quality Control Commission
mg/L - milligrams per liter
NA - Not Analyzed
J - Reported as an estimate
Cells shaded yellow indicate that concentration exceeds NMWQCC standard.Not sampled due to presence of LNAPL .
LNAPL - low density non-aqueous liquids.
NS - Not sampled

FIGURES



N

LEGEND:

—x—x—	FENCE LINE
MW-9	MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION TO BE SAMPLED DURING REDUCED EVENT
RW-1	RECOVERY WELL LOCATION
	ABANDONED (PLUGGED) WELL LOCATION
MW-11	DESTROYED WELL LOCATION
(3858.78)	GROUNDWATER ELEVATION IN FEET (FT)
3859.00	GROUNDWATER ELEVATION CONTOUR (INTERVAL = 0.5 FT)
	APPROXIMATE DIRECTION OF GROUNDWATER FLOW
0.003 FT/FT	APPROXIMATE HYDRAULIC GRADIENT (FEET/FOOT)
(3.59)	LNAPL THICKNES IN FEET (FT)

NOTES:

1. WELLS TW-11, TW-13, AND MW-25 WERE NOT USED DUE TO ANOMALOUS DATA.
2. GROUNDWATER ELEVATIONS ARE FROM MEASUREMENTS OBTAINED ON DECEMBER 16, 2019.
3. MONITORING WELLS HIGHLIGHTED GREEN ARE PROPOSED TO BE SAMPLED DURING REDUCED SAMPLING EVENT (ONE SEMI-ANNUAL EVENT)

0 300' 600'

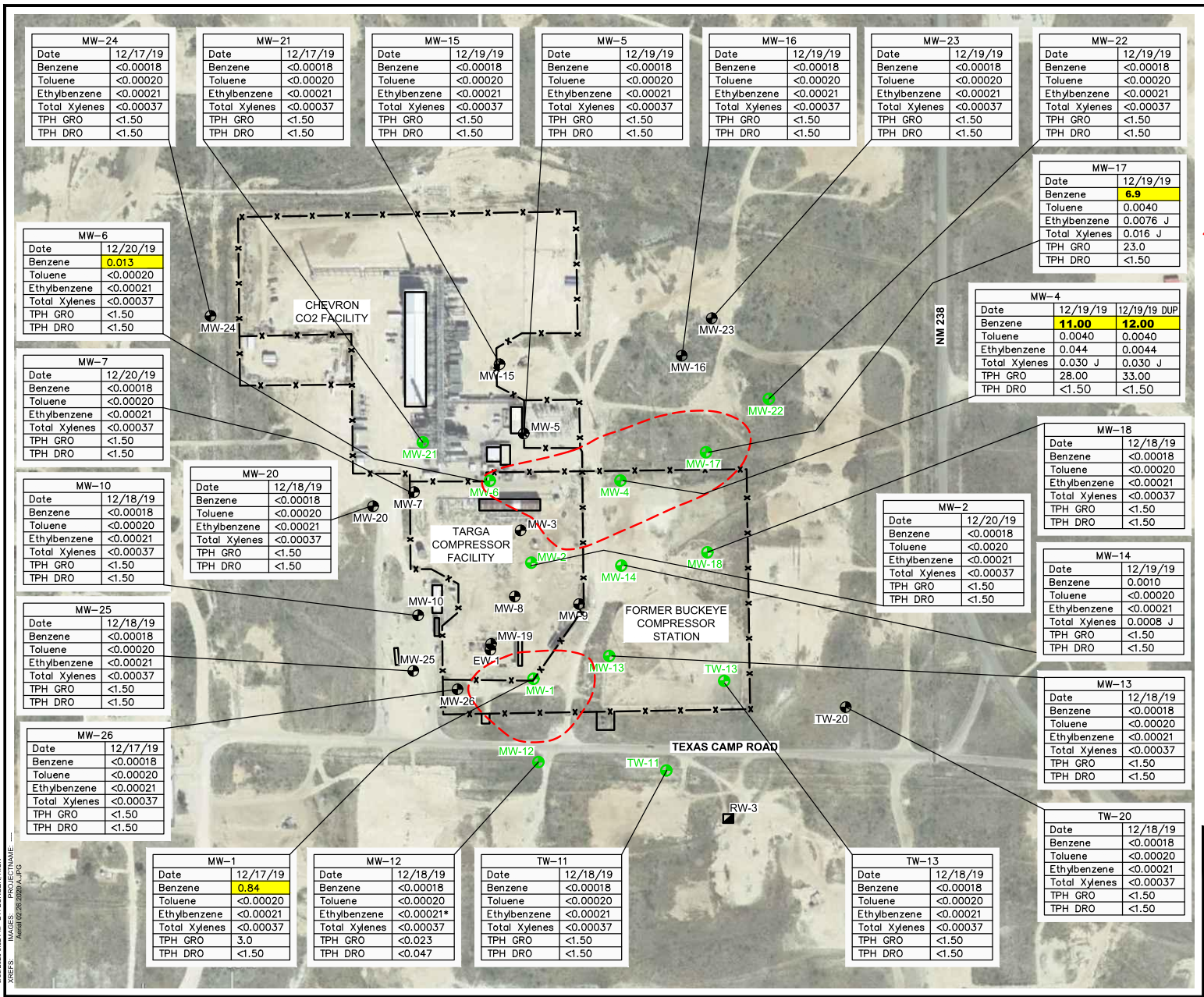
Approximate Scale: 1 in. = 300 ft.

CHEVRON ENVIRONMENT MANAGEMENT COMPANY
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

POTENTIOMETRIC SURFACE MAP DECEMBER 2019

ARCADIS

FIGURE 1



MW-24	
Date	12/17/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

MW-21	
Date	12/17/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

MW-15	
Date	12/19/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

MW-5	
Date	12/19/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

MW-16	
Date	12/19/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

MW-23	
Date	12/19/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

MW-22	
Date	12/19/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

MW-17	
Date	12/19/19
Benzene	**6.9**
Toluene	0.0040
Ethylbenzene	0.0076 J
Total Xylenes	0.016 J
TPH GRO	23.0
TPH DRO	<1.50

MW-6	
Date	12/20/19
Benzene	0.013
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

MW-4		
Date	12/19/19	12/19/19 DUP
Benzene	**11.00**	**12.00**
Toluene	0.0040	0.0040
Ethylbenzene	0.044	0.0044
Total Xylenes	0.030 J	0.030 J
TPH GRO	28.00	33.00
TPH DRO	<1.50	<1.50

MW-7	
Date	12/20/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

MW-18	
Date	12/18/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

MW-20	
Date	12/18/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

MW-2	
Date	12/20/19
Benzene	<0.00018
Toluene	<0.0020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

MW-10	
Date	12/18/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

MW-14	
Date	12/19/19
Benzene	0.0010
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	0.0008 J
TPH GRO	<1.50
TPH DRO	<1.50

MW-25	
Date	12/18/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

MW-13	
Date	12/18/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

MW-26	
Date	12/17/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

TW-20	
Date	12/18/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

MW-1	
Date	12/17/19
Benzene	0.84
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	3.0
TPH DRO	<1.50

MW-12	
Date	12/18/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021*
Total Xylenes	<0.00037
TPH GRO	<0.023
TPH DRO	<0.047

TW-11	
Date	12/18/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

TW-13	
Date	12/18/19
Benzene	<0.00018
Toluene	<0.00020
Ethylbenzene	<0.00021
Total Xylenes	<0.00037
TPH GRO	<1.50
TPH DRO	<1.50

LEGEND:

- FENCE LINE
- MONITORING WELL LOCATION
- MONITORING WELL LOCATION TO BE SAMPLED DURING REDUCED EVENT
- RECOVERY WELL LOCATION
- ABANDONED (PLUGGED) WELL LOCATION
- DESTROYED WELL LOCATION
- ESTIMATED EXTENT OF DISSOLVED PHASE PLUME EXCEEDING NMWQCC STANDARDS
- B — DISSOLVED BENZENE (mg/L)
- T — DISSOLVED TOLUENE (mg/L)
- E — DISSOLVED ETHYLBENZENE (mg/L)
- X — DISSOLVED XYLENES (mg/L)
- TPH-GRO — DISSOLVED TOTAL PETROLEUM HYDROCARBONS GASOLINE RANGE ORGANICS (C6-C10) (mg/L)
- TPH-DRO — DISSOLVED TOTAL PETROLEUM HYDROCARBONS GASOLINE RANGE ORGANICS (C10-C28) (mg/L)
- LNAPL — LIGHT NON-AQUEOUS PHASE LIQUID
- NS — NOT SAMPLED

Analyte	NMWQCC Standards for Groundwater (mg/L)
Benzene	0.01
Toluene	0.75
Ethylbenzene	0.75
Total Xylenes	0.62
TPH GRO	No Standard
TPH DRO	No Standard

NOTES:
1. MONITORING WELLS HIGHLIGHTED GREEN ARE PROPOSED TO BE SAMPLED DURING REDUCED SAMPLING EVENT (ONE SEMI-ANNUAL EVENT)

N

0 300' 600'

Approximate Scale: 1 in. = 300 ft.

CHEVRON ENVIRONMENT MANAGEMENT COMPANY
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

PROPOSED GROUNDWATER MONITORING REDUCTION PLAN

ARCADIS

FIGURE 2

Appendix C

Field Methodology

FIELD METHODOLOGY

Groundwater Sampling

Field equipment was decontaminated with an Alconox™ wash and distilled water rinse before beginning field activities and between wells.

Prior to sampling, static fluid water levels were measured with an electronic interface probe to the nearest hundredth of a foot and recorded. In addition, a conductivity probe was used to record the conductivity levels every 5 feet in each well to evaluate the vertical distribution of chloride-affected groundwater. After recording conductivity levels, discrete samples were collected at the interval of highest conductivity using a Hydrasleeve™. Geochemical water quality parameters (pH, temperature, and conductivity) were recorded at the sampling depth. All non-disposable groundwater sampling equipment was thoroughly decontaminated between measurements to prevent possible cross-contamination between wells. Laboratory-supplied sample containers were filled directly from the Hydrasleeve™.

Groundwater samples were placed on ice in insulated coolers and chilled to a temperature of approximately 4°C. The coolers were sealed for shipment with proper chain-of-custody documentation. Groundwater samples were submitted by Arcadis under chain-of-custody (COC) protocol to Pace Analytical for analysis of BTEX by EPA Method 8021B and TPH diesel range organics (DRO)/ gasoline range organics (GRO) by Method SW8015B. Chain of custody documentation was maintained throughout the sample collection and delivery process. Analyses were completed within required holding times.

Appendix D

Cumulative Summary of Groundwater Potentiometric Elevation Data

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-1	06/19/02	7 7/8"	122.47 - 142.09	140	3990.85	132.49	3858.36	--	--	--
MW-1	07/29/02	7 7/8 "	122.47 - 142.09	140	3990.85	132.55	3858.30	--	--	--
MW-1	10/08/02	7 7/8 "	122.47 - 142.09	140	3990.85	132.26	3858.59	--	--	--
MW-1	08/11/03	7 7/8 "	122.47 - 142.09	140	3990.85	130.33	3860.52	--	--	--
MW-1	02/16/05	7 7/8 "	122.47 - 142.09	140	3990.85	129.06	3861.79	--	--	--
MW-1	04/07/06	7 7/8 "	122.47 - 142.09	140	3990.85	130.22	3860.63	--	--	--
MW-1	06/29/06	7 7/8 "	122.47 - 142.09	140	3990.85	---------- not gauged ----------				--
MW-1	10/12/06	7 7/8 "	122.47 - 142.09	140	3990.85	130.37	3860.48	--	--	--
MW-1	04/26/07	7 7/8 "	122.47 - 142.09	140	3990.85	130.26	3860.59	--	--	--
MW-1	10/18/07	7 7/8 "	122.47 - 142.09	140	3990.85	130.24	3860.61	--	--	--
MW-1	05/21/08	7 7/8 "	122.47 - 142.09	140	3990.85	130.22	3860.63	--	--	--
MW-1	10/16/08	7 7/8 "	122.47 - 142.09	140	3990.85	130.38	3860.47	--	--	--
MW-1	04/09/09	7 7/8 "	122.47 - 142.09	140	3990.85	130.82	3860.03	--	--	--
MW-1	09/29/09	7 7/8 "	122.47 - 142.09	140	3990.85	131.30	3859.55	--	--	--
MW-1	04/05/10	7 7/8 "	122.47 - 142.09	140	3990.85	131.56	3859.29	--	--	--
MW-1	10/04/10	7 7/8 "	122.47 - 142.09	140	3990.85	131.73	3859.12	--	--	--
MW-1	04/18/11	7 7/8 "	122.47 - 142.09	140	3990.85	132.15	3858.70	--	--	--
MW-1	10/18/11	7 7/8 "	122.47 - 142.09	140	3990.85	132.23	3858.62	--	--	--
MW-1	04/23/12	7 7/8 "	122.47 - 142.09	140	3990.85	132.08	3858.77	--	--	--
MW-1	11/05/12	7 7/8 "	122.47 - 142.09	140	3990.85	131.74	3859.11	--	--	--
MW-1	04/23/13	7 7/8 "	122.47 - 142.09	140	3990.85	131.80	3859.05	--	--	--
MW-1	10/21/13	7 7/8 "	122.47 - 142.09	140	3990.85	132.97	3857.88	--	--	--
MW-1	02/11/14	7 7/8 "	122.47 - 142.09	140	3990.85	132.76	3858.09	--	--	--
MW-1	10/27/14	7 7/8 "	122.47 - 142.09	140	3990.85	133.56	3857.29	--	--	--
MW-1	02/24/15	7 7/8 "	122.47 - 142.09	140	3990.85	133.55	3857.30	--	--	--
MW-1	10/26/15	7 7/8 "	122.47 - 142.09	140	3990.85	133.88	3856.97	--	--	--
MW-1	02/29/16	7 7/8 "	122.47 - 142.09	140	3990.85	134.31	3856.54	--	--	--
MW-1	08/22/16	7 7/8 "	122.47 - 142.09	140	3990.85	134.14	3856.71	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-1	02/28/17	7 7/8 "	122.47 - 142.09	140	3990.85	133.50	3857.35	--	--	--
MW-1	08/28/17	7 7/8 "	122.47 - 142.09	140	3990.85	133.12	3857.73	--	--	--
MW-1	04/03/18	7 7/8 "	122.47 - 142.09	140	3990.85	133.10	3857.75	--	--	--
MW-1	08/27/18	7 7/8 "	122.47 - 142.09	140	3990.85	133.62	3857.23	--	--	--
MW-1	01/28/19	7 7/8 "	122.47 - 142.09	140	3990.85	134.36	3856.49	--	--	--
MW-1	12/16/19	7 7/8 "	122.47 - 142.09	140	3990.85	134.74	3856.11	--	--	--
MW-1	04/06/20	7 7/8"	122.47 - 142.09	142.38	3990.85	134.80	3856.05	--	--	--
MW-1	06/09/21	7 7/8"	122.47 - 142.09	147.19	3990.85	134.88	3855.97	--	--	--
MW-1	11/10/21	7 7/8"	122.47 - 142.09	152.21	3990.85	134.77	3856.08	--	--	--
MW-2	06/19/02	7 7/8"	123.27 - 142.89	140	3991.08	132.87	3858.21	--	--	--
MW-2	07/29/02	7 7/8"	123.27 - 142.89	140	3991.08	132.92	3858.16	--	--	--
MW-2	10/08/02	7 7/8"	123.27 - 142.89	140	3991.08	132.46	3858.62	--	--	--
MW-2	08/11/03	7 7/8"	123.27 - 142.89	140	3991.08	130.71	3860.37	--	--	--
MW-2	02/16/05	7 7/8"	123.27 - 142.89	140	3991.08	129.43	3861.65	--	--	--
MW-2	04/07/06	7 7/8"	123.27 - 142.89	140	3991.08	130.77	3860.31	--	--	--
MW-2	06/29/06	7 7/8"	123.27 - 142.89	140	3991.08	131.86	3859.22	--	--	--
MW-2	10/12/06	7 7/8"	123.27 - 142.89	140	3991.08	130.85	3860.23	--	--	--
MW-2	04/26/07	7 7/8"	123.27 - 142.89	140	3991.08	130.71	3860.37	--	--	--
MW-2	10/18/07	7 7/8"	123.27 - 142.89	140	3991.08	130.68	3860.40	--	--	--
MW-2	05/21/08	7 7/8"	123.27 - 142.89	140	3991.08	130.68	3860.40	--	--	--
MW-2	10/16/08	7 7/8"	123.27 - 142.89	140	3991.08	130.81	3860.27	--	--	--
MW-2	04/09/09	7 7/8"	123.27 - 142.89	140	3991.08	131.21	3859.87	--	--	--
MW-2	09/29/09	7 7/8"	123.27 - 142.89	140	3991.08	131.68	3859.40	--	--	--
MW-2	04/05/10	7 7/8"	123.27 - 142.89	140	3991.08	131.91	3859.17	--	--	--
MW-2	10/04/10	7 7/8"	123.27 - 142.89	140	3991.08	132.13	3858.95	--	--	--
MW-2	04/18/11	7 7/8"	123.27 - 142.89	140	3991.08	132.55	3858.53	--	--	--
MW-2	10/18/11	7 7/8"	123.27 - 142.89	140	3991.08	132.59	3858.49	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-2	04/23/12	7 7/8"	123.27 - 142.89	140	3991.08	132.41	3858.67	--	--	--
MW-2	11/05/12	7 7/8"	123.27 - 142.89	140	3991.08	132.20	3858.88	--	--	--
MW-2	04/23/13	7 7/8"	123.27 - 142.89	140	3991.08	132.29	3858.79	--	--	--
MW-2	10/21/13	7 7/8"	123.27 - 142.89	140	3991.08	133.11	3857.97	--	--	--
MW-2	02/11/14	7 7/8"	123.27 - 142.89	140	3991.08	133.11	3857.97	--	--	--
MW-2	10/27/14	7 7/8"	123.27 - 142.89	140	3991.08	133.92	3857.16	--	--	--
MW-2	02/24/15	7 7/8"	123.27 - 142.89	140	3991.08	133.84	3857.24	--	--	--
MW-2	10/26/15	7 7/8"	123.27 - 142.89	140	3991.08	134.32	3856.76	--	--	--
MW-2	02/29/16	7 7/8"	123.27 - 142.89	140	3991.08	134.58	3856.50	--	--	--
MW-2	08/22/16	7 7/8"	123.27 - 142.89	140	3991.08	134.45	3856.63	--	--	--
MW-2	02/28/17	7 7/8"	123.27 - 142.89	140	3991.08	133.80	3857.28	--	--	--
MW-2	08/28/17	7 7/8"	123.27 - 142.89	140	3991.08	133.22	3857.86	--	--	--
MW-2	04/03/18	7 7/8"	123.27 - 142.89	140	3991.08	133.46	3857.62	--	--	--
MW-2	08/27/18	7 7/8"	123.27 - 142.89	140	3991.08	134.00	3857.08	--	--	--
MW-2	01/28/19	7 7/8"	123.27 - 142.89	140	3991.08	134.43	3856.65	--	--	--
MW-2	12/16/19	7 7/8"	123.27 - 142.89	140	3991.08	135.81	3855.27	--	--	--
MW-2	01/30/20	7 7/8"	123.27 - 142.89	143.76	3991.08	135.18	3855.90	--	--	--
MW-2	04/06/20	7 7/8"	123.27 - 142.89	142.80	3991.08	135.30	3855.78	--	--	--
MW-2	06/09/21	7 7/8"	123.27 - 142.89	142.71	3991.08	135.30	3855.78	--	--	--
MW-2	11/10/21	7 7/8"	123.27 - 142.89	142.65	3991.08	135.19	3855.89	--	--	--
MW-3	06/19/02	7 7/8"	123.72 - 143.34	140	3991.75	133.52	3858.23	--	--	--
MW-3	07/29/02	7 7/8"	123.72 - 143.34	140	3991.75	133.58	3858.17	--	--	--
MW-3	10/08/02	7 7/8"	123.72 - 143.34	140	3991.75	133.19	3858.56	--	--	--
MW-3	08/11/03	7 7/8"	123.72 - 143.34	140	3991.75	131.36	3860.39	--	--	--
MW-3	02/16/05	7 7/8"	123.72 - 143.34	140	3991.75	not gauged				--
MW-3	04/07/06	7 7/8"	123.72 - 143.34	140	3991.75	131.45	3860.30	--	--	--
MW-3	06/29/06	7 7/8"	123.72 - 143.34	140	3991.75	not gauged				--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-3	10/12/06	7 7/8"	123.72 - 143.34	140	3991.75	131.59	3860.16	--	--	--
MW-3	04/26/07	7 7/8"	123.72 - 143.34	140	3991.75	131.42	3860.33	--	--	--
MW-3	10/18/07	7 7/8"	123.72 - 143.34	140	3991.75	131.43	3860.32	--	--	--
MW-3	05/20/08	7 7/8"	123.72 - 143.34	140	3991.75	131.39	3860.36	--	--	--
MW-3	10/08/08	7 7/8"	123.72 - 143.34	140	3991.75	131.51	3860.24	--	--	--
MW-3	04/09/09	7 7/8"	123.72 - 143.34	140	3991.75	132.94	3858.81	--	--	--
MW-3	09/29/09	7 7/8"	123.72 - 143.34	140	3991.75	132.40	3859.35	--	--	--
MW-3	04/05/10	7 7/8"	123.72 - 143.34	140	3991.75	132.65	3859.10	--	--	--
MW-3	10/04/10	7 7/8"	123.72 - 143.34	140	3991.75	132.82	3858.93	--	--	--
MW-3	04/18/11	7 7/8"	123.72 - 143.34	140	3991.75	133.25	3858.50	--	--	--
MW-3	10/18/11	7 7/8"	123.72 - 143.34	140	3991.75	133.42	3858.33	--	--	--
MW-3	04/23/12	7 7/8"	123.72 - 143.34	140	3991.75	133.15	3858.62	133.12	0.03	--
MW-3	11/05/12	7 7/8"	123.72 - 143.34	140	3991.75	133.01	3858.74	--	--	--
MW-3	04/15/13	7 7/8"	123.72 - 143.34	140	3991.75	132.77	3858.98	--	--	--
MW-3	04/23/13	7 7/8"	123.72 - 143.34	140	3991.75	132.89	3858.86	--	--	--
MW-3	10/21/13	7 7/8"	123.72 - 143.34	140	3991.75	133.90	3857.87	133.88	0.02	--
MW-3	10/27/14	7 7/8"	123.72 - 143.34	140	3991.75	134.69	3857.17	134.55	0.14	--
MW-3	02/11/14	7 7/8"	123.72 - 143.34	140	3991.75	133.87	3857.99	133.73	0.14	--
MW-3	10/27/14	7 7/8"	123.72 - 143.34	140	3991.75	134.69	3857.17	134.55	0.14	--
MW-3	02/24/15	7 7/8"	123.72 - 143.34	140	3991.75	134.54	3857.24	134.50	0.04	--
MW-3	10/26/15	7 7/8"	123.72 - 143.34	140	3991.75	135.19	3856.57	135.18	0.01	--
MW-3	01/14/16	7 7/8"	123.72 - 143.34	140	3991.75	135.32	3856.43	--	--	--
MW-3	02/29/16	7 7/8"	123.72 - 143.34	140	3991.75	135.21	3856.55	135.20	0.01	--
MW-3	08/22/16	7 7/8"	123.72 - 143.34	140	3991.75	135.08	3856.67	--	--	--
MW-3	02/28/17	7 7/8"	123.72 - 143.34	140	3991.75	135.10	3857.40	134.10	1.00	--
MW-3	06/12/17	7 7/8"	123.72 - 143.34	140	3991.75	134.25	3857.90	133.72	0.53	0.5
MW-3	06/26/17	7 7/8"	123.72 - 143.34	140	3991.75	134.04	3858.03	133.62	0.42	0.3
MW-3	07/24/17	7 7/8"	123.72 - 143.34	140	3991.75	134.27	3857.97	133.62	0.65	0.5

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-3	08/07/17	7 7/8"	123.72 - 143.34	140	3991.75	--	--	--	--	0.1
MW-3	08/28/17	7 7/8"	123.72 - 143.34	140	3991.75	134.36	3857.92	133.66	0.70	0.1
MW-3	09/20/17	7 7/8"	123.72 - 143.34	140	3991.75	133.20	3858.55	--	--	--
MW-3	10/16/17	7 7/8"	123.72 - 143.34	140	3991.75	134.43	3857.91	133.65	0.78	0.1
MW-3	10/31/17	7 7/8"	123.72 - 143.34	140	3991.75	134.56	3857.91	133.60	0.96	0.5
MW-3	11/13/17	7 7/8"	123.72 - 143.34	140	3991.75	134.55	3857.88	133.64	0.91	0.5
MW-3	11/27/17	7 7/8"	123.72 - 143.34	140	3991.75	134.73	3857.83	133.65	1.08	0.3
MW-3	12/11/17	7 7/8"	123.72 - 143.34	140	3991.75	134.65	3857.87	133.63	1.02	0.8
MW-3	01/02/18	7 7/8"	123.72 - 143.34	140	3991.75	134.85	3857.76	133.70	1.15	0.5
MW-3	01/08/18	7 7/8"	123.72 - 143.34	140	3991.75	134.77	3857.84	133.62	1.15	1.0
MW-3	01/24/18	7 7/8"	123.72 - 143.34	140	3991.75	135.01	3857.64	133.81	1.20	0.5
MW-3	02/05/18	7 7/8"	123.72 - 143.34	140	3991.75	134.85	3857.93	133.58	1.37	0.3
MW-3	02/23/18	7 7/8"	123.72 - 143.34	140	3991.75	134.70	3857.94	133.51	1.19	0.6
MW-3	03/05/18	7 7/8"	123.72 - 143.34	140	3991.75	135.15	3857.65	133.75	1.40	1.0
MW-3	04/03/18	7 7/8"	123.72 - 143.34	140	3991.75	135.29	3857.61	133.76	1.53	--
MW-3	04/16/18	7 7/8"	123.72 - 143.34	140	3991.75	135.20	3857.69	133.69	1.51	0.5
MW-3	04/30/18	7 7/8"	123.72 - 143.34	140	3991.75	135.57	3858.22	132.86	2.71	0.4
MW-3	05/14/18	7 7/8"	123.72 - 143.34	140	3991.75	135.47	3857.50	133.85	1.62	0.2
MW-3	06/01/18	7 7/8"	123.72 - 143.34	140	3991.75	134.54	3857.73	133.85	0.69	0.5
MW-3	06/11/18	7 7/8"	123.72 - 143.34	140	3991.75	134.59	3857.69	133.89	0.70	0.5
MW-3	06/25/18	7 7/8"	123.72 - 143.34	140	3991.75	136.05	3857.17	134.10	1.95	--
MW-3	07/09/18	7 7/8"	123.72 - 143.34	140	3991.75	136.06	3857.13	134.15	1.91	0.3
MW-3	07/23/18	7 7/8"	123.72 - 143.34	140	3991.75	136.02	3857.13	134.16	1.86	0.4
MW-3	08/06/18	7 7/8"	123.72 - 143.34	140	3991.75	135.84	3857.06	134.31	1.53	0.6
MW-3	08/20/18	7 7/8"	123.72 - 143.34	140	3991.75	135.74	3857.07	134.33	1.41	0.1
MW-3	08/27/18	7 7/8"	123.72 - 143.34	140	3991.75	135.48	3857.08	134.40	1.08	--
MW-3	10/01/18	7 7/8"	123.72 - 143.34	140	3991.75	135.77	3857.18	134.18	1.59	0.75
MW-3	10/15/18	7 7/8"	123.72 - 143.34	140	3991.75	135.84	3857.12	134.23	1.61	0.60

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-3	11/13/18	7 7/8"	123.72 - 143.34	140	3991.75	136.16	3857.06	134.21	1.95	0.60
MW-3	12/03/18	7 7/8"	123.72 - 143.34	140	3991.75	136.20	3856.94	134.35	1.85	1.00
MW-3	12/11/18	7 7/8"	123.72 - 143.34	140	3991.75	135.48	3856.92	134.61	0.87	--
MW-3	01/28/19	7 7/8"	123.72 - 143.34	140	3991.75	135.71	3856.68	134.86	0.85	--
MW-3	3/5/19	7 7/8"	123.72 - 143.34	140	3991.75	135.45	3856.32	135.42	0.03	--
MW-3	3/18/19	7 7/8"	123.72 - 143.34	140	3991.75	135.68	3856.09	135.66	0.02	--
MW-3	4/5/19	7 7/8"	123.72 - 143.34	140	3991.75	135.78	3856.03	135.70	0.08	--
MW-3	4/18/19	7 7/8"	123.72 - 143.34	140	3991.75	135.97	3855.87	135.85	0.12	--
MW-3	4/29/19	7 7/8"	123.72 - 143.34	140	3991.75	135.97	3856.15	135.48	0.49	--
MW-3	5/29/19	7 7/8"	123.72 - 143.34	140	3991.75	136.72	3857.63	133.26	3.46	0.30
MW-3	6/10/19	7 7/8"	123.72 - 143.34	140	3991.75	136.76	3855.96	135.47	1.29	0.20
MW-3	6/24/19	7 7/8"	123.72 - 143.34	140	3991.75	136.75	3856.24	135.10	1.65	0.33
MW-3	7/12/19	7 7/8"	123.72 - 143.34	140	3991.75	137.15	3855.92	135.40	1.75	0.40
MW-3	7/22/19	7 7/8"	123.72 - 143.34	140	3991.75	136.94	3855.83	135.58	1.36	0.50
MW-3	8/5/19	7 7/8"	123.72 - 143.34	140	3991.75	136.63	3855.91	135.58	1.05	0.10
MW-3	8/19/19	7 7/8"	123.72 - 143.34	140	3991.75	136.81	3855.83	135.63	1.18	0.20
MW-3	9/6/19	7 7/8"	123.72 - 143.34	140	3991.75	136.60	3855.89	135.62	0.98	0.10
MW-3	9/16/19	7 7/8"	123.72 - 143.34	140	3991.75	136.54	3855.98	135.52	1.02	0.10
MW-3	9/30/19	7 7/8"	123.72 - 143.34	140	3991.75	136.58	3855.76	135.79	0.79	0.10
MW-3	12/16/19	7 7/8"	123.72 - 143.34	140	3991.75	136.74	3855.80	135.69	1.05	--
MW-3	01/30/20	7 7/8"	123.72 - 143.34		3991.75	136.98	3855.80	135.61	1.37	0.50
MW-3	02/12/20	7 7/8"	123.72 - 143.34		3991.75	136.18	3855.92	135.72	0.46	<0.25
MW-3	02/27/20	7 7/8"	123.72 - 143.34		3991.75	136.14	3855.82	135.86	0.28	<0.25
MW-3	03/13/20	7 7/8"	123.72 - 143.34		3991.75	136.11	3855.78	135.93	0.18	0.50
MW-3	03/27/20	7 7/8"	123.72 - 143.34		3991.75	136.17	3855.69	136.03	0.14	--
MW-3	04/06/20	7 7/8"	123.72 - 143.34	137.36	3991.75	136.08	3855.78	135.94	0.14	--
MW-3	04/07/20	7 7/8"	123.72 - 143.34		3991.75	136.08	3855.78	135.94	0.14	<0.1
MW-3	04/23/20	7 7/8"	123.72 - 143.34		3991.75	136.22	3855.70	136.00	0.22	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-3	05/12/20	7 7/8"	123.72 - 143.34		3991.75	136.38	3855.81	135.80	0.58	--
MW-3	06/09/21	7 7/8"	123.72 - 143.34	137.35	3991.75	ND	--	135.35	2.00	--
MW-3	07/20/21	7 7/8"	123.72 - 143.34	137.20	3991.75	ND	--	135.17	2.30	--
MW-3	09/14/21	7 7/8"	123.72 - 143.34	137.21	3991.75	ND	--	135.15	2.06	1.00
MW-3	10/21/21	7 7/8"	123.72 - 143.34	137.35	3991.75	ND	--	135.57	1.78	0.75
MW-3	11/10/21	7 7/8"	123.72 - 143.34	--	3991.75	137.24	3855.93	135.35	1.89	1.00
MW-3	12/22/21	7 7/8"	123.72 - 143.34	--	3991.75	137.27	3855.81	135.50	1.77	1.00
MW-4	06/19/02	7 7/8"	122.47 - 142.09	140	3991.57	134.35	3857.22	--	--	--
MW-4	07/29/02	7 7/8"	122.47 - 142.09	140	3991.57	134.25	3857.32	--	--	--
MW-4	10/08/02	7 7/8"	122.47 - 142.09	140	3991.57	133.83	3857.74	--	--	--
MW-4	08/11/03	7 7/8"	122.47 - 142.09	140	3991.57	131.78	3859.79	--	--	--
MW-4	02/16/05	7 7/8"	122.47 - 142.09	140	3991.57	130.25	3861.32	--	--	--
MW-4	04/07/06	7 7/8"	122.47 - 142.09	140	3991.57	132.14	3859.43	--	--	--
MW-4	06/29/06	7 7/8"	122.47 - 142.09	140	3991.57	132.22	3859.35	--	--	--
MW-4	10/12/06	7 7/8"	122.47 - 142.09	140	3991.57	132.61	3858.96	--	--	--
MW-4	04/26/07	7 7/8"	122.47 - 142.09	140	3991.57	131.97	3859.60	--	--	--
MW-4	10/18/07	7 7/8"	122.47 - 142.09	140	3991.57	131.95	3859.62	--	--	--
MW-4	05/19/08	7 7/8"	122.47 - 142.09	140	3991.57	131.88	3859.69	--	--	--
MW-4	10/20/08	7 7/8"	122.47 - 142.09	140	3991.57	132.02	3859.55	--	--	--
MW-4	04/09/09	7 7/8"	122.47 - 142.09	140	3991.57	132.45	3859.12	--	--	--
MW-4	09/29/09	7 7/8"	122.47 - 142.09	140	3991.57	132.90	3858.67	--	--	--
MW-4	04/05/10	7 7/8"	122.47 - 142.09	140	3991.57	133.19	3858.38	--	--	--
MW-4	10/04/10	7 7/8"	122.47 - 142.09	140	3991.57	133.45	3858.12	--	--	--
MW-4	04/18/11	7 7/8"	122.47 - 142.09	140	3991.57	133.85	3857.72	--	--	--
MW-4	10/18/11	7 7/8"	122.47 - 142.09	140	3991.57	133.92	3857.65	--	--	--
MW-4	04/23/12	7 7/8"	122.47 - 142.09	140	3991.57	133.49	3858.08	--	--	--
MW-4	11/05/12	7 7/8"	122.47 - 142.09	140	3991.57	133.20	3858.37	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-4	04/23/13	7 7/8"	122.47 - 142.09	140	3991.57	133.28	3858.29	--	--	--
MW-4	10/21/13	7 7/8"	122.47 - 142.09	140	3991.57	134.27	3857.30	--	--	--
MW-4	02/11/14	7 7/8"	122.47 - 142.09	140	3991.57	134.44	3857.13	--	--	--
MW-4	10/27/14	7 7/8"	122.47 - 142.09	140	3991.57	135.40	3856.17	--	--	--
MW-4	02/24/15	7 7/8"	122.47 - 142.09	140	3991.57	135.41	3856.16	--	--	--
MW-4	10/26/15	7 7/8"	122.47 - 142.09	140	3991.57	136.01	3855.56	--	--	--
MW-4	02/29/16	7 7/8"	122.47 - 142.09	140	3991.57	136.05	3855.52	--	--	--
MW-4	08/22/16	7 7/8"	122.47 - 142.09	140	3991.57	135.60	3855.97	--	--	--
MW-4	02/28/17	7 7/8"	122.47 - 142.09	140	3991.57	134.90	3856.67	--	--	--
MW-4	08/28/17	7 7/8"	122.47 - 142.09	140	3991.57	134.22	3857.35	--	--	--
MW-4	04/03/18	7 7/8"	122.47 - 142.09	140	3991.57	134.64	3856.93	--	--	--
MW-4	08/27/18	7 7/8"	122.47 - 142.09	140	3991.57	135.09	3856.48	--	--	--
MW-4	01/28/19	7 7/8"	122.47 - 142.09	140	3991.57	135.81	3855.76	--	--	--
MW-4	12/16/19	7 7/8"	122.47 - 142.09	140	3991.57	136.80	3854.77	--	--	--
MW-4	04/06/20	7 7/8"	122.47 - 142.09	143.54	3991.57	136.82	3854.75	--	--	--
MW-4	06/09/21	7 7/8"	122.47 - 142.09	143.47	3991.57	136.46	3855.11	--	--	--
MW-4	11/10/21	7 7/8"	122.47 - 142.09	143.55	3991.57	136.43	3855.14	--	--	--
MW-5	06/19/02	7 7/8"	125.97 - 142.59	143	3992.12	134.05	3858.07	--	--	--
MW-5	07/29/02	7 7/8"	125.97 - 142.59	143	3992.12	134.06	3858.06	--	--	--
MW-5	10/08/02	7 7/8"	125.97 - 142.59	143	3992.12	133.73	3858.39	--	--	--
MW-5	08/11/03	7 7/8"	125.97 - 142.59	143	3992.12	131.91	3860.21	--	--	--
MW-5	02/16/05	7 7/8"	125.97 - 142.59	143	3992.12	130.86	3861.26	--	--	--
MW-5	04/07/06	7 7/8"	125.97 - 142.59	143	3992.12	132.04	3860.08	--	--	--
MW-5	06/29/06	7 7/8"	125.97 - 142.59	143	3992.12	132.18	3859.94	--	--	--
MW-5	10/12/06	7 7/8"	125.97 - 142.59	143	3992.12	132.13	3859.99	--	--	--
MW-5	04/26/07	7 7/8"	125.97 - 142.59	143	3992.12	132.00	3860.12	--	--	--
MW-5	10/18/07	7 7/8"	125.97 - 142.59	143	3992.12	132.04	3860.08	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-5	05/20/08	7 7/8"	125.97 - 142.59	143	3992.12	131.98	3860.14	--	--	--
MW-5	10/20/08	7 7/8"	125.97 - 142.59	143	3992.12	131.96	3860.16	--	--	--
MW-5	04/09/09	7 7/8"	125.97 - 142.59	143	3992.12	132.36	3859.76	--	--	--
MW-5	09/29/09	7 7/8"	125.97 - 142.59	143	3992.12	132.90	3859.22	--	--	--
MW-5	04/05/10	7 7/8"	125.97 - 142.59	143	3992.12	133.08	3859.04	--	--	--
MW-5	10/04/10	7 7/8"	125.97 - 142.59	143	3992.12	133.30	3858.82	--	--	--
MW-5	04/18/11	7 7/8"	125.97 - 142.59	143	3992.12	133.67	3858.45	--	--	--
MW-5	10/18/11	7 7/8"	125.97 - 142.59	143	3992.12	133.73	3858.39	--	--	--
MW-5	04/23/12	7 7/8"	125.97 - 142.59	143	3992.12	133.55	3858.57	--	--	--
MW-5	11/05/12	7 7/8"	125.97 - 142.59	143	3992.12	133.24	3858.88	--	--	--
MW-5	04/23/13	7 7/8"	125.97 - 142.59	143	3992.12	133.33	3858.79	--	--	--
MW-5	10/21/13	7 7/8"	125.97 - 142.59	143	3992.12	134.08	3858.04	--	--	--
MW-5	02/11/14	7 7/8"	125.97 - 142.59	143	3992.12	134.24	3857.88	--	--	--
MW-5	10/27/14	7 7/8"	125.97 - 142.59	143	3992.12	135.13	3856.99	--	--	--
MW-5	02/24/15	7 7/8"	125.97 - 142.59	143	3992.12	135.11	3857.01	--	--	--
MW-5	10/26/15	7 7/8"	125.97 - 142.59	143	3992.12	135.61	3856.51	--	--	--
MW-5	02/29/16	7 7/8"	125.97 - 142.59	143	3992.12	---------- not gauged ----------				--
MW-5	08/22/16	7 7/8"	125.97 - 142.59	143	3992.12	135.42	3856.70	--	--	--
MW-5	02/28/17	7 7/8"	125.97 - 142.59	143	3992.12	134.90	3857.22	--	--	--
MW-5	08/28/17	7 7/8"	125.97 - 142.59	143	3992.12	134.20	3857.92	--	--	--
MW-5	04/03/18	7 7/8"	125.97 - 142.59	143	3992.12	134.49	3857.63	--	--	--
MW-5	08/27/18	7 7/8"	125.97 - 142.59	143	3992.12	135.70	3856.42	--	--	--
MW-5	01/28/19	7 7/8"	125.97 - 142.59	143	3992.12	135.63	3856.49	--	--	--
MW-5	12/16/19	7 7/8"	125.97 - 142.59	143	3992.12	136.59	3855.53	--	--	--
MW-5	04/06/20	7 7/8"	125.97 - 142.59	144.98	3992.12	136.68	3855.44	--	--	--
MW-5	06/09/21	7 7/8"	125.97 - 142.59	144.97	3992.12	136.46	3855.66	--	--	--
MW-5	11/10/21	7 7/8"	125.97 - 142.59	145.02	3992.12	136.59	3855.53	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-6	06/19/02	7 7/8"	122.37 - 141.99	140	3991.94	133.58	3858.36	--	--	--
MW-6	07/29/02	7 7/8"	122.37 - 141.99	140	3991.94	133.61	3858.33	--	--	--
MW-6	10/08/02	7 7/8"	122.37 - 141.99	140	3991.94	132.29	3859.65	--	--	--
MW-6	08/11/03	7 7/8"	122.37 - 141.99	140	3991.94	131.59	3860.35	--	--	--
MW-6	02/16/05	7 7/8"	122.37 - 141.99	140	3991.94	130.35	3861.59	--	--	--
MW-6	04/07/06	7 7/8"	122.37 - 141.99	140	3991.94	131.57	3860.37	--	--	--
MW-6	06/29/06	7 7/8"	122.37 - 141.99	140	3991.94	---------- not gauged ----------				--
MW-6	10/12/06	7 7/8"	122.37 - 141.99	140	3991.94	131.69	3860.25	--	--	--
MW-6	04/26/07	7 7/8"	122.37 - 141.99	140	3991.94	131.58	3860.36	--	--	--
MW-6	10/18/07	7 7/8"	122.37 - 141.99	140	3991.94	131.60	3860.34	--	--	--
MW-6	05/20/08	7 7/8"	122.37 - 141.99	140	3991.94	131.52	3860.42	--	--	--
MW-6	10/16/08	7 7/8"	122.37 - 141.99	140	3991.94	131.67	3860.27	--	--	--
MW-6	04/09/09	7 7/8"	122.37 - 141.99	140	3991.94	132.00	3859.94	--	--	--
MW-6	09/29/09	7 7/8"	122.37 - 141.99	140	3991.94	132.40	3859.54	--	--	--
MW-6	04/05/10	7 7/8"	122.37 - 141.99	140	3991.94	132.16	3859.78	--	--	--
MW-6	10/04/10	7 7/8"	122.37 - 141.99	140	3991.94	132.84	3859.10	--	--	--
MW-6	04/18/11	7 7/8"	122.37 - 141.99	140	3991.94	133.20	3858.74	--	--	--
MW-6	10/18/11	7 7/8"	122.37 - 141.99	140	3991.94	133.34	3858.60	--	--	--
MW-6	04/23/12	7 7/8"	122.37 - 141.99	140	3991.94	133.21	3858.73	--	--	--
MW-6	11/05/12	7 7/8"	122.37 - 141.99	140	3991.94	132.25	3859.69	--	--	--
MW-6	04/23/13	7 7/8"	122.37 - 141.99	140	3991.94	132.97	3858.97	--	--	--
MW-6	10/21/13	7 7/8"	122.37 - 141.99	140	3991.94	133.68	3858.26	--	--	--
MW-6	02/11/14	7 7/8"	122.37 - 141.99	140	3991.94	133.80	3858.14	--	--	--
MW-6	10/27/14	7 7/8"	122.37 - 141.99	140	3991.94	134.62	3857.32	--	--	--
MW-6	02/24/15	7 7/8"	122.37 - 141.99	140	3991.94	134.55	3857.39	--	--	--
MW-6	10/26/15	7 7/8"	122.37 - 141.99	140	3991.94	135.00	3856.94	--	--	--
MW-6	02/29/16	7 7/8"	122.37 - 141.99	140	3991.94	135.24	3856.70	--	--	--
MW-6	08/22/16	7 7/8"	122.37 - 141.99	140	3991.94	135.10	3856.84	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-6	02/28/17	7 7/8"	122.37 - 141.99	140	3991.94	134.90	3857.04	--	--	--
MW-6	08/28/17	7 7/8"	122.37 - 141.99	140	3991.94	133.88	3858.06	--	--	--
MW-6	04/03/18	7 7/8"	122.37 - 141.99	140	3991.94	134.21	3857.73	--	--	--
MW-6	08/27/18	7 7/8"	122.37 - 141.99	140	3991.94	134.65	3857.29	--	--	--
MW-6	01/28/19	7 7/8"	122.37 - 141.99	140	3991.94	135.10	3856.84	--	--	--
MW-6	12/16/19	7 7/8"	122.37 - 141.99	140	3991.94	136.10	3855.84	--	--	--
MW-6	04/06/20	7 7/8"	122.37 - 141.99	143.40	3991.94	136.10	3855.84	--	--	--
MW-6	06/09/21	7 7/8"	122.37 - 141.99	143.44	3991.94	136.11	3855.83	--	--	--
MW-6	11/10/21	7 7/8"	122.37 - 141.99	136.06	3991.94	134.06	3857.88	--	--	--
MW-7	06/19/02	7 7/8"	122.17 - 141.79	140	3992.89	133.94	3858.95	--	--	--
MW-7	07/29/02	7 7/8"	122.17 - 141.79	140	3992.89	134.03	3858.86	--	--	--
MW-7	10/08/02	7 7/8"	122.17 - 141.79	140	3992.89	133.81	3859.08	--	--	--
MW-7	08/11/03	7 7/8"	122.17 - 141.79	140	3992.89	132.26	3860.63	--	--	--
MW-7	02/16/05	7 7/8"	122.17 - 141.79	140	3992.89	130.91	3861.98	--	--	--
MW-7	04/07/06	7 7/8"	122.17 - 141.79	140	3992.89	132.06	3860.83	--	--	--
MW-7	06/29/06	7 7/8"	122.17 - 141.79	140	3992.89	---------- not gauged ----------				--
MW-7	10/12/06	7 7/8"	122.17 - 141.79	140	3992.89	132.22	3860.67	--	--	--
MW-7	04/26/07	7 7/8"	122.17 - 141.79	140	3992.89	132.14	3860.75	--	--	--
MW-7	10/18/07	7 7/8"	122.17 - 141.79	140	3992.89	132.19	3860.70	--	--	--
MW-7	05/20/08	7 7/8"	122.17 - 141.79	140	3992.89	132.16	3860.73	--	--	--
MW-7	10/15/08	7 7/8"	122.17 - 141.79	140	3992.89	132.25	3860.64	--	--	--
MW-7	04/09/09	7 7/8"	122.17 - 141.79	140	3992.89	132.58	3860.31	--	--	--
MW-7	09/29/09	7 7/8"	122.17 - 141.79	140	3992.89	133.01	3859.88	--	--	--
MW-7	04/05/10	7 7/8"	122.17 - 141.79	140	3992.89	133.16	3859.73	--	--	--
MW-7	10/04/10	7 7/8"	122.17 - 141.79	140	3992.89	133.34	3859.55	--	--	--
MW-7	04/18/11	7 7/8"	122.17 - 141.79	140	3992.89	133.75	3859.14	--	--	--
MW-7	10/18/11	7 7/8"	122.17 - 141.79	140	3992.89	133.77	3859.12	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-7	04/23/12	7 7/8"	122.17 - 141.79	140	3992.89	133.74	3859.15	--	--	--
MW-7	11/05/12	7 7/8"	122.17 - 141.79	140	3992.89	133.48	3859.41	--	--	--
MW-7	04/23/13	7 7/8"	122.17 - 141.79	140	3992.89	133.64	3859.25	--	--	--
MW-7	10/21/13	7 7/8"	122.17 - 141.79	140	3992.89	134.18	3858.71	--	--	--
MW-7	02/11/14	7 7/8"	122.17 - 141.79	140	3992.89	134.28	3858.61	--	--	--
MW-7	10/27/14	7 7/8"	122.17 - 141.79	140	3992.89	134.95	3857.94	--	--	--
MW-7	02/24/15	7 7/8"	122.17 - 141.79	140	3992.89	134.89	3858.00	--	--	--
MW-7	10/26/15	7 7/8"	122.17 - 141.79	140	3992.89	135.33	3857.56	--	--	--
MW-7	02/29/16	7 7/8"	122.17 - 141.79	140	3992.89	135.55	3857.34	--	--	--
MW-7	08/22/16	7 7/8"	122.17 - 141.79	140	3992.89	135.53	3857.36	--	--	--
MW-7	02/28/17	7 7/8"	122.17 - 141.79	140	3992.89	134.85	3858.04	--	--	--
MW-7	08/28/17	7 7/8"	122.17 - 141.79	140	3992.89	134.46	3858.43	--	--	--
MW-7	04/03/18	7 7/8"	122.17 - 141.79	140	3992.89	134.79	3858.10	--	--	--
MW-7	08/27/18	7 7/8"	122.17 - 141.79	140	3992.89	135.15	3857.74	--	--	--
MW-7	01/28/19	7 7/8"	122.17 - 141.79	140	3992.89	135.49	3857.40	--	--	--
MW-7	12/16/19	7 7/8"	122.17 - 141.79	140	3992.89	136.50	3856.39	--	--	--
MW-7	04/06/20	7 7/8"	122.17 - 141.79	141.94	3992.89	136.47	3856.42	--	--	--
MW-7	06/09/21	7 7/8"	122.17 - 141.79	141.87	3992.89	136.70	3856.19			
MW-7	11/10/21	7 7/8"	122.17 - 141.79	141.83	3992.89	136.75	3856.14			
MW-8	06/19/02	7 7/8"	123.57 -143.19	140	3991.27	132.81	3858.46	--	--	--
MW-8	07/29/02	7 7/8"	123.57 -143.19	140	3991.27	132.93	3858.34	--	--	--
MW-8	10/08/02	7 7/8"	123.57 -143.19	140	3991.27	132.20	3859.07	--	--	--
MW-8	08/11/03	7 7/8"	123.57 -143.19	140	3991.27	130.78	3860.49	--	--	--
MW-8	02/16/05	7 7/8"	123.57 -143.19	140	3991.27	129.53	3861.74	--	--	--
MW-8	04/07/06	7 7/8"	123.57 -143.19	140	3991.27	130.80	3860.47	--	--	--
MW-8	06/29/06	7 7/8"	123.57 -143.19	140	3991.27	130.88	3860.39	--	--	--
MW-8	10/12/06	7 7/8"	123.57 -143.19	140	3991.27	130.89	3860.38	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-8	04/26/07	7 7/8"	123.57 -143.19	140	3991.27	130.75	3860.52	--	--	--
MW-8	10/18/07	7 7/8"	123.57 -143.19	140	3991.27	130.73	3860.54	--	--	--
MW-8	05/21/08	7 7/8"	123.57 -143.19	140	3991.27	130.22	3861.05	--	--	--
MW-8	10/16/08	7 7/8"	123.57 -143.19	140	3991.27	130.84	3860.43	--	--	--
MW-8	04/09/09	7 7/8"	123.57 -143.19	140	3991.27	131.28	3859.99	--	--	--
MW-8	09/29/09	7 7/8"	123.57 -143.19	140	3991.27	131.75	3859.52	--	--	--
MW-8	04/05/10	7 7/8"	123.57 -143.19	140	3991.27	131.96	3859.31	--	--	--
MW-8	10/04/10	7 7/8"	123.57 -143.19	140	3991.27	135.46	3855.81	--	--	--
MW-8	03/30/11	7 7/8"	123.57 -143.19	140	3991.27	135.80	3858.73	131.47	4.33	2.5
MW-8	04/07/11	7 7/8"	123.57 -143.19	140	3991.27	134.37	3858.65	132.04	2.33	0.5
MW-8	04/13/11	7 7/8"	123.57 -143.19	140	3991.27	133.85	3858.59	132.30	1.55	0.3
MW-8	05/03/11	7 7/8"	123.57 -143.19	140	3991.27	135.70	3858.61	131.66	4.04	1.2
MW-8	05/10/11	7 7/8"	123.57 -143.19	140	3991.27	134.68	3858.58	132.04	2.64	0.5
MW-8	05/17/11	7 7/8"	123.57 -143.19	140	3991.27	134.24	3858.64	132.10	2.14	0.8
MW-8	05/24/11	7 7/8"	123.57 -143.19	140	3991.27	134.17	3858.57	132.21	1.96	--
MW-8	06/28/11	7 7/8"	123.57 -143.19	140	3991.27	133.69	3858.50	132.47	1.22	0.1
MW-8	08/24/11	7 7/8"	123.57 -143.19	140	3991.27	135.84	3858.44	131.84	4.00	2.5
MW-8	08/25/11	7 7/8"	123.57 -143.19	140	3991.27	134.54	3858.38	132.34	2.20	1.3
MW-8	10/18/11	7 7/8"	123.57 -143.19	140	3991.27	134.64	3858.23	132.51	2.13	2.0
MW-8	02/01/12	7 7/8"	123.57 -143.19	140	3991.27	135.77	3858.62	131.62	4.15	1.8
MW-8	02/16/12	7 7/8"	123.57 -143.19	140	3991.27	135.43	3858.82	131.47	3.96	1.5
MW-8	02/28/12	7 7/8"	123.57 -143.19	140	3991.27	135.49	3858.75	131.54	3.95	1.5
MW-8	03/12/12	7 7/8"	123.57 -143.19	140	3991.27	135.63	3858.67	131.60	4.03	1.5
MW-8	03/29/12	7 7/8"	123.57 -143.19	140	3991.27	135.63	3858.70	131.56	4.07	1.0
MW-8	04/10/12	7 7/8"	123.57 -143.19	140	3991.27	135.59	3858.75	131.51	4.08	1.0
MW-8	04/23/12	7 7/8"	123.57 -143.19	140	3991.27	135.47	3858.73	131.58	3.89	--
MW-8	05/08/12	7 7/8"	123.57 -143.19	140	3991.27	135.38	3858.79	131.52	3.86	1.2
MW-8	05/21/12	7 7/8"	123.57 -143.19	140	3991.27	135.23	3858.90	131.43	3.80	1.8

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-8	06/04/12	7 7/8"	123.57 -143.19	140	3991.27	135.14	3858.86	131.51	3.63	1.5
MW-8	06/18/12	7 7/8"	123.57 -143.19	140	3991.27	135.04	3858.93	131.45	3.59	2.0
MW-8	07/03/12	7 7/8"	123.57 -143.19	140	3991.27	135.21	3858.86	131.49	3.72	2.0
MW-8	07/16/12	7 7/8"	123.57 -143.19	140	3991.27	135.10	3858.93	131.43	3.67	4.0
MW-8	08/02/12	7 7/8"	123.57 -143.19	140	3991.27	134.88	3858.95	131.48	3.40	3.5
MW-8	08/17/12	7 7/8"	123.57 -143.19	140	3991.27	134.83	3858.97	131.47	3.36	0.0
MW-8	08/28/12	7 7/8"	123.57 -143.19	140	3991.27	134.69	3859.11	131.33	3.36	2.5
MW-8	09/21/12	7 7/8"	123.57 -143.19	140	3991.27	134.70	3859.14	131.28	3.42	1.5
MW-8	09/24/12	7 7/8"	123.57 -143.19	140	3991.27	134.58	3859.21	131.23	3.35	1.6
MW-8	10/08/12	7 7/8"	123.57 -143.19	140	3991.27	134.65	3859.15	131.29	3.36	1.5
MW-8	10/22/12	7 7/8"	123.57 -143.19	140	3991.27	134.79	3859.09	131.32	3.47	1.5
MW-8	11/05/12	7 7/8"	123.57 -143.19	140	3991.27	134.66	3859.13	131.31	3.35	0.0
MW-8	11/20/12	7 7/8"	123.57 -143.19	140	3991.27	134.82	3859.02	131.40	3.42	2.5
MW-8	01/08/13	7 7/8"	123.57 -143.19	140	3991.27	134.89	3859.84	130.29	4.60	2.5
MW-8	01/21/13	7 7/8"	123.57 -143.19	140	3991.27	134.85	3859.32	131.00	3.85	1.5
MW-8	01/30/13	7 7/8"	123.57 -143.19	140	3991.27	134.36	3859.23	131.28	3.08	1.0
MW-8	02/13/13	7 7/8"	123.57 -143.19	140	3991.27	134.68	3859.21	131.19	3.49	--
MW-8	02/18/13	7 7/8"	123.57 -143.19	140	3991.27	135.05	3859.01	131.34	3.71	1.5
MW-8	03/04/13	7 7/8"	123.57 -143.19	140	3991.27	134.81	3859.31	131.02	3.79	--
MW-8	03/18/13	7 7/8"	123.57 -143.19	140	3991.27	135.05	3859.07	131.26	3.79	2.3
MW-8	04/01/13	7 7/8"	123.57 -143.19	140	3991.27	134.70	3859.13	131.29	3.41	1.5
MW-8	04/15/13	7 7/8"	123.57 -143.19	140	3991.27	134.98	3859.16	131.17	3.81	1.8
MW-8	04/23/13	7 7/8"	123.57 -143.19	140	3991.27	135.37	3858.99	131.26	4.11	--
MW-8	04/29/13	7 7/8"	123.57 -143.19	140	3991.27	134.97	3859.19	131.13	3.84	2.0
MW-8	05/15/13	7 7/8"	123.57 -143.19	140	3991.27	135.08	3859.13	131.17	3.91	1.8
MW-8	05/28/13	7 7/8"	123.57 -143.19	140	3991.27	135.22	3859.07	131.21	4.01	1.8
MW-8	06/12/13	7 7/8"	123.57 -143.19	140	3991.27	135.24	3859.07	131.20	4.04	2.5
MW-8	06/26/13	7 7/8"	123.57 -143.19	140	3991.27	135.32	3859.01	131.25	4.07	2.5

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-8	07/24/13	7 7/8"	123.57 -143.19	140	3991.27	135.70	3858.79	131.42	4.28	2.0
MW-8	08/06/13	7 7/8"	123.57 -143.19	140	3991.27	135.91	3858.67	131.51	4.40	2.0
MW-8	08/21/13	7 7/8"	123.57 -143.19	140	3991.27	135.94	3858.44	131.81	4.13	2.5
MW-8	09/03/13	7 7/8"	123.57 -143.19	140	3991.27	135.91	3858.43	131.83	4.08	2.5
MW-8	09/18/13	7 7/8"	123.57 -143.19	140	3991.27	135.96	3858.44	131.80	4.16	2.5
MW-8	09/23/13	7 7/8"	123.57 -143.19	140	3991.27	135.82	3858.18	132.19	3.63	--
MW-8	09/23/13	7 7/8"	123.57 -143.19	140	3991.27	133.29	3858.30	132.87	0.42	--
MW-8	10/02/13	7 7/8"	123.57 -143.19	140	3991.27	134.73	3858.13	132.62	2.11	1.5
MW-8	10/16/13	7 7/8"	123.57 -143.19	140	3991.27	134.73	3858.02	132.76	1.97	1.0
MW-8	10/21/13	7 7/8"	123.57 -143.19	140	3991.27	134.13	3858.12	132.83	1.30	--
MW-8	10/30/13	7 7/8"	123.57 -143.19	140	3991.27	134.53	3857.94	132.94	1.59	1.0
MW-8	11/13/13	7 7/8"	123.57 -143.19	140	3991.27	134.38	3858.05	132.84	1.54	1.0
MW-8	12/04/13	7 7/8"	123.57 -143.19	140	3991.27	134.63	3858.14	132.63	2.00	1.5
MW-8	12/12/13	7 7/8"	123.57 -143.19	140	3991.27	134.90	3858.05	132.66	2.24	2.0
MW-8	12/30/13	7 7/8"	123.57 -143.19	140	3991.27	134.74	3858.12	132.62	2.12	0.8
MW-8	02/11/14	7 7/8"	123.57 -143.19	140	3991.27	135.20	3858.09	132.51	2.69	--
MW-8	02/12/14	7 7/8"	123.57 -143.19	140	3991.27	135.25	3858.09	132.50	2.75	--
MW-8	02/25/14	7 7/8"	123.57 -143.19	140	3991.27	134.91	3857.89	132.88	2.03	0.8
MW-8	03/13/14	7 7/8"	123.57 -143.19	140	3991.27	134.73	3857.95	132.86	1.87	1.0
MW-8	03/27/14	7 7/8"	123.57 -143.19	140	3991.27	135.09	3857.77	132.98	2.11	1.0
MW-8	04/10/14	7 7/8"	123.57 -143.19	140	3991.27	135.64	3857.74	132.84	2.80	1.0
MW-8	04/24/14	7 7/8"	123.57 -143.19	140	3991.27	135.91	3857.62	132.90	3.01	1.5
MW-8	05/08/14	7 7/8"	123.57 -143.19	140	3991.27	136.01	3857.66	132.82	3.19	1.5
MW-8	06/19/14	7 7/8"	123.57 -143.19	140	3991.27	136.04	3857.62	132.86	3.18	1.5
MW-8	07/03/14	7 7/8"	123.57 -143.19	140	3991.27	136.03	3857.61	132.88	3.15	1.5
MW-8	08/01/14	7 7/8"	123.57 -143.19	140	3991.27	135.90	3857.63	132.90	3.00	1.5
MW-8	08/28/14	7 7/8"	123.57 -143.19	140	3991.27	135.88	3857.55	133.01	2.87	1.0
MW-8	09/11/14	7 7/8"	123.57 -143.19	140	3991.27	135.42	3857.38	133.38	2.04	2.0

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-8	09/25/14	7 7/8"	123.57 -143.19	140	3991.27	135.91	3857.31	133.32	2.59	1.8
MW-8	10/24/14	7 7/8"	123.57 -143.19	140	3991.27	135.96	3857.27	133.36	2.60	1.5
MW-8	10/27/14	7 7/8"	123.57 -143.19	140	3991.27	135.86	3856.96	133.80	2.06	--
MW-8	01/13/15	7 7/8"	123.57 -143.19	140	3991.27	136.21	3857.19	133.38	2.83	1.0
MW-8	01/29/15	7 7/8"	123.57 -143.19	140	3991.27	136.72	3857.31	133.05	3.67	1.5
MW-8	02/10/15	7 7/8"	123.57 -143.19	140	3991.27	135.75	3857.17	133.55	2.20	1.0
MW-8	02/24/15	7 7/8"	123.57 -143.19	140	3991.27	135.70	3857.37	133.30	2.40	1.0
MW-8	03/12/15	7 7/8"	123.57 -143.19	140	3991.27	136.13	3857.09	133.54	2.59	1.0
MW-8	03/26/15	7 7/8"	123.57 -143.19	140	3991.27	136.26	3857.01	133.60	2.66	2.2
MW-8	04/09/15	7 7/8"	123.57 -143.19	140	3991.27	136.26	3857.04	133.56	2.70	1.0
MW-8	04/21/15	7 7/8"	123.57 -143.19	140	3991.27	136.23	3857.03	133.58	2.65	0.5
MW-8	05/06/15	7 7/8"	123.57 -143.19	140	3991.27	136.22	3857.07	133.53	2.69	2.0
MW-8	05/21/15	7 7/8"	123.57 -143.19	140	3991.27	136.14	3857.02	133.63	2.51	1.3
MW-8	06/04/15	7 7/8"	123.57 -143.19	140	3991.27	136.24	3857.04	133.57	2.67	0.8
MW-8	07/02/15	7 7/8"	123.57 -143.19	140	3991.27	136.39	3856.91	133.69	2.70	1.5
MW-8	07/16/15	7 7/8"	123.57 -143.19	140	3991.27	136.57	3856.82	133.75	2.82	1.5
MW-8	07/30/15	7 7/8"	123.57 -143.19	140	3991.27	134.73	3856.80	134.38	0.35	0.2
MW-8	08/27/15	7 7/8"	123.57 -143.19	140	3991.27	136.58	3856.80	133.78	2.80	23.6
MW-8	09/10/15	7 7/8"	123.57 -143.19	140	3991.27	135.40	3856.69	134.31	1.09	0.3
MW-8	09/25/15	7 7/8"	123.57 -143.19	140	3991.27	136.36	3856.75	133.91	2.45	2.9
MW-8	10/26/15	7 7/8"	123.57 -143.19	140	3991.27	136.20	3856.95	133.70	2.50	--
MW-8	11/05/15	7 7/8"	123.57 -143.19	140	3991.27	136.56	3856.74	133.86	2.70	1.0
MW-8	12/10/15	7 7/8"	123.57 -143.19	140	3991.27	136.78	3857.02	133.41	3.37	8.1
MW-8	01/14/16	7 7/8"	123.57 -143.19	140	3991.27	135.20	3856.67	134.40	0.80	0.5
MW-8	02/25/16	7 7/8"	123.57 -143.19	140	3991.27	136.05	3856.42	134.45	1.60	0.5
MW-8	02/29/16	7 7/8"	123.57 -143.19	140	3991.27	136.05	3856.42	134.45	1.60	--
MW-8	03/10/16	7 7/8"	123.57 -143.19	140	3991.27	135.74	3856.46	134.50	1.24	0.3
MW-8	03/22/16	7 7/8"	123.57 -143.19	140	3991.27	135.75	3856.46	134.50	1.25	0.5

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-8	04/04/16	7 7/8"	123.57 -143.19	140	3991.27	135.28	3856.34	134.82	0.46	0.3
MW-8	04/21/16	7 7/8"	123.57 -143.19	140	3991.27	135.27	3856.36	134.79	0.48	0.2
MW-8	05/20/16	7 7/8"	123.57 -143.19	140	3991.27	135.65	3856.32	134.72	0.93	0.3
MW-8	06/02/16	7 7/8"	123.57 -143.19	140	3991.27	136.21	3856.43	134.39	1.82	0.3
MW-8	06/16/16	7 7/8"	123.57 -143.19	140	3991.27	136.74	3856.24	134.47	2.27	1.0
MW-8	06/30/16	7 7/8"	123.57 -143.19	140	3991.27	136.19	3856.30	134.57	1.62	1.5
MW-8	07/14/16	7 7/8"	123.57 -143.19	140	3991.27	136.53	3856.42	134.30	2.23	1.0
MW-8	07/25/16	7 7/8"	123.57 -143.19	140	3991.27	136.05	3856.58	134.24	1.81	1.0
MW-8	08/22/16	7 7/8"	123.57 -143.19	140	3991.27	135.58	3856.72	134.21	1.37	--
MW-8	09/09/16	7 7/8"	123.57 -143.19	140	3991.27	135.59	3856.74	134.18	1.41	--
MW-8	09/22/16	7 7/8"	123.57 -143.19	140	3991.27	135.78	3856.63	134.27	1.51	1.0
MW-8	10/06/16	7 7/8"	123.57 -143.19	140	3991.27	135.25	3856.74	134.29	0.96	1.0
MW-8	10/20/16	7 7/8"	123.57 -143.19	140	3991.27	134.82	3856.95	134.16	0.66	0.1
MW-8	11/03/16	7 7/8"	123.57 -143.19	140	3991.27	134.43	3857.10	134.08	0.35	0.4
MW-8	11/16/16	7 7/8"	123.57 -143.19	140	3991.27	134.00	3857.33	133.92	0.08	0.1
MW-8	11/28/16	7 7/8"	123.57 -143.19	140	3991.27	134.32	3857.15	134.05	0.27	--
MW-8	12/15/16	7 7/8"	123.57 -143.19	140	3991.27	134.31	3857.14	134.07	0.24	--
MW-8	02/28/17	7 7/8"	123.57 -143.19	140	3991.27	133.85	3857.44	133.83	0.02	--
MW-8	03/08/17	7 7/8"	123.57 -143.19	140	3991.27	133.75	3857.52	--	--	--
MW-8	03/25/17	7 7/8"	123.57 -143.19	140	3991.27	133.70	3857.57	--	--	--
MW-8	04/13/17	7 7/8"	123.57 -143.19	140	3991.27	133.55	3857.72	--	--	--
MW-8	05/01/17	7 7/8"	123.57 -143.19	140	3991.27	133.45	3857.82	--	--	--
MW-8	06/12/17	7 7/8"	123.57 -143.19	140	3991.27	133.46	3857.81	--	--	--
MW-8	06/26/17	7 7/8"	123.57 -143.19	140	3991.27	133.22	3858.05	--	--	--
MW-8	07/24/17	7 7/8"	123.57 -143.19	140	3991.27	133.31	3857.96	--	--	--
MW-8	08/07/17	7 7/8"	123.57 -143.19	140	3991.27	--	--	--	--	0.5
MW-8	08/28/17	7 7/8"	123.57 -143.19	140	3991.27	133.34	3857.93	--	--	--
MW-8	09/20/17	7 7/8"	123.57 -143.19	140	3991.27	133.23	3858.04	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-8	10/16/17	7 7/8"	123.57 -143.19	140	3991.27	133.27	3858.00	--	--	--
MW-8	10/31/17	7 7/8"	123.57 -143.19	140	3991.27	133.30	3857.97	--	--	--
MW-8	11/13/17	7 7/8"	123.57 -143.19	140	3991.27	133.81	3857.46	--	--	--
MW-8	11/27/17	7 7/8"	123.57 -143.19	140	3991.27	133.34	3857.93	--	--	--
MW-8	12/11/17	7 7/8"	123.57 -143.19	140	3991.27	133.34	3857.93	--	--	--
MW-8	01/02/18	7 7/8"	123.57 -143.19	140	3991.27	133.45	3857.82	--	--	--
MW-8	01/08/18	7 7/8"	123.57 -143.19	140	3991.27	133.39	3857.88	--	--	--
MW-8	01/24/18	7 7/8"	123.57 -143.19	140	3991.27	133.63	3857.64	--	--	--
MW-8	02/05/18	7 7/8"	123.57 -143.19	140	3991.27	133.35	3857.92	--	--	--
MW-8	02/23/18	7 7/8"	123.57 -143.19	140	3991.27	133.34	3857.93	--	--	--
MW-8	03/05/18	7 7/8"	123.57 -143.19	140	3991.27	133.51	3857.76	--	--	--
MW-8	04/03/18	7 7/8"	123.57 -143.19	140	3991.27	133.52	3857.75	--	--	--
MW-8	04/16/18	7 7/8"	123.57 -143.19	140	3991.27	133.46	3857.81	--	--	--
MW-8	04/30/18	7 7/8"	123.57 -143.19	140	3991.27	133.60	3857.67	--	--	--
MW-8	05/14/18	7 7/8"	123.57 -143.19	140	3991.27	133.60	3857.67	--	--	--
MW-8	06/01/18	7 7/8"	123.57 -143.19	140	3991.27	133.66	3857.61	--	--	--
MW-8	06/11/18	7 7/8"	123.57 -143.19	140	3991.27	133.70	3857.57	--	--	--
MW-8	06/25/18	7 7/8"	123.57 -143.19	140	3991.27	134.01	3857.26	--	--	--
MW-8	07/09/18	7 7/8"	123.57 -143.19	140	3991.27	134.03	3857.24	--	--	--
MW-8	07/23/18	7 7/8"	123.57 -143.19	140	3991.27	134.08	3857.19	--	--	--
MW-8	08/03/18	7 7/8"	123.57 -143.19	140	3991.27	134.05	3857.22	--	--	--
MW-8	08/20/18	7 7/8"	123.57 -143.19	140	3991.27	134.05	3857.22	--	--	--
MW-8	08/27/18	7 7/8"	123.57 -143.19	140	3991.27	134.07	3857.20	--	--	--
MW-8	10/01/18	7 7/8"	123.57 -143.19	140	3991.27	134.02	3857.25	--	--	--
MW-8	10/15/18	7 7/8"	123.57 -143.19	140	3991.27	134.04	3857.23	--	--	--
MW-8	11/13/18	7 7/8"	123.57 -143.19	140	3991.27	134.12	3857.15	--	--	--
MW-8	12/03/18	7 7/8"	123.57 -143.19	140	3991.27	134.26	3857.01	--	--	--
MW-8	12/11/18	7 7/8"	123.57 -143.19	140	3991.27	134.22	3857.05	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-8	01/28/19	7 7/8"	123.57 -143.19	140	3991.27	134.59	3856.68	--	--	--
MW-8	03/05/19	7 7/8"	123.57 -143.19	140	3991.27	135.44	3855.83	137.79	-2.35	--
MW-8	3/18/19	7 7/8"	123.57 -143.19	140	3991.27	135.67	3855.60	134.64	1.03	0.8
MW-8	4/5/19	7 7/8"	123.57 -143.19	140	3991.27	136.39	3854.88	134.45	1.94	0.8
MW-8	4/18/19	7 7/8"	123.57 -143.19	140	3991.27	136.59	3854.68	134.53	2.06	1.0
MW-8	4/29/19	7 7/8"	123.57 -143.19	140	3991.27	136.92	3854.35	134.49	2.43	0.5
MW-8	5/29/19	7 7/8"	123.57 -143.19	140	3991.27	136.39	3854.88	134.49	1.90	0.4
MW-8	6/10/19	7 7/8"	123.57 -143.19	140	3991.27	136.22	3855.05	134.58	1.64	0.6
MW-8	6/24/19	7 7/8"	123.57 -143.19	140	3991.27	135.91	3855.36	134.54	1.37	0.7
MW-8	7/12/19	7 7/8"	123.57 -143.19	140	3991.27	135.97	3855.30	134.63	1.34	0.5
MW-8	7/22/19	7 7/8"	123.57 -143.19	140	3991.27	135.99	3855.28	134.76	1.23	1.0
MW-8	8/5/19	7 7/8"	123.57 -143.19	140	3991.27	135.95	3855.32	134.72	1.23	0.2
MW-8	8/19/19	7 7/8"	123.57 -143.19	140	3991.27	136.11	3855.16	134.72	1.39	0.3
MW-8	9/6/19	7 7/8"	123.57 -143.19	140	3991.27	136.12	3855.15	134.63	1.49	0.5
MW-8	9/16/19	7 7/8"	123.57 -143.19	140	3991.27	135.85	3855.42	134.86	0.99	0.2
MW-8	9/30/19	7 7/8"	123.57 -143.19	140	3991.27	135.85	3855.42	134.80	1.05	0.2
MW-8	1/28/19	7 7/8"	123.57 - 143.19	140	3991.27	134.59	3856.68	--	--	--
MW-8	12/16/19	7 7/8"	123.57 -143.19	140	3991.27	135.46	3856.37	134.72	0.74	--
MW-8	01/30/20	7 7/8"	123.57 - 143.19		3991.27	137.06	3856.03	134.64	2.42	0.5
MW-8	02/12/20	7 7/8"	123.57 - 143.19		3991.27	137.03	3856.07	134.60	2.43	1.5
MW-8	02/27/20	7 7/8"	123.57 - 143.19		3991.27	137.06	3856.00	134.68	2.38	1.0
MW-8	03/13/20	7 7/8"	123.57 - 143.19		3991.27	137.13	3855.96	134.71	2.42	2.0
MW-8	03/27/20	7 7/8"	123.57 - 143.19		3991.27	137.17	3855.90	134.78	2.39	--
MW-8	04/06/20	7 7/8"	123.57 - 143.19	143.43	3991.27	137.04	3855.97	134.73	2.31	--
MW-8	04/07/20	7 7/8"	123.57 - 143.19		3991.27	137.08	3855.96	134.73	2.35	1.0
MW-8	04/23/20	7 7/8"	123.57 - 143.19		3991.27	137.14	3855.89	134.80	2.34	--
MW-8	05/12/20	7 7/8"	123.57 - 143.19		3991.27	136.95	3855.97	134.75	2.20	1.5
MW-8	06/09/21	7 7/8"	123.57 - 143.19		3991.27	136.92	3855.91	134.85	2.07	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-8	07/20/21	7 7/8"	123.57 - 143.19		3991.27	136.15	3856.18	134.74	1.41	--
MW-8	09/14/21	7 7/8"	123.57 - 143.19		3991.27	136.34	3856.17	134.69	1.65	1.0
MW-8	10/21/21	7 7/8"	123.57 - 143.19		3991.27	135.38	3856.31	134.82	0.56	1.5
MW-8	11/10/21	7 7/8"	123.57 - 143.19		3991.27	136.84	3855.93	134.85	1.99	1.0
MW-8	12/22/21	7 7/8"	123.57 - 143.19		3991.27	136.88	3855.71	135.12	1.76	1.0
MW-9	10/08/02	2"	123 - 145	145	3990.40	132.33	3858.07	--	--	--
MW-9	08/11/03	2"	123 - 145	145	3990.40	130.27	3860.13	--	--	--
MW-9	02/16/05	2"	123 - 145	145	3990.40	128.96	3861.44	--	--	--
MW-9	04/07/06	2"	123 - 145	145	3990.40	130.45	3859.95	--	--	--
MW-9	06/29/06	2"	123 - 145	145	3990.40	---------- not gauged ----------				--
MW-9	10/12/06	2"	123 - 145	145	3990.40	130.43	3859.97	--	--	--
MW-9	04/26/07	2"	123 - 145	145	3990.40	130.35	3860.05	--	--	--
MW-9	10/18/07	2"	123 - 145	145	3990.40	130.26	3860.14	--	--	--
MW-9	05/21/08	2"	123 - 145	145	3990.40	130.29	3860.11	--	--	--
MW-9	10/20/08	2"	123 - 145	145	3990.40	130.41	3859.99	--	--	--
MW-9	04/09/09	2"	123 - 145	145	3990.40	130.87	3859.53	--	--	--
MW-9	09/29/09	2"	123 - 145	145	3990.40	131.40	3859.00	--	--	--
MW-9	04/05/10	2"	123 - 145	145	3990.40	131.66	3858.74	--	--	--
MW-9	10/04/10	2"	123 - 145	145	3990.40	131.85	3858.55	--	--	--
MW-9	04/18/11	2"	123 - 145	145	3990.40	132.30	3858.10	--	--	--
MW-9	10/18/11	2"	123 - 145	145	3990.40	134.75	3857.97	131.66	3.09	--
MW-9	02/01/12	2"	123 - 145	145	3990.40	135.92	3858.12	131.08	4.84	2.0
MW-9	02/16/12	2"	123 - 145	145	3990.40	135.73	3858.30	130.90	4.83	2.5
MW-9	02/28/12	2"	123 - 145	145	3990.40	135.97	3858.21	130.94	5.03	2.0
MW-9	03/12/12	2"	123 - 145	145	3990.40	135.96	3858.16	131.01	4.95	2.7
MW-9	03/29/12	2"	123 - 145	145	3990.40	135.87	3858.20	130.99	4.88	2.5
MW-9	04/10/12	2"	123 - 145	145	3990.40	135.92	3858.22	130.94	4.98	2.0

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-9	04/23/12	2"	123 - 145	145	3990.40	135.95	3858.26	130.88	5.07	0.0
MW-9	05/08/12	2"	123 - 145	145	3990.40	135.89	3858.30	130.85	5.04	2.0
MW-9	05/21/12	2"	123 - 145	145	3990.40	135.76	3858.43	130.72	5.04	2.9
MW-9	06/04/12	2"	123 - 145	145	3990.40	135.88	3858.37	130.76	5.12	2.0
MW-9	06/18/12	2"	123 - 145	145	3990.40	135.99	3858.41	130.67	5.32	2.5
MW-9	07/03/12	2"	123 - 145	145	3990.40	135.95	3858.38	130.72	5.23	2.5
MW-9	07/16/12	2"	123 - 145	145	3990.40	135.90	3858.43	130.67	5.23	7.0
MW-9	08/02/12	2"	123 - 145	145	3990.40	135.85	3858.48	130.63	5.22	4.0
MW-9	08/17/12	2"	123 - 145	145	3990.40	135.87	3858.43	130.69	5.18	0.0
MW-9	08/28/12	2"	123 - 145	145	3990.40	135.79	3858.55	130.55	5.24	4.0
MW-9	09/21/12	2"	123 - 145	145	3990.40	135.65	3858.65	130.47	5.18	2.5
MW-9	09/24/12	2"	123 - 145	145	3990.40	135.58	3858.75	130.35	5.23	4.0
MW-9	10/08/12	2"	123 - 145	145	3990.40	135.74	3858.71	130.35	5.39	2.5
MW-9	10/22/12	2"	123 - 145	145	3990.40	135.77	3858.69	130.37	5.40	2.5
MW-9	11/05/12	2"	123 - 145	145	3990.40	135.71	3858.46	130.70	5.01	0.0
MW-9	11/20/12	2"	123 - 145	145	3990.40	135.84	3858.64	130.42	5.42	3.0
MW-9	01/08/13	2"	123 - 145	145	3990.40	135.81	3858.63	130.44	5.37	3.0
MW-9	01/21/13	2"	123 - 145	145	3990.40	135.68	3858.67	130.43	5.25	3.5
MW-9	01/30/13	2"	123 - 145	145	3990.40	135.62	3858.74	130.36	5.26	4.0
MW-9	02/13/13	2"	123 - 145	145	3990.40	135.60	3858.76	130.33	5.27	--
MW-9	02/18/13	2"	123 - 145	145	3990.40	135.58	3858.58	130.58	5.00	2.5
MW-9	03/04/13	2"	123 - 145	145	3990.40	135.68	3858.71	130.38	5.30	--
MW-9	03/18/13	2"	123 - 145	145	3990.40	135.68	3858.62	130.50	5.18	2.5
MW-9	04/01/13	2"	123 - 145	145	3990.40	135.58	3858.71	130.41	5.17	3.0
MW-9	04/15/13	2"	123 - 145	145	3990.40	135.75	3858.70	130.37	5.38	2.3
MW-9	04/23/13	2"	123 - 145	145	3990.40	135.66	3858.58	130.55	5.11	--
MW-9	04/29/13	2"	123 - 145	145	3990.40	135.72	3858.72	130.35	5.37	3.0
MW-9	05/15/13	2"	123 - 145	145	3990.40	135.74	3858.69	130.38	5.36	2.7

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-9	05/28/13	2"	123 - 145	145	3990.40	135.75	3858.64	130.45	5.30	2.8
MW-9	06/12/13	2"	123 - 145	145	3990.40	135.70	3858.63	130.47	5.23	2.3
MW-9	06/26/13	2"	123 - 145	145	3990.40	135.71	3858.59	130.53	5.18	2.5
MW-9	07/24/13	2"	123 - 145	145	3990.40	135.81	3859.06	129.87	5.94	2.0
MW-9	08/06/13	2"	123 - 145	145	3990.40	135.81	3858.16	131.06	4.75	2.3
MW-9	08/21/13	2"	123 - 145	145	3990.40	135.84	3857.88	131.43	4.41	2.5
MW-9	09/03/13	2"	123 - 145	145	3990.40	135.82	3857.90	131.41	4.41	2.5
MW-9	09/18/13	2"	123 - 145	145	3990.40	135.82	3857.91	131.39	4.43	2.5
MW-9	09/23/13	2"	123 - 145	145	3990.40	135.61	3857.48	132.03	3.58	--
MW-9	09/23/13	2"	123 - 145	145	3990.40	133.09	3857.55	132.77		--
MW-9	10/02/13	2"	123 - 145	145	3990.40	135.80	3857.45	132.01	3.79	2.0
MW-9	10/16/13	2"	123 - 145	145	3990.40	135.68	3857.37	132.15	3.53	1.5
MW-9	10/21/13	2"	123 - 145	145	3990.40	135.61	3857.42	132.11	3.50	--
MW-9	10/30/13	2"	123 - 145	145	3990.40	135.98	3857.28	132.18	3.80	2.5
MW-9	11/13/13	2"	123 - 145	145	3990.40	135.88	3857.42	132.02	3.86	2.5
MW-9	12/04/13	2"	123 - 145	145	3990.40	135.95	3857.61	131.75	4.20	2.0
MW-9	12/12/13	2"	123 - 145	145	3990.40	136.05	3857.49	131.87	4.18	2.0
MW-9	12/30/13	2"	123 - 145	145	3990.40	135.98	3857.59	131.76	4.22	1.3
MW-9	02/11/14	2"	123 - 145	145	3990.40	136.10	3857.52	131.82	4.28	--
MW-9	02/25/14	2"	123 - 145	145	3990.40	136.22	3857.26	132.12	4.10	1.5
MW-9	02/25/14	2"	123 - 145	145	3990.40	133.01	3857.40	133.00		NA
MW-9	03/13/14	2"	123 - 145	145	3990.40	136.12	3857.27	132.15	3.97	1.5
MW-9	03/27/14	2"	123 - 145	145	3990.40	136.17	3857.12	132.33	3.84	2.5
MW-9	04/10/14	2"	123 - 145	145	3990.40	136.24	3857.08	132.36	3.88	1.0
MW-9	04/24/14	2"	123 - 145	145	3990.40	136.25	3856.98	132.49	3.76	2.3
MW-9	05/08/14	2"	123 - 145	145	3990.40	136.26	3857.07	132.36	3.90	2.5
MW-9	06/19/14	2"	123 - 145	145	3990.40	136.33	3857.01	132.42	3.91	2.0
MW-9	07/03/14	2"	123 - 145	145	3990.40	---------- not gauged ----------				--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-9	08/01/14	2"	123 - 145	145	3990.40	136.41	3857.01	132.40	4.01	2.5
MW-9	08/28/14	2"	123 - 145	145	3990.40	136.51	3856.89	132.52	3.99	2.0
MW-9	09/11/14	2"	123 - 145	145	3990.40	---------- not gauged ----------				--
MW-9	10/24/14	2"	123 - 145	145	3990.40	136.64	3856.63	132.82	3.82	2.0
MW-9	10/27/14	2"	123 - 145	145	3990.40	136.60	3856.70	132.75	3.85	--
MW-9	01/13/15	2"	123 - 145	145	3990.40	136.59	3856.67	132.79	3.80	2.0
MW-9	01/29/15	2"	123 - 145	145	3990.40	136.20	3856.24	133.49	2.71	1.5
MW-9	02/10/15	2"	123 - 145	145	3990.40	136.66	3856.56	132.91	3.75	1.5
MW-9	02/24/15	2"	123 - 145	145	3990.40	136.68	3856.68	132.75	3.93	2.0
MW-9	03/12/15	2"	123 - 145	145	3990.40	136.85	3856.37	133.10	3.75	1.0
MW-9	03/26/15	2"	123 - 145	145	3990.40	136.77	3856.26	133.27	3.50	2.1
MW-9	04/09/15	2"	123 - 145	145	3990.40	136.74	3856.34	133.18	3.56	1.0
MW-9	04/21/15	2"	123 - 145	145	3990.40	136.81	3856.33	133.16	3.65	1.0
MW-9	05/06/15	2"	123 - 145	145	3990.40	---------- not gauged ----------				--
MW-9	05/21/15	2"	123 - 145	145	3990.40	---------- not gauged ----------				--
MW-9	06/04/15	2"	123 - 145	145	3990.40	136.83	3856.29	133.21	3.62	1.5
MW-9	07/02/15	2"	123 - 145	145	3990.40	136.90	3856.20	133.31	3.59	2.0
MW-9	07/16/15	2"	123 - 145	145	3990.40	137.00	3856.08	133.43	3.57	2.0
MW-9	07/30/15	2"	123 - 145	145	3990.40	134.42	3856.11	134.25		--
MW-9	08/27/15	2"	123 - 145	145	3990.40	136.97	3856.05	133.48	3.49	86.4
MW-9	09/10/15	2"	123 - 145	145	3990.40	137.05	3855.94	133.61	3.44	0.3
MW-9	09/25/15	2"	123 - 145	145	3990.40	136.98	3855.74	133.89	3.09	2.9
MW-9	10/08/15	2"	123 - 145	145	3990.40	---------- not gauged ----------				--
MW-9	10/26/15	2"	123 - 145	145	3990.40	---------- not gauged ----------				--
MW-9	11/05/15	2"	123 - 145	145	3990.40	136.95	3856.09	133.44	3.51	1.5
MW-9	12/10/15	2"	123 - 145	145	3990.40	136.11	3855.97	133.88	2.23	75.6
MW-9	12/11/15	2"	123 - 145	145	3990.40	136.27	3856.20	133.52	2.75	48.1
MW-9	01/14/16	2"	123 - 145	145	3990.40	---------- not gauged ----------				--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-9	02/25/16	2"	123 - 145	145	3990.40	136.70	3855.69	134.05	2.65	1.5
MW-9	02/29/16	2"	123 - 145	145	3990.40	136.70	3855.69	134.05	2.65	--
MW-9	03/10/16	2"	123 - 145	145	3990.40	137.24	3855.69	133.87	3.37	1.5
MW-9	03/22/16	2"	123 - 145	145	3990.40	137.26	3855.67	133.90	3.36	1.5
MW-9	04/04/16	2"	123 - 145	145	3990.40	137.38	3855.61	133.93	3.45	1.4
MW-9	04/21/16	2"	123 - 145	145	3990.40	137.12	3856.04	133.45	3.67	2.5
MW-9	05/20/16	2"	123 - 145	145	3990.40	136.93	3856.12	133.41	3.52	1.3
MW-9	06/02/16	2"	123 - 145	145	3990.40	137.39	3855.45	134.14	3.25	1.5
MW-9	06/16/16	2"	123 - 145	145	3990.40	137.48	3854.97	134.76	2.72	1.5
MW-9	06/30/16	2"	123 - 145	145	3990.40	137.37	3855.47	134.12	3.25	1.5
MW-9	07/14/16	2"	123 - 145	145	3990.40	136.89	3855.71	133.97	2.92	1.5
MW-9	07/25/16	2"	123 - 145	145	3990.40	136.52	3855.91	133.82	2.70	2.0
MW-9	08/22/16	2"	123 - 145	145	3990.40	135.98	3856.07	133.78	2.20	--
MW-9	09/09/16	2"	123 - 145	145	3990.40	---------- not gauged ----------				--
MW-9	09/22/16	2"	123 - 145	145	3990.40	136.35	3856.39	133.24	3.11	1.5
MW-9	10/06/16	2"	123 - 145	145	3990.40	136.31	3856.41	133.22	3.09	1.5
MW-9	10/20/16	2"	123 - 145	145	3990.40	134.95	3856.41	133.68	1.27	1.3
MW-9	11/03/16	2"	123 - 145	145	3990.40	134.75	3856.58	133.51	1.24	1.2
MW-9	11/16/16	2"	123 - 145	145	3990.40	134.48	3856.72	133.42	1.06	1.1
MW-9	11/28/16	2"	123 - 145	145	3990.40	134.52	3856.67	133.47	1.05	1.0
MW-9	12/15/16	2"	123 - 145	145	3990.40	134.50	3856.68	133.46	1.04	1.0
MW-9	02/06/17	2"	123 - 145	145	3990.40	134.56	3857.04	132.97	1.59	1.3
MW-9	02/28/17	2"	123 - 145	145	3990.40	135.21	3856.79	133.08	2.13	--
MW-9	03/08/17	2"	123 - 145	145	3990.40	134.30	3857.08	133.00	1.30	0.5
MW-9	03/25/17	2"	123 - 145	145	3990.40	134.47	3857.10	132.91	1.56	0.8
MW-9	04/13/17	2"	123 - 145	145	3990.40	---------- not gauged ----------				--
MW-9	05/01/17	2"	123 - 145	145	3990.40	133.95	3857.41	132.67	1.28	1.0
MW-9	06/12/17	2"	123 - 145	145	3990.40	133.73	3857.52	132.60	1.13	0.8

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-9	06/26/17	2"	123 - 145	145	3990.40	133.64	3857.59	132.53	1.11	1.0
MW-9	07/24/17	2"	123 - 145	145	3990.40	134.07	3857.48	132.54	1.53	1.0
MW-9	08/07/17	2"	123 - 145	145	3990.40					
MW-9	08/28/17	2"	123 - 145	145	3990.40	134.23	3857.42	132.57	1.66	0.3
MW-9	09/20/17	2"	123 - 145	145	3990.40	133.97	3857.53	132.51	1.46	0.5
MW-9	10/16/17	2"	123 - 145	145	3990.40	134.18	3857.72	132.18	2.00	0.5
MW-9	10/31/17	2"	123 - 145	145	3990.40	134.11	3857.55	132.43	1.68	0.6
MW-9	11/13/17	2"	123 - 145	145	3990.40	134.30	3857.44	132.52	1.78	0.5
MW-9	11/27/17	2"	123 - 145	145	3990.40	134.23	3857.55	132.40	1.83	1.3
MW-9	12/11/17	2"	123 - 145	145	3990.40	134.21	3857.53	132.43	1.78	--
MW-9	01/02/18	2"	123 - 145	145	3990.40	134.40	3857.35	132.60	1.80	1.0
MW-9	01/08/18	2"	123 - 145	145	3990.40	134.41	3857.43	132.49	1.92	1.0
MW-9	01/24/18	2"	123 - 145	145	3990.40	134.52	3857.19	132.78	1.74	1.0
MW-9	02/05/18	2"	123 - 145	145	3990.40	134.58	3857.44	132.42	2.16	0.3
MW-9	02/23/18	2"	123 - 145	145	3990.40	134.24	3857.57	132.37	1.87	1.0
MW-9	03/05/18	2"	123 - 145	145	3990.40	134.20	3857.37	132.65	1.55	1.0
MW-9	04/03/18	2"	123 - 145	145	3990.40	134.45	3857.27	132.69	1.76	--
MW-9	04/16/18	2"	123 - 145	145	3990.40	134.65	3857.36	132.51	2.14	1.0
MW-9	04/30/18	2"	123 - 145	145	3990.40	134.89	3857.20	132.64	2.25	0.6
MW-9	05/14/18	2"	123 - 145	145	3990.40	134.93	3857.15	132.69	2.24	0.5
MW-9	06/01/18	2"	123 - 145	145	3990.40	135.10	3857.07	132.74	2.36	--
MW-9	06/11/18	2"	123 - 145	145	3990.40	135.21	3857.00	132.80	2.41	2.0
MW-9	06/25/18	2"	123 - 145	145	3990.40	135.52	3856.69	133.11	2.41	--
MW-9	07/09/18	2"	123 - 145	145	3990.40	135.83	3856.62	133.11	2.72	0.8
MW-9	07/23/18	2"	123 - 145	145	3990.40	135.76	3856.66	133.08	2.68	0.9
MW-9	08/03/18	2"	123 - 145	145	3990.40	135.72	3856.66	133.09	2.63	1.3
MW-9	08/20/18	2"	123 - 145	145	3990.40	135.63	3856.69	133.08	2.55	1.3
MW-9	08/27/18	2"	123 - 145	145	3990.40	135.49	3856.77	133.02	2.47	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-9	10/01/18	2"	123 - 145	145	3990.40	135.38	3856.79	133.03	2.35	1.4
MW-9	10/15/18	2"	123 - 145	145	3990.40	135.44	3856.75	133.06	2.38	--
MW-9	11/13/18	2"	123 - 145	145	3990.40	135.47	3856.68	133.14	2.33	1.2
MW-9	12/03/18	2"	123 - 145	145	3990.40	136.01	3856.47	133.24	2.77	2.0
MW-9	01/28/19	2"	123 - 145	145	3990.40	136.11	3856.44	133.25	2.86	1.5
MW-9	12/16/19	2"	123 - 145	145	3990.40	136.34	3856.17	133.53	2.81	--
MW-9	01/30/20	2"	123 - 145		3990.40	137.34	3855.47	134.13	3.21	5.0
MW-9	02/12/20	2"	123 - 145		3990.40	137.38	3855.46	134.13	3.25	2.5
MW-9	02/27/20	2"	123 - 145		3990.40	137.44	3855.40	134.19	3.25	2.0
MW-9	03/13/20	2"	123 - 145		3990.40	---------- not gauged ----------				--
MW-9	03/27/20	2"	123 - 145		3990.40	137.49	3855.31	134.30	3.19	--
MW-9	04/06/20	2"	123 - 145	148.15	3990.40	137.50	3855.31	134.30	3.20	--
MW-9	04/07/20	2"	123 - 145		3990.40	137.50	3855.31	134.30	3.20	2.0
MW-9	04/23/20	2"	123 - 145		3990.40	137.51	3855.30	134.30	3.21	--
MW-9	05/12/20	2"	123 - 145		3990.40	137.38	3855.43	134.18	3.20	2.5
MW-9	06/09/21	2"	123 - 145		3990.40	136.91	3855.51	134.23	2.68	--
MW-9	07/20/21	2"	123 - 145		3990.40	136.25	3855.78	134.08	2.17	--
MW-9	09/14/21	2"	123 - 145		3990.40	136.28	3855.80	134.04	2.24	4.0
MW-9	10/21/21	2"	123 - 145		3990.40	136.35	3855.67	134.20	2.15	11.5
MW-9	11/10/21	2"	123 - 145		3990.40	136.55	3855.59	134.23	2.32	8.0
MW-9	12/22/21	2"	123 - 145		3990.40	137.00	3855.35	134.41	2.59	7.0
MW-10	10/08/02	2"	123 - 145	145	3992.85	133.64	3859.21	--	--	--
MW-10	08/11/03	2"	123 - 145	145	3992.85	132.12	3860.73	--	--	--
MW-10	02/16/05	2"	123 - 145	145	3992.85	130.88	3861.97	--	--	--
MW-10	04/07/06	2"	123 - 145	145	3992.85	131.87	3860.98	--	--	--
MW-10	06/29/06	2"	123 - 145	145	3992.85	---------- not gauged ----------				--
MW-10	10/12/06	2"	123 - 145	145	3992.85	132.08	3860.77	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-10	04/26/07	2"	123 - 145	145	3992.85	132.02	3860.83	--	--	--
MW-10	10/18/07	2"	123 - 145	145	3992.85	132.03	3860.82	--	--	--
MW-10	05/14/08	2"	123 - 145	145	3992.85	132.03	3860.82	--	--	--
MW-10	10/14/08	2"	123 - 145	145	3992.85	132.08	3860.77	--	--	--
MW-10	04/09/09	2"	123 - 145	145	3992.85	132.46	3860.39	--	--	--
MW-10	09/29/09	2"	123 - 145	145	3992.85	132.79	3860.06	--	--	--
MW-10	04/05/10	2"	123 - 145	145	3992.85	133.04	3859.81	--	--	--
MW-10	10/04/10	2"	123 - 145	145	3992.85	133.21	3859.64	--	--	--
MW-10	04/18/11	2"	123 - 145	145	3992.85	133.65	3859.20	--	--	--
MW-10	10/18/11	2"	123 - 145	145	3992.85	133.71	3859.14	--	--	--
MW-10	04/23/12	2"	123 - 145	145	3992.85	133.61	3859.24	--	--	--
MW-10	11/05/12	2"	123 - 145	145	3992.85	133.36	3859.49	--	--	--
MW-10	04/23/13	2"	123 - 145	145	3992.85	133.57	3859.28	--	--	--
MW-10	10/21/13	2"	123 - 145	145	3992.85	134.14	3858.71	--	--	--
MW-10	02/11/14	2"	123 - 145	145	3992.85	134.20	3858.65	--	--	--
MW-10	10/27/14	2"	123 - 145	145	3992.85	134.81	3858.04	--	--	--
MW-10	02/24/15	2"	123 - 145	145	3992.85	134.75	3858.10	--	--	--
MW-10	10/26/15	2"	123 - 145	145	3992.85	135.17	3857.68	--	--	--
MW-10	02/29/16	2"	123 - 145	145	3992.85	135.42	3857.43	--	--	--
MW-10	08/22/16	2"	123 - 145	145	3992.85	135.42	3857.43	--	--	--
MW-10	02/28/17	2"	123 - 145	145	3992.85	134.83	3858.02	--	--	--
MW-10	08/28/17	2"	123 - 145	145	3992.85	134.52	3858.33	--	--	--
MW-10	04/03/18	2"	123 - 145	145	3992.85	134.72	3858.13	--	--	--
MW-10	08/27/18	2"	123 - 145	145	3992.85	135.11	3857.74	--	--	--
MW-10	01/28/19	2"	123 - 145	145	3992.85	Obstruction at 3 ft		--	--	--
MW-10	12/16/19	2"	123 - 145	145	3992.85	136.30	3856.55	--	--	--
MW-10	04/06/20	2"	123 - 145	147.51	3992.85	136.38	3856.47	--	--	--
MW-10	06/09/21	2"	123 - 145	148.89	3992.85	133.50	3859.35	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-10	11/10/21	2"	123 - 145	140.32	3992.85	133.61	3859.24	--	--	--
MW-11	10/08/02	2"	123 - 145	145	3991.74	132.18	3859.56	--	--	--
MW-11	08/11/03	2"	123 - 145	145	3991.74	130.68	3861.06	--	--	--
MW-11	02/16/05	2"	123 - 145	145	3991.74	129.43	3862.31	--	--	--
MW-11	04/07/06	2"	123 - 145	145	3991.74	130.49	3861.25	--	--	--
MW-11	06/29/06	2"	123 - 145	145	3991.74	---------- not gauged ----------				--
MW-11	10/12/06	2"	123 - 145	145	3991.74	130.70	3861.04	--	--	--
MW-11	04/26/07	2"	123 - 145	145	3991.74	130.65	3861.09	--	--	--
MW-11	10/18/07	2"	123 - 145	145	3991.74	130.69	3861.05	--	--	--
MW-11	05/14/08	2"	123 - 145	145	3991.74	130.65	3861.09	--	--	--
MW-11	10/14/08	2"	123 - 145	145	3991.74	130.77	3860.97	--	--	--
MW-11	04/09/09	2"	123 - 145	145	3991.74	NG--Well Destroyed		--	--	--
MW-12	10/08/02	2"	123 - 145	145	3989.62	129.77	3859.85	--	--	--
MW-12	08/11/03	2"	123 - 145	145	3989.62	128.77	3860.85	--	--	--
MW-12	02/16/05	2"	123 - 145	145	3989.62	127.65	3861.97	--	--	--
MW-12	04/07/06	2"	123 - 145	145	3989.62	128.80	3860.82	--	--	--
MW-12	06/29/06	2"	123 - 145	145	3989.62	---------- not gauged ----------				--
MW-12	10/12/06	2"	123 - 145	145	3989.62	128.91	3860.71	--	--	--
MW-12	04/26/07	2"	123 - 145	145	3989.62	128.82	3860.80	--	--	--
MW-12	10/18/07	2"	123 - 145	145	3989.62	128.81	3860.81	--	--	--
MW-12	05/14/08	2"	123 - 145	145	3989.62	128.78	3860.84	--	--	--
MW-12	10/14/08	2"	123 - 145	145	3989.62	128.90	3860.72	--	--	--
MW-12	04/09/09	2"	123 - 145	145	3989.62	129.40	3860.22	--	--	--
MW-12	09/29/09	2"	123 - 145	145	3989.62	129.84	3859.78	--	--	--
MW-12	04/05/10	2"	123 - 145	145	3989.62	130.06	3859.56	--	--	--
MW-12	10/04/10	2"	123 - 145	145	3989.62	130.24	3859.38	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-12	04/18/11	2"	123 - 145	145	3989.62	130.75	3858.87	--	--	--
MW-12	10/18/11	2"	123 - 145	145	3989.62	130.96	3858.66	--	--	--
MW-12	04/23/12	2"	123 - 145	145	3989.62	130.61	3859.01	--	--	--
MW-12	10/21/13	2"	123 - 145	145	3989.62	131.61	3858.01	--	--	--
MW-12	11/05/12	2"	123 - 145	145	3989.62	130.31	3859.31	--	--	--
MW-12	04/23/13	2"	123 - 145	145	3989.62	---------- damaged ----------				--
MW-12	10/21/13	2"	123 - 145	145	3989.62	131.61	3858.01	--	--	--
MW-12	02/11/14	2"	123 - 145	145	3989.62	131.20	3858.42	--	--	--
MW-12	10/27/14	2"	123 - 145	145	3989.62	131.93	3857.69	--	--	--
MW-12	02/24/15	2"	123 - 145	145	3989.62	131.95	3857.67	--	--	--
MW-12	10/26/15	2"	123 - 145	145	3989.62	132.21	3857.41	--	--	--
MW-12	02/29/16	2"	123 - 145	145	3989.62	132.80	3856.82	--	--	--
MW-12	08/22/16	2"	123 - 145	145	3989.62	132.71	3856.91	--	--	--
MW-12	02/28/17	2"	123 - 145	145	3989.62	131.80	3857.82	--	--	--
MW-12	08/28/17	2"	123 - 145	145	3989.62	131.80	3857.82	--	--	--
MW-12	04/03/18	2"	123 - 145	145	3989.62	131.61	3858.01	--	--	--
MW-12	08/27/18	2"	123 - 145	145	3989.62	132.13	3857.49	--	--	--
MW-12	01/28/19	2"	123 - 145	145	3989.62	133.05	3856.57	--	--	--
MW-12	12/16/19	2"	123 - 145	145	3989.62	133.12	3856.50	--	--	--
MW-12	04/06/20	2"	123 - 145	139.55	3989.62	133.27	3856.35	--	--	--
MW-12	06/09/21	2"	123 - 145	144.58	3989.62	133.21	3856.41	--	--	--
MW-12	11/10/21	2"	123 - 145	144.54	3989.62	133.23	3856.39	--	--	--
MW-13	10/08/02	2"	123 - 145	145	3990.60	132.59	3858.01	--	--	--
MW-13	08/11/03	2"	123 - 145	145	3990.60	130.37	3860.23	--	--	--
MW-13	02/16/05	2"	123 - 145	145	3990.60	129.30	3861.30	--	--	--
MW-13	04/07/06	2"	123 - 145	145	3990.60	130.59	3860.01	--	--	--
MW-13	06/29/06	2"	123 - 145	145	3990.60	---------- not gauged ----------				--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-13	10/12/06	2"	123 - 145	145	3990.60	132.62	3857.98	--	--	--
MW-13	04/26/07	2"	123 - 145	145	3990.60	130.47	3860.13	--	--	--
MW-13	10/18/07	2"	123 - 145	145	3990.60	130.41	3860.19	--	--	--
MW-13	05/20/08	2"	123 - 145	145	3990.60	130.41	3860.19	--	--	--
MW-13	10/20/08	2"	123 - 145	145	3990.60	129.04	3861.56	--	--	--
MW-13	04/09/09	2"	123 - 145	145	3990.60	131.05	3859.55	--	--	--
MW-13	09/29/09	2"	123 - 145	145	3990.60	131.58	3859.02	--	--	--
MW-13	04/05/10	2"	123 - 145	145	3990.60	131.85	3858.75	--	--	--
MW-13	10/04/10	2"	123 - 145	145	3990.60	132.06	3858.54	--	--	--
MW-13	04/18/11	2"	123 - 145	145	3990.60	132.65	3857.95	--	--	--
MW-13	10/18/11	2"	123 - 145	145	3990.60	132.73	3857.87	--	--	--
MW-13	04/23/12	2"	123 - 145	145	3990.60	132.27	3858.33	--	--	--
MW-13	11/05/12	2"	123 - 145	145	3990.60	131.85	3858.75	--	--	--
MW-13	04/23/13	2"	123 - 145	145	3990.60	131.92	3858.68	--	--	--
MW-13	10/21/13	2"	123 - 145	145	3990.6	133.36	3857.24	--	--	--
MW-13	02/11/14	2"	123 - 145	145	3990.60	133.06	3857.54	--	--	--
MW-13	10/27/14	2"	123 - 145	145	3990.60	133.92	3856.68	--	--	--
MW-13	02/24/15	2"	123 - 145	145	3990.60	134.00	3856.60	--	--	--
MW-13	10/26/15	2"	123 - 145	145	3990.60	134.32	3856.28	--	--	--
MW-13	02/29/16	2"	123 - 145	145	3990.60	134.85	3855.75	--	--	--
MW-13	08/22/16	2"	123 - 145	145	3990.60	134.35	3856.25	--	--	--
MW-13	2/28/2017	2"	123 - 145	145	3990.60	133.70	3856.90	--	--	--
MW-13	08/28/17	2"	123 - 145	145	3990.60	133.30	3857.30	--	--	--
MW-13	04/03/18	2"	123 - 145	145	3990.60	133.25	3857.35	--	--	--
MW-13	08/27/18	2"	123 - 145	145	3990.60	133.81	3856.79	--	--	--
MW-13	01/28/19	2"	123 - 145	145	3990.60	134.70	3855.90	--	--	--
MW-13	12/16/19	2"	123 - 145	145	3990.60	135.12	3855.48	--	--	--
MW-13	04/06/20	2"	123 - 145	144.72	3990.60	135.16	3855.44	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-13	06/09/21	2"	123 - 145	144.80	3990.60	134.93	3855.67	--	--	--
MW-13	11/10/21	2"	123 - 145	144.67	3990.60	134.93	3855.67	--	--	--
MW-14	10/08/02	2"	123 - 145	145	3991.27	133.31	3857.96	--	--	--
MW-14	08/11/03	2"	123 - 145	145	3991.27	131.17	3860.10	--	--	--
MW-14	02/16/05	2"	123 - 145	145	3991.27	130.12	3861.15	--	--	--
MW-14	04/07/06	2"	123 - 145	145	3991.27	131.53	3859.74	--	--	--
MW-14	06/29/06	2"	123 - 145	145	3991.27	131.57	3859.70	--	--	--
MW-14	10/12/06	2"	123 - 145	145	3991.27	132.18	3859.09	--	--	--
MW-14	04/26/07	2"	123 - 145	145	3991.27	131.23	3860.04	--	--	--
MW-14	10/18/07	2"	123 - 145	145	3991.27	131.21	3860.06	--	--	--
MW-14	05/20/08	2"	123 - 145	145	3991.27	131.18	3860.09	--	--	--
MW-14	10/20/08	2"	123 - 145	145	3991.27	131.23	3860.04	--	--	--
MW-14	04/09/09	2"	123 - 145	145	3991.27	131.77	3859.50	--	--	--
MW-14	09/29/09	2"	123 - 145	145	3991.27	132.39	3858.88	--	--	--
MW-14	04/05/10	2"	123 - 145	145	3991.27	132.59	3858.68	--	--	--
MW-14	10/04/10	2"	123 - 145	145	3991.27	132.17	3859.10	--	--	--
MW-14	04/18/11	2"	123 - 145	145	3991.27	133.50	3857.77	--	--	--
MW-14	10/18/11	2"	123 - 145	145	3991.27	133.67	3857.60	--	--	--
MW-14	04/23/12	2"	123 - 145	145	3991.27	132.94	3858.33	--	--	--
MW-14	11/05/12	2"	123 - 145	145	3991.27	132.49	3858.78	--	--	--
MW-14	04/23/13	2"	123 - 145	145	3991.27	132.64	3858.63	--	--	--
MW-14	10/21/13	2"	123 - 145	145	3991.27	133.85	3857.42	--	--	--
MW-14	02/11/14	2"	123 - 145	145	3991.27	133.84	3857.43	--	--	--
MW-14	10/27/14	2"	123 - 145	145	3991.27	134.72	3856.55	--	--	--
MW-14	02/24/15	2"	123 - 145	145	3991.27	134.75	3856.52	--	--	--
MW-14	10/26/15	2"	123 - 145	145	3991.27	135.25	3856.02	--	--	--
MW-14	02/29/16	2"	123 - 145	145	3991.27	135.50	3855.77	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-14	08/22/16	2"	123 - 145	145	3991.27	135.08	3856.19	--	--	--
MW-14	2/28/2017	2"	123 - 145	145	3991.27	134.40	3856.87	--	--	--
MW-14	08/28/17	2"	123 - 145	145	3991.27	133.78	3857.49	--	--	--
MW-14	04/03/18	2"	123 - 145	145	3991.27	134.02	3857.25	--	--	--
MW-14	08/27/18	2"	123 - 145	145	3991.27	134.50	3856.77	--	--	--
MW-14	01/28/19	2"	123 - 145	145	3991.27	135.30	3855.97	--	--	--
MW-14	12/16/19	2"	123 - 145	145	3991.27	136.05	3855.22	--	--	--
MW-14	04/06/20	2"	123 - 145	147.20	3991.27	136.06	3855.21	--	--	--
MW-14	06/09/21	2"	123 - 145	147.28	3991.27	135.65	3855.62	--	--	--
MW-14	11/10/21	2"	123 - 145	147.48	3991.27	135.09	3856.18	--	--	--
MW-15	10/08/02	2"	124 - 146	146	3992.42	133.82	3858.60	--	--	--
MW-15	08/11/03	2"	124 - 146	146	3992.42	132.07	3860.35	--	--	--
MW-15	02/16/05	2"	124 - 146	146	3992.42	131.05	3861.37	--	--	--
MW-15	04/07/06	2"	124 - 146	146	3992.42	131.20	3861.22	--	--	--
MW-15	06/29/06	2"	124 - 146	146	3992.42	132.31	3860.11	--	--	--
MW-15	10/12/06	2"	124 - 146	146	3992.42	132.25	3860.17	--	--	--
MW-15	04/26/07	2"	124 - 146	146	3992.42	132.14	3860.28	--	--	--
MW-15	10/18/07	2"	124 - 146	146	3992.42	132.18	3860.24	--	--	--
MW-15	05/19/08	2"	124 - 146	146	3992.42	---------- not gauged ----------				--
MW-15	10/14/08	2"	124 - 146	146	3992.42	132.12	3860.30	--	--	--
MW-15	04/09/09	2"	124 - 146	146	3992.42	132.51	3859.91	--	--	--
MW-15	09/29/09	2"	124 - 146	146	3992.42	132.89	3859.53	--	--	--
MW-15	04/05/10	2"	124 - 146	146	3992.42	133.11	3859.31	--	--	--
MW-15	10/04/10	2"	124 - 146	146	3992.42	133.33	3859.09	--	--	--
MW-15	04/18/11	2"	124 - 146	146	3992.42	133.15	3859.27	--	--	--
MW-15	10/18/11	2"	124 - 146	146	3992.42	133.33	3859.09	--	--	--
MW-15	04/23/12	2"	124 - 146	146	3992.42	133.64	3858.78	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-15	11/05/12	2"	124 - 146	146	3992.42	133.35	3859.07	--	--	--
MW-15	04/23/13	2"	124 - 146	146	3992.42	133.54	3858.88	--	--	--
MW-15	10/21/13	2"	124 - 146	146	3992.42	134.06	3858.36	--	--	--
MW-15	02/11/14	2"	124 - 146	146	3992.42	134.28	3858.14	--	--	--
MW-15	10/27/14	2"	124 - 146	146	3992.42	135.15	3857.27	--	--	--
MW-15	02/24/15	2"	124 - 146	146	3992.42	135.13	3857.29	--	--	--
MW-15	10/26/15	2"	124 - 146	146	3992.42	135.66	3856.76	--	--	--
MW-15	02/29/16	2"	124 - 146	146	3992.42	135.66	3856.76	--	--	--
MW-15	08/22/16	2"	124 - 146	146	3992.42	135.35	3857.07	--	--	--
MW-15	2/28/2017	2"	124 - 146	146	3992.42	134.85	3857.57	--	--	--
MW-15	08/28/17	2"	124 - 146	146	3992.42	134.23	3858.19	--	--	--
MW-15	04/03/18	2"	124 - 146	146	3992.42	134.65	3857.77	--	--	--
MW-15	08/27/18	2"	124 - 146	146	3992.42	135.09	3857.33	--	--	--
MW-15	01/28/19	2"	124 - 146	146	3992.42	135.62	3856.80	--	--	--
MW-15	12/16/19	2"	124 - 146	146	3992.42	136.69	3855.73	--	--	--
MW-15	04/06/20	2"	124 - 146	147.94	3992.42	136.76	3855.66	--	--	--
MW-15	06/09/21	2"	124 - 146	147.97	3992.42	136.39	3856.03	--	--	--
MW-15	11/10/21	2"	124 - 146	147.93	3992.42	136.73	3855.69	--	--	--
MW-16	10/22/03	2"	122 - 145	145	3989.17	129.41	3859.76	--	--	--
MW-16	02/16/05	2"	122 - 145	145	3989.17	129.12	3860.05	--	--	--
MW-16	04/07/06	2"	122 - 145	145	3989.17	130.46	3858.71	--	--	--
MW-16	06/29/06	2"	122 - 145	145	3989.17	130.56	3858.61	--	--	--
MW-16	10/12/06	2"	122 - 145	145	3989.17	130.50	3858.67	--	--	--
MW-16	04/26/07	2"	122 - 145	145	3989.17	130.21	3858.96	--	--	--
MW-16	10/18/07	2"	122 - 145	145	3989.17	130.21	3858.96	--	--	--
MW-16	05/19/08	2"	122 - 145	145	3989.17	130.12	3859.05	--	--	--
MW-16	10/14/08	2"	122 - 145	145	3989.17	130.07	3859.10	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-16	04/09/09	2"	122 - 145	145	3989.17	130.50	3858.67	--	--	--
MW-16	09/29/09	2"	122 - 145	145	3989.17	131.05	3858.12	--	--	--
MW-16	04/05/10	2"	122 - 145	145	3989.17	131.35	3857.82	--	--	--
MW-16	10/04/10	2"	122 - 145	145	3989.17	131.58	3857.59	--	--	--
MW-16	04/18/11	2"	122 - 145	145	3989.17	132.08	3857.09	--	--	--
MW-16	10/18/11	2"	122 - 145	145	3989.17	133.54	3855.63	--	--	--
MW-16	04/23/12	2"	122 - 145	145	3989.17	131.62	3857.55	--	--	--
MW-16	11/05/12	2"	122 - 145	145	3989.17	131.26	3857.91	--	--	--
MW-16	04/23/13	2"	122 - 145	145	3989.17	131.14	3858.03	--	--	--
MW-16	10/21/13	2"	122 - 145	145	3989.17	133.21	3855.96	--	--	--
MW-16	02/11/14	2"	122 - 145	145	3989.17	132.71	3856.46	--	--	--
MW-16	10/27/14	2"	122 - 145	145	3989.17	133.76	3855.41	--	--	--
MW-16	02/24/15	2"	122 - 145	145	3989.17	133.86	3855.31	--	--	--
MW-16	10/26/15	2"	122 - 145	145	3989.17	134.55	3854.62	--	--	--
MW-16	02/29/16	2"	122 - 145	145	3989.17	134.32	3854.85	--	--	--
MW-16	08/22/16	2"	122 - 145	145	3989.17	133.57	3855.60	--	--	--
MW-16	2/28/2017	2"	122 - 145	145	3989.17	132.70	3856.47	--	--	--
MW-16	08/28/17	2"	122 - 145	145	3989.17	132.20	3856.97	--	--	--
MW-16	04/03/18	2"	122 - 145	145	3989.17	132.84	3856.33	--	--	--
MW-16	08/27/18	2"	122 - 145	145	3989.17	133.25	3855.92	--	--	--
MW-16	01/29/19	2"	122 - 145	145	3989.17	134.14	3855.03	--	--	--
MW-16	12/16/19	2"	122 - 145	145	3989.17	135.45	3853.72	--	--	--
MW-16	04/06/20	2"	122 - 145	139.95	3989.17	135.49	3853.68	--	--	--
MW-16	06/09/21	2"	122 - 145	143.98	3989.17	134.56	3854.61	--	--	--
MW-16	11/10/21	2"	122 - 145	143.98	3989.17	134.83	3854.34	--	--	--
MW-17	10/22/03	2"	122 - 145	145	3989.92	130.21	3859.71	--	--	--
MW-17	02/16/05	2"	122 - 145	145	3989.92	129.70	3860.22	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-17	04/07/06	2"	122 - 145	145	3989.92	131.18	3858.74	--	--	--
MW-17	06/28/06	2"	122 - 145	145	3989.92	NG	NG	--	--	--
MW-17	10/12/06	2"	122 - 145	145	3989.92	131.12	3858.80	--	--	--
MW-17	04/26/07	2"	122 - 145	145	3989.92	130.85	3859.07	--	--	--
MW-17	10/18/07	2"	122 - 145	145	3989.92	130.83	3859.09	--	--	--
MW-17	05/19/08	2"	122 - 145	145	3989.92	130.73	3859.19	--	--	--
MW-17	10/14/08	2"	122 - 145	145	3989.92	130.86	3859.06	--	--	--
MW-17	04/09/09	2"	122 - 145	145	3989.92	131.32	3858.60	--	--	--
MW-17	09/29/09	2"	122 - 145	145	3989.92	131.98	3857.94	--	--	--
MW-17	04/05/10	2"	122 - 145	145	3989.92	132.20	3857.72	--	--	--
MW-17	10/04/10	2"	122 - 145	145	3989.92	132.52	3857.40	--	--	--
MW-17	04/18/11	2"	122 - 145	145	3989.92	132.90	3857.02	--	--	--
MW-17	10/18/11	2"	122 - 145	145	3989.92	133.02	3856.90	--	--	--
MW-17	04/23/12	2"	122 - 145	145	3989.92	132.33	3857.59	--	--	--
MW-17	11/05/12	2"	122 - 145	145	3989.92	132.00	3857.92	--	--	--
MW-17	04/23/13	2"	122 - 145	145	3989.92	132.02	3857.90	--	--	--
MW-17	10/21/13	2"	122 - 145	145	3989.92	133.18	3856.74	--	--	--
MW-17	02/11/14	2"	122 - 145	145	3989.92	133.47	3856.45	--	--	--
MW-17	10/27/14	2"	122 - 145	145	3989.92	134.54	3855.38	--	--	--
MW-17	02/24/15	2"	122 - 145	145	3989.92	134.81	3855.11	--	--	--
MW-17	10/26/15	2"	122 - 145	145	3989.92	133.21	3856.71	--	--	--
MW-17	02/29/16	2"	122 - 145	145	3989.92	135.20	3854.72	--	--	--
MW-17	08/22/16	2"	122 - 145	145	3989.92	134.53	3855.39	--	--	--
MW-17	02/28/17	2"	122 - 145	145	3989.92	133.70	3856.22	--	--	--
MW-17	08/28/17	2"	122 - 145	145	3989.92	133.03	3856.89	--	--	--
MW-17	04/03/18	2"	122 - 145	145	3989.92	133.54	3856.38	--	--	--
MW-17	08/27/18	2"	122 - 145	145	3989.92	133.98	3855.94	--	--	--
MW-17	01/28/19	2"	122 - 145	145	3989.92	134.91	3855.01	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-17	12/16/19	2"	122 - 145	145	3989.92	136.02	3853.90	--	--	--
MW-17	04/06/20	2"	122 - 145	146.00	3989.92	136.05	3853.87	--	--	--
MW-17	06/09/21	2"	122 - 145	145.92	3989.92	135.20	3854.72	--	--	--
MW-17	11/10/21	2"	122 - 145	146.01	3989.92	135.32	3854.60	--	--	--
MW-18	10/22/03	2"	124.49 - 144.49	145	3989.96	130.12	3859.84	--	--	--
MW-18	02/16/05	2"	124.49 - 144.49	145	3989.96	129.35	3860.61	--	--	--
MW-18	04/07/06	2"	124.49 - 144.49	145	3989.96	130.94	3859.02	--	--	--
MW-18	06/28/06	2'	124.49 - 144.49	145	3989.96	130.87	3859.09	--	--	--
MW-18	10/12/06	2"	124.49 - 144.49	145	3989.96	130.84	3859.12	--	--	--
MW-18	04/26/07	2"	124.49 - 144.49	145	3989.96	130.58	3859.38	--	--	--
MW-18	10/18/07	2"	124.49 - 144.49	145	3989.96	130.57	3859.39	--	--	--
MW-18	05/19/08	2"	124.49 - 144.49	145	3989.96	130.50	3859.46	--	--	--
MW-18	10/20/08	2"	124.49 - 144.49	145	3989.96	130.63	3859.33	--	--	--
MW-18	04/09/09	2"	124.49 - 144.49	145	3989.96	131.25	3858.71	--	--	--
MW-18	09/29/09	2"	124.49 - 144.49	145	3989.96	131.91	3858.05	--	--	--
MW-18	04/05/10	2"	124.49 - 144.49	145	3989.96	132.10	3857.86	--	--	--
MW-18	10/04/10	2"	124.49 - 144.49	145	3989.96	132.17	3857.79	--	--	--
MW-18	04/18/11	2"	124.49 - 144.49	145	3989.96	132.96	3857.00	--	--	--
MW-18	10/18/11	2"	124.49 - 144.49	145	3989.96	132.98	3856.98	--	--	--
MW-18	04/23/12	2"	124.49 - 144.49	145	3989.96	132.19	3857.77	--	--	--
MW-18	11/05/12	2"	124.49 - 144.49	145	3989.96	131.81	3858.15	--	--	--
MW-18	04/23/13	2"	124.49 - 144.49	145	3989.96	132.03	3857.93	--	--	--
MW-18	10/21/13	2"	124.49 - 144.49	145	3989.96	133.32	3856.64	--	--	--
MW-18	02/11/14	2"	124.49 - 144.49	145	3989.96	133.31	3856.65	--	--	--
MW-18	10/27/14	2"	124.49 - 144.49	145	3989.96	134.31	3855.65	--	--	--
MW-18	02/24/15	2"	124.49 - 144.49	145	3989.96	134.39	3855.57	--	--	--
MW-18	10/26/15	2"	124.49 - 144.49	145	3989.96	134.92	3855.04	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-18	02/29/16	2"	124.49 - 144.49	145	3989.96	135.12	3854.84	--	--	--
MW-18	08/22/16	2"	124.49 - 144.49	145	3989.96	134.50	3855.46	--	--	--
MW-18	02/28/17	2"	124.49 - 144.49	145	3989.96	133.80	3856.16	--	--	--
MW-18	08/28/17	2"	124.49 - 144.49	145	3989.96	133.04	3856.92	--	--	--
MW-18	04/03/18	2"	124.49 - 144.49	145	3989.96	133.39	3856.57	--	--	--
MW-18	08/27/18	2"	124.49 - 144.49	145	3989.96	133.84	3856.12	--	--	--
MW-18	01/28/19	2"	124.49 - 144.49	145	3989.96	134.76	3855.20	--	--	--
MW-18	12/16/19	2"	124.49 - 144.49	145	3989.96	135.62	3854.34	--	--	--
MW-18	04/06/20	2"	124.49 - 144.49	145.22	3989.96	135.63	3854.33	--	--	--
MW-18	06/09/21	2"	124.49 - 144.49	145.20	3989.96	135.05	3854.91	--	--	--
MW-18	11/10/21	2"	124.49 - 144.49	145.39	3989.96	135.02	3854.94	--	--	--
MW-19	10/22/03	2"	124.49 - 144.49	145	3991.32	130.48	3860.84	--	--	--
MW-19	02/16/05	2"	124.49 - 144.49	145	3991.32	129.42	3861.90	--	--	--
MW-19	04/07/06	2"	124.49 - 144.49	145	3991.32	130.63	3860.69	--	--	--
MW-19	06/29/06	2"	124.49 - 144.49	145	3991.32	130.07	3861.25	--	--	--
MW-19	10/12/06	2"	124.49 - 144.49	145	3991.32	130.71	3860.61	--	--	--
MW-19	04/26/07	2"	124.49 - 144.49	145	3991.32	130.63	3860.69	--	--	--
MW-19	10/18/07	2"	124.49 - 144.49	145	3991.32	130.62	3860.70	--	--	--
MW-19	05/08/08	2"	124.49 - 144.49	145	3991.32	130.67	3860.65	--	--	--
MW-19	10/08/08	2"	124.49 - 144.49	145	3991.32	130.84	3860.48	--	--	--
MW-19	04/09/09	2"	124.49 - 144.49	145	3991.32	131.78	3859.54	--	--	--
MW-19	09/29/09	2"	124.49 - 144.49	145	3991.32	130.24	3861.08	--	--	--
MW-19	04/05/10	2"	124.49 - 144.49	145	3991.32	134.77	3856.55	--	--	--
MW-19	10/04/10	2"	124.49 - 144.49	145	3991.32	135.05	3856.27	--	--	--
MW-19	03/03/11	2"	124.49 - 144.49	145	3991.32	135.36	3858.94	131.46	3.90	2.0
MW-19	04/07/11	2"	124.49 - 144.49	145	3991.32	135.43	3858.90	131.50	3.93	2.3
MW-19	04/13/11	2"	124.49 - 144.49	145	3991.32	135.52	3858.83	131.56	3.96	1.1

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-19	05/03/11	2"	124.49 - 144.49	145	3991.32	135.51	3858.82	131.58	3.93	1.9
MW-19	05/10/11	2"	124.49 - 144.49	145	3991.32	135.50	3858.73	131.70	3.80	2.0
MW-19	05/17/11	2"	124.49 - 144.49	145	3991.32	135.52	3858.81	131.58	3.94	2.0
MW-19	05/24/11	2"	124.49 - 144.49	145	3991.32	135.50	3858.77	131.65	3.85	--
MW-19	06/28/11	2"	124.49 - 144.49	145	3991.32	135.46	3858.65	131.81	3.65	1.3
MW-19	08/24/11	2"	124.49 - 144.49	145	3991.32	135.65	3858.65	131.75	3.90	2.0
MW-19	08/25/11	2"	124.49 - 144.49	145	3991.32	135.13	3858.63	131.94	3.19	1.5
MW-19	10/18/11	2"	124.49 - 144.49	145	3991.32	135.47	3858.60	131.88	3.59	2.8
MW-19	02/01/12	2"	124.49 - 144.49	145	3991.32	135.11	3858.85	131.66	3.45	0.7
MW-19	02/16/12	2"	124.49 - 144.49	145	3991.32	134.88	3859.00	131.54	3.34	1.0
MW-19	02/28/12	2"	124.49 - 144.49	145	3991.32	135.00	3858.92	131.60	3.40	2.0
MW-19	03/12/12	2"	124.49 - 144.49	145	3991.32	134.95	3858.86	131.69	3.26	1.0
MW-19	03/29/12	2"	124.49 - 144.49	145	3991.32	135.03	3858.89	131.63	3.40	1.2
MW-19	04/10/12	2"	124.49 - 144.49	145	3991.32	135.12	3858.91	131.58	3.54	1.5
MW-19	04/23/12	2"	124.49 - 144.49	145	3991.32	134.85	3858.93	131.64	3.21	--
MW-19	05/08/12	2"	124.49 - 144.49	145	3991.32	134.77	3858.96	131.62	3.15	0.8
MW-19	05/21/12	2"	124.49 - 144.49	145	3991.32	134.68	3859.05	131.53	3.15	1.5
MW-19	06/04/12	2"	124.49 - 144.49	145	3991.32	134.59	3859.03	131.58	3.01	1.5
MW-19	06/18/12	2"	124.49 - 144.49	145	3991.32	134.55	3859.07	131.54	3.01	1.5
MW-19	07/03/12	2"	124.49 - 144.49	145	3991.32	134.63	3859.05	131.55	3.08	2.0
MW-19	07/16/12	2"	124.49 - 144.49	145	3991.32	134.45	3859.10	131.53	2.92	3.0
MW-19	08/02/12	2"	124.49 - 144.49	145	3991.32	134.10	3859.06	131.69	2.41	2.0
MW-19	08/28/12	2"	124.49 - 144.49	145	3991.32	134.21	3859.21	131.46	2.75	1.5
MW-19	09/21/12	2"	124.49 - 144.49	145	3991.32	134.03	3859.29	131.41	2.62	2.5
MW-19	09/24/12	2"	124.49 - 144.49	145	3991.32	133.97	3859.36	131.34	2.63	1.0
MW-19	10/08/12	2"	124.49 - 144.49	145	3991.32	133.94	3859.32	131.40	2.54	1.5
MW-19	10/22/12	2"	124.49 - 144.49	145	3991.32	134.02	3859.24	131.49	2.53	1.5
MW-19	10/30/12	2"	124.49 - 144.49	145	3991.32	134.08	3859.21	131.50	2.58	2.0

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-19	11/05/12	2"	124.49 - 144.49	145	3991.32	133.99	3859.34	131.36	2.63	0.0
MW-19	11/20/12	2"	124.49 - 144.49	145	3991.32	133.99	3859.27	131.45	2.54	4.5
MW-19	12/05/12	2"	124.49 - 144.49	145	3991.32	133.88	3859.26	131.50	2.38	0.0
MW-19	01/08/13	2"	124.49 - 144.49	145	3991.32	133.80	3859.23	131.57	2.23	0.0
MW-19	01/21/13	2"	124.49 - 144.49	145	3991.32	133.17	3859.27	131.71	1.46	0.0
MW-19	02/13/13	2"	124.49 - 144.49	145	3991.32	133.49	3859.36	131.49	2.00	--
MW-19	02/18/13	2"	124.49 - 144.49	145	3991.32	133.39	3859.18	131.76	1.63	0.2
MW-19	03/04/13	2"	124.49 - 144.49	145	3991.32	133.90	3859.29	131.46	2.44	--
MW-19	03/18/13	2"	124.49 - 144.49	145	3991.32	133.95	3859.23	131.52	2.43	0.8
MW-19	04/01/13	2"	124.49 - 144.49	145	3991.32	133.80	3859.28	131.50	2.30	1.0
MW-19	04/15/13	2"	124.49 - 144.49	145	3991.32	134.03	3859.29	131.41	2.62	2.0
MW-19	04/23/13	2"	124.49 - 144.49	145	3991.32	134.04	3859.20	131.53	2.51	--
MW-19	04/29/13	2"	124.49 - 144.49	145	3991.32	134.00	3859.31	131.40	2.60	2.0
MW-19	05/15/13	2"	124.49 - 144.49	145	3991.32	134.08	3859.28	131.41	2.67	0.8
MW-19	05/28/13	2"	124.49 - 144.49	145	3991.32	134.09	3859.23	131.48	2.61	0.8
MW-19	06/12/13	2"	124.49 - 144.49	145	3991.32	134.11	3859.21	131.49	2.62	0.5
MW-19	06/26/13	2"	124.49 - 144.49	145	3991.32	134.18	3859.19	131.50	2.68	1.0
MW-19	07/24/13	2"	124.49 - 144.49	145	3991.32	134.75	3858.94	131.65	3.10	1.5
MW-19	08/06/13	2"	124.49 - 144.49	145	3991.32	134.97	3858.92	131.61	3.36	1.5
MW-19	08/21/13	2"	124.49 - 144.49	145	3991.32	135.45	3858.58	131.91	3.54	2.5
MW-19	09/03/13	2"	124.49 - 144.49	145	3991.32	135.43	3858.61	131.87	3.56	2.5
MW-19	09/18/13	2"	124.49 - 144.49	145	3991.32	135.46	3858.59	131.89	3.57	2.5
MW-19	10/02/13	2"	124.49 - 144.49	145	3991.32	135.78	3858.37	132.08	3.70	2.0
MW-19	10/16/13	2"	124.49 - 144.49	145	3991.32	135.48	3858.22	132.37	3.11	1.5
MW-19	10/21/13	2"	124.49 - 144.49	145	3991.32	130.61	3861.71	129.30	1.31	--
MW-19	10/30/13	2"	124.49 - 144.49	145	3991.32	135.96	3858.10	132.38	3.58	1.8
MW-19	11/13/13	2"	124.49 - 144.49	145	3991.32	135.97	3858.19	132.26	3.71	2.0
MW-19	12/04/13	2"	124.49 - 144.49	145	3991.32	135.89	3858.31	132.12	3.77	1.5

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-19	12/12/13	2"	124.49 - 144.49	145	3991.32	135.90	3858.25	132.20	3.70	3.0
MW-19	12/30/13	2"	124.49 - 144.49	145	3991.32	135.76	3858.34	132.12	3.64	1.3
MW-19	02/11/14	2"	124.49 - 144.49	145	3991.32	135.85	3858.31	132.14	3.71	--
MW-19	02/12/14	2"	124.49 - 144.49	145	3991.32	135.82	3858.29	132.17	3.65	--
MW-19	02/25/14	2"	124.49 - 144.49	145	3991.32	135.82	3858.20	132.29	3.53	1.5
MW-19	03/13/14	2"	124.49 - 144.49	145	3991.32	136.03	3858.10	132.36	3.67	1.8
MW-19	03/27/14	2"	124.49 - 144.49	145	3991.32	136.09	3857.99	132.48	3.61	1.5
MW-19	04/10/14	2"	124.49 - 144.49	145	3991.32	136.16	3857.97	132.49	3.67	2.0
MW-19	04/24/14	2"	124.49 - 144.49	145	3991.32	136.19	3857.85	132.64	3.55	2.3
MW-19	05/08/14	2"	124.49 - 144.49	145	3991.32	136.14	3857.92	132.56	3.58	2.0
MW-19	06/19/14	2"	124.49 - 144.49	145	3991.32	136.21	3857.87	132.60	3.61	2.0
MW-19	07/03/14	2"	124.49 - 144.49	145	3991.32	136.22	3857.88	132.59	3.63	1.5
MW-19	08/01/14	2"	124.49 - 144.49	145	3991.32	136.20	3857.87	132.60	3.60	2.0
MW-19	08/28/14	2"	124.49 - 144.49	145	3991.32	136.35	3857.76	132.70	3.65	1.3
MW-19	09/11/14	2"	124.49 - 144.49	145	3991.32	136.47	3857.63	132.84	3.63	1.5
MW-19	09/25/14	2"	124.49 - 144.49	145	3991.32	136.58	3857.55	132.91	3.67	1.5
MW-19	10/24/14	2"	124.49 - 144.49	145	3991.32	136.62	3857.53	132.92	3.70	1.8
MW-19	10/27/14	2"	124.49 - 144.49	145	3991.32	136.52	3857.57	132.90	3.62	--
MW-19	01/13/15	2"	124.49 - 144.49	145	3991.32	135.97	3857.58	133.01	2.96	2.0
MW-19	01/29/15	2"	124.49 - 144.49	145	3991.32	136.70	3857.33	133.10	3.60	1.5
MW-19	02/10/15	2"	124.49 - 144.49	145	3991.32	134.66	3858.67	131.99	2.67	2.0
MW-19	02/24/15	2"	124.49 - 144.49	145	3991.32	136.56	3857.53	132.87	3.69	1.5
MW-19	03/12/15	2"	124.49 - 144.49	145	3991.32	136.75	3857.33	133.08	3.67	1.3
MW-19	03/26/15	2"	124.49 - 144.49	145	3991.32	136.74	3857.21	133.24	3.50	2.0
MW-19	04/09/15	2"	124.49 - 144.49	145	3991.32	136.76	3857.24	133.19	3.57	1.5
MW-19	04/21/15	2"	124.49 - 144.49	145	3991.32	136.82	3857.24	133.17	3.65	1.0
MW-19	05/06/15	2"	124.49 - 144.49	145	3991.32	136.79	3857.28	133.13	3.66	2.8
MW-19	05/21/15	2"	124.49 - 144.49	145	3991.32	136.78	3857.24	133.19	3.59	3.0

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-19	06/04/15	2"	124.49 - 144.49	145	3991.32	136.80	3857.26	133.15	3.65	1.0
MW-19	07/02/15	2"	124.49 - 144.49	145	3991.32	136.95	3857.14	133.26	3.69	2.0
MW-19	07/16/15	2"	124.49 - 144.49	145	3991.32	137.03	3857.07	133.33	3.70	2.0
MW-19	07/30/15	2"	124.49 - 144.49	145	3991.32	130.77	3860.57	130.74	0.03	--
MW-19	08/28/15	2"	124.49 - 144.49	145	3991.32	137.08	3857.08	133.31	3.77	42.6
MW-19	09/10/15	2"	124.49 - 144.49	145	3991.32	137.18	3856.94	133.45	3.73	1.5
MW-19	09/25/15	2"	124.49 - 144.49	145	3991.32	137.08	3857.01	133.39	3.69	3.0
MW-19	10/08/15	2"	124.49 - 144.49	145	3991.32	136.99	3857.04	133.38	3.61	2.5
MW-19	10/26/15	2"	124.49 - 144.49	145	3991.32	136.75	3857.22	133.23	3.52	--
MW-19	11/05/15	2"	124.49 - 144.49	145	3991.32	136.93	3857.03	133.42	3.51	1.5
MW-19	12/11/15	2"	124.49 - 144.49	145	3991.32	136.90	3857.02	133.44	3.46	44.6
MW-19	01/14/16	2"	124.49 - 144.49	145	3991.32	136.70	3856.88	133.70	3.00	1.3
MW-19	02/25/16	2"	124.49 - 144.49	145	3991.32	137.48	3856.64	133.75	3.73	1.5
MW-19	02/29/16	2"	124.49 - 144.49	145	3991.32	137.48	3856.64	133.75	3.73	--
MW-19	03/10/16	2"	124.49 - 144.49	145	3991.32	137.48	3856.65	133.74	3.74	1.5
MW-19	03/22/16	2"	124.49 - 144.49	145	3991.32	137.50	3856.64	133.75	3.75	1.5
MW-19	04/04/16	2"	124.49 - 144.49	145	3991.32	137.60	3856.56	133.82	3.78	1.5
MW-19	04/21/16	2"	124.49 - 144.49	145	3991.32	137.65	3856.51	133.88	3.77	2.0
MW-19	05/20/16	2"	124.49 - 144.49	145	3991.32	137.76	3856.45	133.92	3.84	1.5
MW-19	06/02/16	2"	124.49 - 144.49	145	3991.32	137.76	3856.45	133.92	3.84	1.5
MW-19	06/16/16	2"	124.49 - 144.49	145	3991.32	137.84	3856.41	133.94	3.90	1.5
MW-19	06/30/16	2"	124.49 - 144.49	145	3991.32	137.76	3856.45	133.92	3.84	1.5
MW-19	07/14/16	2"	124.49 - 144.49	145	3991.32	137.32	3856.57	133.90	3.42	1.5
MW-19	07/25/16	2"	124.49 - 144.49	145	3991.32	136.95	3856.75	133.79	3.16	2.3
MW-19	08/22/16	2"	124.49 - 144.49	145	3991.32	136.62	3856.87	133.73	2.89	1.0
MW-19	09/09/16	2"	124.49 - 144.49	145	3991.32	136.65	3856.90	133.69	2.96	--
MW-19	09/22/16	2"	124.49 - 144.49	145	3991.32	136.71	3856.86	133.72	2.99	1.5
MW-19	10/06/16	2"	124.49 - 144.49	145	3991.32	136.70	3856.88	133.69	3.01	1.5

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-19	10/20/16	2"	124.49 - 144.49	145	3991.32	135.78	3857.10	133.70	2.08	0.4
MW-19	11/03/16	2"	124.49 - 144.49	145	3991.32	135.58	3857.23	133.60	1.98	2.0
MW-19	11/16/16	2"	124.49 - 144.49	145	3991.32	135.30	3857.41	133.45	1.85	1.9
MW-19	11/28/16	2"	124.49 - 144.49	145	3991.32	135.47	3857.30	133.54	1.93	1.0
MW-19	12/15/16	2"	124.49 - 144.49	145	3991.32	135.51	3857.31	133.52	1.99	1.0
MW-19	02/06/17	2"	124.49 - 144.49	145	3991.32	134.81	3857.61	133.35	1.46	1.0
MW-19	02/28/17	2"	124.49 - 144.49	145	3991.32	134.90	3857.59	133.35	1.55	--
MW-19	03/08/17	2"	124.49 - 144.49	145	3991.32	134.76	3857.63	133.34	1.42	0.5
MW-19	03/25/17	2"	124.49 - 144.49	145	3991.32	134.70	3857.69	133.28	1.42	0.8
MW-19	04/13/17	2"	124.49 - 144.49	145	3991.32	134.22	3857.83	133.25	0.97	1.0
MW-19	05/01/17	2"	124.49 - 144.49	145	3991.32	133.85	3858.00	133.15	0.70	0.5
MW-19	06/12/17	2"	124.49 - 144.49	145	3991.32	133.68	3858.08	133.10	0.58	0.5
MW-19	06/26/17	2"	124.49 - 144.49	145	3991.32	133.51	3858.16	133.04	0.47	0.5
MW-19	07/24/17	2"	124.49 - 144.49	145	3991.32	133.96	3858.06	133.03	0.93	0.5
MW-19	08/28/17	2"	124.49 - 144.49	145	3991.32	134.26	3857.98	133.04	1.22	0.2
MW-19	09/20/17	2"	124.49 - 144.49	145	3991.32	133.98	3858.05	133.03	0.95	0.3
MW-19	10/16/17	2"	124.49 - 144.49	145	3991.32	134.02	3858.07	133.00	1.02	0.2
MW-19	10/31/17	2"	124.49 - 144.49	145	3991.32	134.05	3858.06	133.00	1.05	0.5
MW-19	11/13/17	2"	124.49 - 144.49	145	3991.32	134.16	3858.01	133.03	1.13	0.5
MW-19	11/27/17	2"	124.49 - 144.49	145	3991.32	134.20	3858.02	133.00	1.20	0.5
MW-19	12/11/17	2"	124.49 - 144.49	145	3991.32	134.19	3858.03	132.99	1.20	0.8
MW-19	01/02/18	2"	124.49 - 144.49	145	3991.32	134.34	3857.95	133.05	1.29	1.0
MW-19	01/08/18	2"	124.49 - 144.49	145	3991.32	134.49	3857.94	133.01	1.48	1.0
MW-19	01/24/18	2"	124.49 - 144.49	145	3991.32	134.83	3857.73	133.18	1.65	0.5
MW-19	02/05/18	2"	124.49 - 144.49	145	3991.32	134.45	3857.98	132.98	1.47	0.5
MW-19	02/23/18	2"	124.49 - 144.49	145	3991.32	134.18	3858.07	132.94	1.24	0.8
MW-19	03/05/18	2"	124.49 - 144.49	145	3991.32	134.30	3857.92	133.10	1.20	1.0
MW-19	04/03/18	2"	124.49 - 144.49	145	3991.32	134.36	3857.89	133.12	1.24	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-19	04/16/18	2"	124.49 - 144.49	145	3991.32	134.42	3857.98	132.99	1.43	0.8
MW-19	04/30/18	2"	124.49 - 144.49	145	3991.32	134.69	3857.84	133.08	1.61	0.8
MW-19	05/14/18	2"	124.49 - 144.49	145	3991.32	134.81	3857.80	133.10	1.71	0.4
MW-19	06/01/18	2"	124.49 - 144.49	145	3991.32	135.04	3857.72	133.12	1.92	1.0
MW-19	06/11/18	2"	124.49 - 144.49	145	3991.32	135.21	3857.62	133.20	2.01	2.0
MW-19	06/25/18	2"	124.49 - 144.49	145	3991.32	135.62	3857.37	133.40	2.22	1.0
MW-19	07/09/18	2"	124.49 - 144.49	145	3991.32	135.95	3857.33	133.35	2.60	1.0
MW-19	07/23/18	2"	124.49 - 144.49	145	3991.32	135.96	3857.32	133.36	2.60	0.8
MW-19	08/06/18	2"	124.49 - 144.49	145	3991.32	136.06	3857.30	133.35	2.71	1.5
MW-19	08/20/18	2"	124.49 - 144.49	145	3991.32	135.86	3857.31	133.40	2.46	1.3
MW-19	08/27/18	2"	124.49 - 144.49	145	3991.32	135.77	3857.40	133.31	2.46	--
MW-19	10/01/18	2"	124.49 - 144.49	145	3991.32	135.76	3857.37	133.35	2.41	1.5
MW-19	10/15/18	2"	124.49 - 144.49	145	3991.32	135.68	3857.41	133.32	2.36	1.5
MW-19	11/13/18	2"	124.49 - 144.49	145	3991.32	135.78	3857.30	133.44	2.34	1.5
MW-19	12/03/18	2"	124.49 - 144.49	145	3991.32	136.33	3857.12	133.50	2.83	1.5
MW-19	12/11/18	2"	124.49 - 144.49	145	3991.32	136.54	3857.09	133.47	3.07	1.3
MW-19	01/28/19	2"	124.49 - 144.49	145	3991.32	137.06	3856.90	133.55	3.51	--
MW-19	03/05/19	2"	124.49 - 144.49	145	3991.32	137.86	3856.44	133.90	3.96	1.0
MW-19	3/18/19	2"	124.49 - 144.49	145	3991.32	137.75	3856.51	133.84	3.91	1.0
MW-19	04/05/19	2"	124.49 - 144.49	145	3991.32	137.63	3856.53	133.85	3.78	2.5
MW-19	4/18/19	2"	124.49 - 144.49	145	3991.32	137.64	3856.44	133.97	3.67	1.5
MW-19	4/29/19	2"	124.49 - 144.49	145	3991.32	137.62	3856.44	133.97	3.65	1.5
MW-19	5/29/19	2"	124.49 - 144.49	145	3991.32	137.58	3856.51	133.90	3.68	1.6
MW-19	6/10/19	2"	124.49 - 144.49	145	3991.32	137.59	3856.48	133.93	3.66	1.5
MW-19	6/24/19	2"	124.49 - 144.49	145	3991.32	137.47	3856.58	133.84	3.63	1.5
MW-19	7/12/19	2"	124.49 - 144.49	145	3991.32	137.60	3856.49	133.91	3.69	2.0
MW-19	7/22/19	2"	124.49 - 144.49	145	3991.32	137.73	3856.43	133.96	3.77	1.0
MW-19	8/5/19	2"	124.49 - 144.49	145	3991.32	137.66	3856.45	133.95	3.71	2.2

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-19	8/19/19	2"	124.49 - 144.49	145	3991.32	137.18	3856.55	133.97	3.21	2.0
MW-19	9/6/19	2"	124.49 - 144.49	145	3991.32	137.63	3856.48	133.92	3.71	1.5
MW-19	9/16/19	2"	124.49 - 144.49	145	3991.32	137.72	3856.42	133.97	3.75	2.5
MW-19	9/30/19	2"	124.49 - 144.49	145	3991.32	137.74	3856.38	134.01	3.73	1.0
MW-19	12/16/19	2"	124.49 - 144.49	145	3991.32	138.04	3856.15	134.22	3.82	--
MW-19	01/30/20	2"	124.49 - 144.49		3991.32	137.95	3856.21	134.18	3.77	1.0
MW-19	02/12/20	2"	124.49 - 144.49		3991.32	137.96	3856.23	134.15	3.81	1.5
MW-19	02/27/20	2"	124.49 - 144.49		3991.32	138.01	3856.18	134.19	3.82	2.0
MW-19	03/13/20	2"	124.49 - 144.49		3991.32	138.00	3856.15	134.24	3.76	2.0
MW-19	03/27/20	2"	124.49 - 144.49		3991.32	138.08	3856.11	134.26	3.82	--
MW-19	04/06/20	2"	124.49 - 144.49	147.42	3991.32	137.95	3856.17	134.22	3.73	--
MW-19	04/07/20	2"	124.49 - 144.49		3991.32	137.95	3856.17	134.22	3.73	2.0
MW-19	04/23/20	2"	124.49 - 144.49		3991.32	138.02	3856.10	134.30	3.72	--
MW-19	05/12/20	2"	124.49 - 144.49		3991.32	137.92	3856.16	134.25	3.67	2.5
MW-19	06/09/21	2"	124.49 - 144.49		3991.32	137.95	3856.06	134.37	3.58	--
MW-19	07/20/21	2"	124.49 - 144.49		3991.32	137.34	3856.27	134.29	3.05	--
MW-19	09/14/21	2"	124.49 - 144.49		3991.32	137.49	3856.26	134.26	3.23	0.5
MW-19	10/21/21	2"	124.49 - 144.49		3991.32	137.50	3856.24	134.28	3.22	2.0
MW-19	11/10/21	2"	124.49 - 144.49		3991.32	137.89	3856.04	134.42	3.47	2.5
MW-19	12/22/21	2"	124.49 - 144.49		3991.32	137.57	3855.84	134.79	2.78	2.0
MW-20	10/22/03	2"	124.49 - 144.49	145	3992.62	131.55	3861.07	--	--	--
MW-20	02/16/05	2"	124.49 - 144.49	145	3992.62	130.65	3861.97	--	--	--
MW-20	04/07/06	2"	124.49 - 144.49	145	3992.62	131.63	3860.99	--	--	--
MW-20	06/29/06	2"	124.49 - 144.49	145	3992.62	---------- not gauged ----------				--
MW-20	10/12/06	2"	124.49 - 144.49	145	3992.62	131.85	3860.77	--	--	--
MW-20	04/26/07	2"	124.49 - 144.49	145	3992.62	131.79	3860.83	--	--	--
MW-20	10/18/07	2"	124.49 - 144.49	145	3992.62	131.84	3860.78	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-20	05/14/08	2"	124.49 - 144.49	145	3992.62	131.70	3860.92	--	--	--
MW-20	10/15/08	2"	124.49 - 144.49	145	3992.62	131.87	3860.75	--	--	--
MW-20	04/09/09	2"	124.49 - 144.49	145	3992.62	132.17	3860.45	--	--	--
MW-20	09/29/09	2"	124.49 - 144.49	145	3992.62	132.52	3860.10	--	--	--
MW-20	04/05/10	2"	124.49 - 144.49	145	3992.62	132.71	3859.91	--	--	--
MW-20	10/04/10	2"	124.49 - 144.49	145	3992.62	132.91	3859.71	--	--	--
MW-20	04/18/11	2"	124.49 - 144.49	145	3992.62	133.29	3859.33	--	--	--
MW-20	10/18/11	2"	124.49 - 144.49	145	3992.62	134.12	3858.50	--	--	--
MW-20	04/23/12	2"	124.49 - 144.49	145	3992.62	133.29	3859.33	--	--	--
MW-20	11/05/12	2"	124.49 - 144.49	145	3992.62	133.04	3859.58	--	--	--
MW-20	04/23/13	2"	124.49 - 144.49	145	3992.62	133.25	3859.37	--	--	--
MW-20	10/21/13	2"	124.49 - 144.49	145	3992.62	133.70	3858.92	--	--	--
MW-20	02/11/14	2"	124.49 - 144.49	145	3992.62	133.80	3858.82	--	--	--
MW-20	10/27/14	2"	124.49 - 144.49	145	3992.62	134.45	3858.17	--	--	--
MW-20	02/24/15	2"	124.49 - 144.49	145	3992.62	134.34	3858.28	--	--	--
MW-20	10/26/15	2"	124.49 - 144.49	145	3992.62	134.80	3857.82	--	--	--
MW-20	02/29/16	2"	124.49 - 144.49	145	3992.62	134.94	3857.68	--	--	--
MW-20	08/22/16	2"	124.49 - 144.49	145	3992.62	134.97	3857.65	--	--	--
MW-20	02/28/17	2"	124.49 - 144.49	145	3992.62	134.03	3858.59	--	--	--
MW-20	08/28/17	2"	124.49 - 144.49	145	3992.62	134.10	3858.52	--	--	--
MW-20	04/03/18	2"	124.49 - 144.49	145	3992.62	134.40	3858.22	--	--	--
MW-20	08/27/18	2"	124.49 - 144.49	145	3992.62	134.73	3857.89	--	--	--
MW-20	01/28/19	2"	124.49 - 144.49	145	3992.62	135.25	3857.37	--	--	--
MW-20	12/16/19	2"	124.49 - 144.49	145	3992.62	135.91	3856.71	--	--	--
MW-20	04/06/20	2"	124.49 - 144.49	146.15	3992.62	136.07	3856.55	--	--	--
MW-20	06/09/21	2"	124.49 - 144.49	146.58	3992.62	136.21	3856.41	--	--	--
MW-20	11/10/21	2"	124.49 - 144.49	146.12	3992.62	136.37	3856.25	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-21	10/22/03	2"	124.49 - 144.49	145	3993.71	132.78	3860.93	--	--	--
MW-21	02/16/05	2"	124.49 - 144.49	145	3993.71	132.40	3861.31	--	--	--
MW-21	04/07/06	2"	124.49 - 144.49	145	3993.71	129.99	3863.72	--	--	--
MW-21	06/29/06	2"	124.49 - 144.49	145	3993.71	---------- not gauged ----------				--
MW-21	10/12/06	2"	124.49 - 144.49	145	3993.71	133.15	3860.56	--	--	--
MW-21	04/26/07	2"	124.49 - 144.49	145	3993.71	133.05	3860.66	--	--	--
MW-21	10/18/07	2"	124.49 - 144.49	145	3993.71	133.11	3860.6	--	--	--
MW-21	05/19/08	2"	124.49 - 144.49	145	3993.71	132.97	3860.74	--	--	--
MW-21	10/20/08	2"	124.49 - 144.49	145	3993.71	133.13	3860.58	--	--	--
MW-21	04/09/09	2"	124.49 - 144.49	145	3993.71	133.40	3860.31	--	--	--
MW-21	09/29/09	2"	124.49 - 144.49	145	3993.71	133.82	3859.89	--	--	--
MW-21	04/05/10	2"	124.49 - 144.49	145	3993.71	---------- not gauged ----------				--
MW-21	10/04/10	2"	124.49 - 144.49	145	3993.71	132.17	3861.54	--	--	--
MW-21	04/18/11	2"	124.49 - 144.49	145	3993.71	134.58	3859.13	--	--	--
MW-21	10/18/11	2"	124.49 - 144.49	145	3993.71	131.63	3862.08	--	--	--
MW-21	04/23/12	2"	124.49 - 144.49	145	3993.71	134.57	3859.14	--	--	--
MW-21	11/05/12	2"	124.49 - 144.49	145	3993.71	134.20	3859.51	--	--	--
MW-21	04/23/13	2"	124.49 - 144.49	145	3993.71	134.50	3859.21	--	--	--
MW-21	10/21/13	2"	124.49 - 144.49	145	3993.71	135.05	3858.66	--	--	--
MW-21	02/11/14	2"	124.49 - 144.49	145	3993.71	135.08	3858.63	--	--	--
MW-21	10/27/14	2"	124.49 - 144.49	145	3993.71	135.87	3857.84	--	--	--
MW-21	02/24/15	2"	124.49 - 144.49	145	3993.71	135.90	3857.81	--	--	--
MW-21	10/26/15	2"	124.49 - 144.49	145	3993.71	136.41	3857.30	--	--	--
MW-21	02/29/16	2"	124.49 - 144.49	145	3993.71	136.45	3857.26	--	--	--
MW-21	08/22/16	2"	124.49 - 144.49	145	3993.71	136.32	3857.39	--	--	--
MW-21	02/28/17	2"	124.49 - 144.49	145	3993.71	135.90	3857.81	--	--	--
MW-21	08/28/17	2"	124.49 - 144.49	145	3993.71	135.40	3858.31	--	--	--
MW-21	04/03/18	2"	124.49 - 144.49	145	3993.71	135.61	3858.10	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-21	08/27/18	2"	124.49 - 144.49	145	3993.71	136.10	3857.61	--	--	--
MW-21	01/28/19	2"	124.49 - 144.49	145	3993.71	136.47	3857.24	--	--	--
MW-21	12/16/19	2"	124.49 - 144.49	145	3993.71	137.39	3856.32	--	--	--
MW-21	04/06/20	2"	124.49 - 144.49	--	3993.71	--	--	--	--	--
MW-21	06/09/21	2"	124.49 - 144.49	147.43	3993.71	137.56	3856.15	--	--	--
MW-21	11/10/21	2"	124.49 - 144.49	147.44	3993.71	137.50	3856.21	--	--	--
MW-22	10/18/07	2"	115 - 145	145	3989.01	130.32	3858.69	--	--	--
MW-22	05/19/08	2"	115 - 145	145	3989.01	130.07	3858.94	--	--	--
MW-22	10/14/08	2"	115 - 145	145	3989.01	130.27	3858.74	--	--	--
MW-22	04/09/09	2"	115 - 145	145	3989.01	130.64	3858.37	--	--	--
MW-22	09/29/09	2"	115 - 145	145	3989.01	131.40	3857.61	--	--	--
MW-22	04/05/10	2"	115 - 145	145	3989.01	131.63	3857.38	--	--	--
MW-22	10/04/10	2"	115 - 145	145	3989.01	131.97	3857.04	--	--	--
MW-22	04/18/11	2"	115 - 145	145	3989.01	132.41	3856.60	--	--	--
MW-22	10/18/11	2"	115 - 145	145	3989.01	132.68	3856.33	--	--	--
MW-22	04/23/12	2"	115 - 145	145	3989.01	131.72	3857.29	--	--	--
MW-22	11/05/12	2"	115 - 145	145	3989.01	131.32	3857.69	--	--	--
MW-22	04/23/13	2"	115 - 145	145	3989.01	131.49	3857.52	--	--	--
MW-22	10/21/13	2"	115 - 145	145	3989.01	132.52	3856.49	--	--	--
MW-22	02/11/14	2"	115 - 145	145	3989.01	133.15	3855.86	--	--	--
MW-22	10/27/14	2"	115 - 145	145	3989.01	134.23	3854.78	--	--	--
MW-22	02/24/15	2"	115 - 145	145	3989.01	134.40	3854.61	--	--	--
MW-22	10/26/15	2"	115 - 145	145	3989.01	135.11	3853.90	--	--	--
MW-22	02/29/16	2"	115 - 145	145	3989.01	134.78	3854.23	--	--	--
MW-22	08/22/16	2"	115 - 145	145	3989.01	133.81	3855.20	--	--	--
MW-22	02/28/17	2"	115 - 145	145	3989.01	132.80	3856.21	--	--	--
MW-22	08/28/17	2"	115 - 145	145	3989.01	132.32	3856.69	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-22	04/03/18	2"	115 - 145	145	3989.01	133.09	3855.92	--	--	--
MW-22	08/27/18	2"	115 - 145	145	3989.01	133.47	3855.54	--	--	--
MW-22	01/28/19	2"	115 - 145	145	3989.01	134.76	3854.25	--	--	--
MW-22	12/16/19	2"	115 - 145	145	3989.01	135.99	3853.02	--	--	--
MW-22	04/06/20	2"	115 - 145	148.70	3989.01	136.00	3853.01	--	--	--
MW-22	06/09/21	2"	115 - 145	148.71	3989.01	134.60	3854.41	--	--	--
MW-22	11/10/21	2"	115 - 145	148.69	3989.01	134.86	3854.15	--	--	--
MW-23	10/18/07	2"	115 - 145	145	3989.77	131.15	3858.62	--	--	--
MW-23	05/15/08	2"	115 - 145	145	3989.77	130.99	3858.78	--	--	--
MW-23	10/14/08	2"	115 - 145	145	3989.77	131.02	3858.75	--	--	--
MW-23	04/09/09	2"	115 - 145	145	3989.77	130.98	3858.79	--	--	--
MW-23	09/29/09	2"	115 - 145	145	3989.77	131.48	3858.29	--	--	--
MW-23	04/05/10	2"	115 - 145	145	3989.77	131.88	3857.89	--	--	--
MW-23	10/04/10	2"	115 - 145	145	3989.77	132.06	3857.71	--	--	--
MW-23	04/18/11	2"	115 - 145	145	3989.77	132.40	3857.37	--	--	--
MW-23	10/18/11	2"	115 - 145	145	3989.77	133.12	3856.65	--	--	--
MW-23	04/23/12	2"	115 - 145	145	3989.77	132.17	3857.60	--	--	--
MW-23	11/05/12	2"	115 - 145	145	3989.77	132.01	3857.76	--	--	--
MW-23	04/23/13	2"	115 - 145	145	3989.77	132.12	3857.65	--	--	--
MW-23	10/21/13	2"	115 - 145	145	3989.77	132.53	3857.24	--	--	--
MW-23	02/11/14	2"	115 - 145	145	3989.77	133.42	3856.35	--	--	--
MW-23	10/27/14	2"	115 - 145	145	3989.77	134.68	3855.09	--	--	--
MW-23	02/24/15	2"	115 - 145	145	3989.77	134.90	3854.87	--	--	--
MW-23	10/26/15	2"	115 - 145	145	3989.77	135.52	3854.25	--	--	--
MW-23	02/29/16	2"	115 - 145	145	3989.77	134.99	3854.78	--	--	--
MW-23	08/22/16	2"	115 - 145	145	3989.77	133.83	3855.94	--	--	--
MW-23	02/28/17	2"	115 - 145	145	3989.77	132.81	3856.96	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-23	08/28/17	2"	115 - 145	145	3989.77	132.60	3857.17	--	--	--
MW-23	04/03/18	2"	115 - 145	145	3989.77	133.53	3856.24	--	--	--
MW-23	08/27/18	2"	115 - 145	145	3989.77	133.88	3855.89	--	--	--
MW-23	01/29/19	2"	115 - 145	145	3989.77	135.02	3854.75	--	--	--
MW-23	12/16/19	2"	115 - 145	145	3989.77	136.70	3853.07	--	--	--
MW-23	04/06/20	2"	115 - 145	149.21	3989.77	136.74	3853.03	--	--	--
MW-23	06/09/21	---------- Unable to locate ----------								
MW-23	11/10/21	---------- Unable to locate ----------								
MW-24	10/18/07	2"	115 - 145	145	3997.05	134.68	3862.37	--	--	--
MW-24	05/15/08	2"	115 - 145	145	3997.05	134.62	3862.43	--	--	--
MW-24	10/15/08	2"	115 - 145	145	3997.05	134.73	3862.32	--	--	--
MW-24	04/09/09	2"	115 - 145	145	3997.05	134.92	3862.13	--	--	--
MW-24	09/29/09	2"	115 - 145	145	3997.05	135.05	3862.00	--	--	--
MW-24	04/05/10	2"	115 - 145	145	3997.05	135.26	3861.79	--	--	--
MW-24	10/04/10	2"	115 - 145	145	3997.05	135.44	3861.61	--	--	--
MW-24	04/18/11	2"	115 - 145	145	3997.05	135.78	3861.27	--	--	--
MW-24	10/18/11	2"	115 - 145	145	3997.05	135.86	3861.19	--	--	--
MW-24	04/23/12	2"	115 - 145	145	3997.05	135.94	3861.11	--	--	--
MW-24	11/05/12	2"	115 - 145	145	3997.05	135.83	3861.22	--	--	--
MW-24	04/23/13	2"	115 - 145	145	3997.05	136.07	3860.98	--	--	--
MW-24	10/21/13	2"	115 - 145	145	3997.05	136.15	3860.90	--	--	--
MW-24	02/11/14	2"	115 - 145	145	3997.05	136.28	3860.77	--	--	--
MW-24	10/27/14	2"	115 - 145	145	3997.05	136.68	3860.37	--	--	--
MW-24	02/24/15	2"	115 - 145	145	3997.05	136.86	3860.19	--	--	--
MW-24	10/26/15	2"	115 - 145	145	3997.05	136.93	3860.12	--	--	--
MW-24	02/29/16	2"	115 - 145	145	3997.05	137.11	3859.94	--	--	--
MW-24	08/22/16	2"	115 - 145	145	3997.05	137.23	3859.82	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-24	02/28/17	2"	115 - 145	145	3997.05	136.90	3860.15	--	--	--
MW-24	08/28/17	2"	115 - 145	145	3997.05	136.70	3860.35	--	--	--
MW-24	04/03/18	2"	115 - 145	145	3997.05	137.01	3860.04	--	--	--
MW-24	08/27/18	2"	115 - 145	145	3997.05	137.80	3859.25	--	--	--
MW-24	01/28/19	2"	115 - 145	145	3997.05	137.63	3859.42	--	--	--
MW-24	12/16/19	2"	115 - 145	145	3997.05	138.27	3858.78	--	--	--
MW-24	04/06/20	2"	115 - 145	148.62	3997.05	138.46	3858.59	--	--	--
MW-24	06/09/21	2"	115 - 145	148.59	3997.05	139.00	3858.05	--	--	--
MW-24	11/10/21	2"	115 - 145	142.42	3997.05	139.18	3857.87	--	--	--
MW-25	04/02/15	2"	120 - 150	150	3991.88	131.15	3860.73	--	--	--
MW-25	04/09/15	2"	120 - 150	150	3991.88	131.12	3860.76	--	--	--
MW-25	04/21/15	2"	120 - 150	150	3991.88	131.11	3860.77	--	--	--
MW-25	06/04/15	2"	120 - 150	150	3991.88	133.54	3858.34	--	--	--
MW-25	10/26/15	2"	120 - 150	150	3991.88	131.20	3860.68	--	--	--
MW-25	02/29/16	2"	120 - 150	150	3991.88	131.55	3860.33	--	--	--
MW-25	08/22/16	2"	120 - 150	150	3991.88	131.52	3860.36	--	--	--
MW-25	02/28/17	2"	120 - 150	150	3991.88	130.30	3861.58	--	--	--
MW-25	08/28/17	2"	120 - 150	150	3991.88	130.73	3861.15	--	--	--
MW-25	04/03/18	2"	120 - 150	150	3991.88	130.83	3861.05	--	--	--
MW-25	08/27/18	2"	120 - 150	150	3991.88	131.23	3860.65	--	--	--
MW-25	01/28/19	2"	120 - 150	150	3991.88	131.82	3860.06	--	--	--
MW-25	12/16/19	2"	120 - 150	150	3991.88	132.22	3859.66	--	--	--
MW-25	04/06/20	2"	120 - 150	149.90	3991.88	132.49	3859.39	--	--	--
MW-25	06/09/21	2"	120 - 150	149.96	3991.88	132.57	3859.31	--	--	--
MW-25	11/10/21	2"	120 - 150	150.08	3991.88	132.67	3859.21	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
MW-26	04/02/15	2"	120 - 150	150	3991.13	135.60	3855.53	--	--	--
MW-26	04/09/15	2"	120 - 150	150	3991.13	133.54	3857.59	--	--	--
MW-26	04/21/15	2"	120 - 150	150	3991.13	133.52	3857.61	--	--	--
MW-26	06/04/15	2"	120 - 150	150	3991.13	131.15	3859.98	--	--	--
MW-26	10/26/15	2"	120 - 150	150	3991.13	133.61	3857.52	--	--	--
MW-26	02/29/16	2"	120 - 150	150	3991.13	134.00	3857.13	--	--	--
MW-26	08/22/16	2"	120 - 150	150	3991.13	133.90	3857.23	--	--	--
MW-26	02/28/17	2"	120 - 150	150	3991.13	133.20	3857.93	--	--	--
MW-26	08/28/17	2"	120 - 150	150	3991.13	133.07	3858.06	--	--	--
MW-26	04/03/18	2"	120 - 150	150	3991.13	133.11	3858.02	--	--	--
MW-26	08/27/18	2"	120 - 150	150	3991.13	133.58	3857.55	--	--	--
MW-26	01/28/19	2"	120 - 150	150	3991.13	134.20	3856.93	--	--	--
MW-26	12/16/19	2"	120 - 150	150	3991.13	134.56	3856.57	--	--	--
MW-26	04/06/20	2"	120 - 150	151.89	3991.13	134.70	3856.43	--	--	--
MW-26	06/09/21	2"	120 - 150	151.71	3991.13	134.82	3856.31	--	--	--
MW-26	11/10/21	2"	120 - 150	151.69	3991.13	134.76	3856.37	--	--	--
EW-1	04/05/10	4"	120 - 145	145	3987.79	---------- not gauged ----------				--
EW-1	10/04/10	4"	120 - 145	145	3987.79	127.70	3860.09			--
EW-1	03/30/11	4"	120 - 145	145	3987.79	131.85	3858.93	127.95	3.90	5.0
EW-1	04/07/11	4"	120 - 145	145	3987.79	131.82	3858.87	128.03	3.79	4.0
EW-1	04/13/11	4"	120 - 145	145	3987.79	131.67	3858.81	128.16	3.51	3.8
EW-1	04/18/11	4"	120 - 145	145	3987.79	---------- not gauged ----------				--
EW-1	05/03/11	4"	120 - 145	145	3987.79	132.00	3858.78	128.10	3.90	3.5
EW-1	05/10/11	4"	120 - 145	145	3987.79	131.65	3858.75	128.24	3.41	3.0
EW-1	05/17/11	4"	120 - 145	145	3987.79	131.24	3858.79	128.32	2.92	3.5
EW-1	05/24/11	4"	120 - 145	145	3987.79	131.01	3858.70	128.50	2.51	--
EW-1	06/28/11	4"	120 - 145	145	3987.79	130.57	3858.55	128.84	1.73	2.0

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
EW-1	08/24/11	4"	120 - 145	145	3987.79	132.22	3858.63	128.23	3.99	4.0
EW-1	08/25/11	4"	120 - 145	145	3987.79	131.00	3858.58	128.66	2.34	2.5
EW-1	10/18/11	4"	120 - 145	145	3987.79	131.89	3858.34	128.70	3.19	2.8
EW-1	02/01/12	4"	120 - 145	145	3987.79	131.68	3858.17	128.99	2.69	4.5
EW-1	02/16/12	4"	120 - 145	145	3987.79	131.36	3858.95	128.07	3.29	3.0
EW-1	02/28/12	4"	120 - 145	145	3987.79	131.41	3858.88	128.14	3.27	2.5
EW-1	03/12/12	4"	120 - 145	145	3987.79	131.43	3858.84	128.19	3.24	3.7
EW-1	03/29/12	4"	120 - 145	145	3987.79	131.51	3858.94	128.04	3.47	3.0
EW-1	04/10/12	4"	120 - 145	145	3987.79	131.28	3859.01	128.01	3.27	2.5
EW-1	04/23/12	4"	120 - 145	145	3987.79	131.39	3858.88	128.15	3.24	--
EW-1	05/08/12	4"	120 - 145	145	3987.79	131.32	3858.91	128.14	3.18	1.8
EW-1	05/21/12	4"	120 - 145	145	3987.79	131.10	3859.01	128.07	3.03	4.0
EW-1	06/04/12	4"	120 - 145	145	3987.79	130.75	3858.94	128.27	2.48	1.5
EW-1	06/18/12	4"	120 - 145	145	3987.79	131.00	3859.06	128.04	2.96	3.0
EW-1	07/03/12	4"	120 - 145	145	3987.79	130.91	3858.97	128.18	2.73	1.5
EW-1	07/16/12	4"	120 - 145	145	3987.79	130.96	3859.08	128.02	2.94	3.0
EW-1	08/02/12	4"	120 - 145	145	3987.79	130.95	3859.08	128.03	2.92	3.0
EW-1	08/17/12	4"	120 - 145	145	3987.79	130.97	3859.06	128.05	2.92	0.0
EW-1	08/28/12	4"	120 - 145	145	3987.79	130.31	3859.17	128.11	2.20	2.0
EW-1	9/21/012	4"	120 - 145	145	3987.79	130.56	3859.25	127.92	2.64	2.2
EW-1	09/24/12	4"	120 - 145	145	3987.79	130.30	3859.32	127.91	2.39	2.0
EW-1	10/08/12	4"	120 - 145	145	3987.79	129.50	3859.51	127.91	1.59	2.0
EW-1	10/22/12	4"	120 - 145	145	3987.79	130.27	3859.15	128.10	2.17	2.0
EW-1	11/05/12	4"	120 - 145	145	3987.79	129.46	3859.59	127.79	1.67	--
EW-1	11/20/12	4"	120 - 145	145	3987.79	130.03	3859.20	128.12	1.91	1.5
EW-1	01/08/13	4"	120 - 145	145	3987.79	130.25	3859.20	128.04	2.21	1.0
EW-1	01/21/13	4"	120 - 145	145	3987.79	130.59	3859.15	128.00	2.59	2.0
EW-1	01/30/13	4"	120 - 145	145	3987.79	130.36	3859.25	127.94	2.42	1.3

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
EW-1	02/13/13	4"	120 - 145	145	3987.79	130.33	3859.29	127.90	2.43	--
EW-1	02/18/13	4"	120 - 145	145	3987.79	130.49	3859.10	128.09	2.40	1.5
EW-1	03/04/13	4"	120 - 145	145	3987.79	130.42	3859.21	127.97	2.45	--
EW-1	03/18/13	4"	120 - 145	145	3987.79	130.56	3859.15	128.01	2.55	1.3
EW-1	04/01/13	4"	120 - 145	145	3987.79	130.53	3859.12	128.06	2.47	1.0
EW-1	04/15/13	4"	120 - 145	145	3987.79	130.54	3859.20	127.95	2.59	1.8
EW-1	04/23/13	4"	120 - 145	145	3987.79	130.59	3859.12	128.04	2.55	--
EW-1	05/28/13	4"	120 - 145	145	3987.79	130.64	3859.14	128.00	2.64	3.0
EW-1	06/12/13	4"	120 - 145	145	3987.79	130.62	3859.15	127.99	2.63	2.0
EW-1	06/26/13	4"	120 - 145	145	3987.79	131.70	3858.87	128.00	3.70	2.5
EW-1	07/24/13	4"	120 - 145	145	3987.79	131.22	3858.84	128.20	3.02	3.0
EW-1	08/06/13	4"	120 - 145	145	3987.79	131.48	3858.71	128.29	3.19	4.0
EW-1	08/21/13	4"	120 - 145	145	3987.79	131.74	3858.52	128.45	3.29	3.5
EW-1	09/03/13	4"	120 - 145	145	3987.79	131.75	3858.50	128.48	3.27	3.0
EW-1	09/18/13	4"	120 - 145	145	3987.79	131.76	3858.51	128.46	3.30	3.0
EW-1	10/02/13	4"	120 - 145	145	3987.79	131.90	3858.21	128.81	3.09	3.0
EW-1	10/16/13	4"	120 - 145	145	3987.79	131.78	3858.12	128.97	2.81	2.5
EW-1	10/21/13	4"	120 - 145	145	3987.79	135.94	3854.71	132.14	3.80	--
EW-1	10/30/13	4"	120 - 145	145	3987.79	130.95	3858.01	129.40	1.55	2.0
EW-1	11/13/13	4"	120 - 145	145	3987.79	130.85	3858.12	129.28	1.57	1.5
EW-1	12/04/13	4"	120 - 145	145	3987.79	131.68	3858.25	128.84	2.84	2.0
EW-1	12/12/13	4"	120 - 145	145	3987.79	132.20	3858.17	128.77	3.43	3.0
EW-1	12/30/13	4"	120 - 145	145	3987.79	131.82	3858.26	128.78	3.04	1.5
EW-1	02/11/14	4"	120 - 145	145	3987.79	132.34	3858.23	128.64	3.70	--
EW-1	02/25/14	4"	120 - 145	145	3987.79	132.51	3858.11	128.75	3.76	3.0
EW-1	02/25/14	4"	120 - 145	145	3987.79	129.92	3858.16	129.54	0.38	--
EW-1	03/13/14	4"	120 - 145	145	3987.79	132.19	3858.01	128.98	3.21	3.0
EW-1	03/27/14	4"	120 - 145	145	3987.79	130.02	3857.93	129.81	0.21	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
EW-1	04/10/14	4"	120 - 145	145	3987.79	131.12	3857.92	129.46	1.66	1.8
EW-1	04/10/14	4"	120 - 145	145	3987.79	130.06	3857.91	129.82	0.24	--
EW-1	04/24/14	4"	120 - 145	145	3987.79	131.11	3857.79	129.63	1.48	1.5
EW-1	04/24/14	4"	120 - 145	145	3987.79	130.07	3857.80	129.96	0.11	--
EW-1	05/08/14	4"	120 - 145	145	3987.79	130.82	3857.86	129.63	1.19	0.8
EW-1	05/08/14	4"	120 - 145	145	3987.79	130.04	3857.87	129.88	0.16	--
EW-1	06/19/14	4"	120 - 145	145	3987.79	131.08	3857.80	129.63	1.45	1.5
EW-1	06/19/14	4"	120 - 145	145	3987.79	130.08	3857.82	129.93	0.15	--
EW-1	07/03/14	4"	120 - 145	145	3987.79	130.69	3857.83	129.72	0.97	0.8
EW-1	07/03/14	4"	120 - 145	145	3987.79	130.09	3857.82	129.93	0.16	--
EW-1	08/01/14	4"	120 - 145	145	3987.79	130.77	3857.83	129.69	1.08	0.5
EW-1	08/01/14	4"	120 - 145	145	3987.79	130.17	3857.86	129.85	0.32	--
EW-1	08/28/14	4"	120 - 145	145	3987.79	130.73	3857.74	129.83	0.90	0.8
EW-1	08/28/14	4"	120 - 145	145	3987.79	130.29	3857.76	129.94	0.35	--
EW-1	09/11/14	4"	120 - 145	145	3987.79	130.99	3857.58	129.95	1.04	0.8
EW-1	09/11/14	4"	120 - 145	145	3987.79	130.28	3857.59	130.17	0.11	--
EW-1	09/25/14	4"	120 - 145	145	3987.79	130.68	3857.52	130.14	0.54	0.5
EW-1	09/25/14	4"	120 - 145	145	3987.79	130.40	3857.50	130.25	0.15	--
EW-1	10/24/14	4"	120 - 145	145	3987.79	130.53	3857.49	130.22	0.31	0.3
EW-1	10/27/14	4"	120 - 145	145	3987.79	130.45	3857.53	130.20	0.25	--
EW-1	01/13/15	4"	120 - 145	145	3987.79	130.55	3857.35	130.40	0.15	0.3
EW-1	01/29/15	4"	120 - 145	145	3987.79	130.84	3857.32	130.35	0.49	0.5
EW-1	02/10/15	4"	120 - 145	145	3987.79	130.62	3857.44	130.26	0.36	0.3
EW-1	02/24/15	4"	120 - 145	145	3987.79	130.44	3857.60	130.11	0.33	0.8
EW-1	03/12/15	4"	120 - 145	145	3987.79	130.65	3857.36	130.36	0.29	0.1
EW-1	03/26/15	4"	120 - 145	145	3987.79	130.81	3857.21	130.50	0.31	0.4
EW-1	04/09/15	4"	120 - 145	145	3987.79	130.73	3857.26	130.46	0.27	0.1
EW-1	04/21/15	4"	120 - 145	145	3987.79	130.67	3857.26	130.49	0.18	trace

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
EW-1	05/06/15	4"	120 - 145	145	3987.79	130.67	3857.29	130.45	0.22	0.1
EW-1	05/21/15	4"	120 - 145	145	3987.79	130.69	3857.24	130.51	0.18	0.5
EW-1	06/04/15	4"	120 - 145	145	3987.79	130.60	3857.28	130.48	0.12	0.1
EW-1	07/02/15	4"	120 - 145	145	3987.79	130.74	3857.16	130.59	0.15	3.0
EW-1	07/16/15	4"	120 - 145	145	3987.79	130.80	3857.08	130.68	0.12	0.1
EW-1	07/30/15	4"	120 - 145	145	3987.79	134.46	3853.53	134.20	0.26	--
EW-1	08/28/15	4"	120 - 145	145	3987.79	130.74	3857.12	130.65	0.09	1.8
EW-1	09/10/15	4"	120 - 145	145	3987.79	130.87	3856.94	130.84	0.03	--
EW-1	09/25/15	4"	120 - 145	145	3987.79	130.80	3857.02	130.76	0.04	--
EW-1	10/08/15	4"	120 - 145	145	3987.79	130.75	3857.06	130.73	0.02	0.1
EW-1	10/26/15	4"	120 - 145	145	3987.79	130.56	3857.25	130.54	0.02	--
EW-1	11/05/15	4"	120 - 145	145	3987.79	130.75	3857.04	--	--	--
EW-1	01/14/16	4"	120 - 145	145	3987.79	130.90	3856.89	--	--	--
EW-1	02/25/16	4"	120 - 145	145	3987.79	131.13	3856.66	--	--	--
EW-1	02/29/16	4"	120 - 145	145	3987.79	131.13	3856.67	131.12	0.01	--
EW-1	03/10/16	4"	120 - 145	145	3987.79	131.11	3856.68	--	--	--
EW-1	03/22/16	4"	120 - 145	145	3987.79	131.10	3856.69	--	--	--
EW-1	04/04/16	4"	120 - 145	145	3987.79	131.26	3856.53	--	--	--
EW-1	04/21/16	4"	120 - 145	145	3987.79	131.22	3856.57	--	--	--
EW-1	05/20/16	4"	120 - 145	145	3987.79	131.32	3856.47	--	--	--
EW-1	06/02/16	4"	120 - 145	145	3987.79	131.32	3856.48	131.31	0.01	--
EW-1	06/16/16	4"	120 - 145	145	3987.79	131.36	3856.44	131.35	0.01	1.5
EW-1	06/30/16	4"	120 - 145	145	3987.79	131.51	3856.39	131.36	0.15	1.5
EW-1	07/14/16	4"	120 - 145	145	3987.79	131.15	3856.64	--	--	--
EW-1	07/25/16	4"	120 - 145	145	3987.79	130.99	3856.80	--	--	--
EW-1	08/22/16	4"	120 - 145	145	3987.79	130.92	3856.87	--	--	--
EW-1	09/09/16	4"	120 - 145	145	3987.79	130.93	3856.86	--	--	--
EW-1	09/22/16	4"	120 - 145	145	3987.79	131.07	3856.72	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
EW-1	10/06/16	4"	120 - 145	145	3987.79	131.08	3856.71	--	--	--
EW-1	10/20/16	4"	120 - 145	145	3987.79	130.65	3857.14	--	--	--
EW-1	11/03/16	4"	120 - 145	145	3987.79	130.55	3857.24	--	--	--
EW-1	11/16/16	4"	120 - 145	145	3987.79	130.41	3857.38	--	--	--
EW-1	11/28/16	4"	120 - 145	145	3987.79	130.50	3857.29	--	--	--
EW-1	12/15/16	4"	120 - 145	145	3987.79	130.53	3857.26	--	--	--
EW-1	02/28/17	4"	120 - 145	145	3987.79	130.21	3857.58	--	--	--
EW-1	03/08/17	4"	120 - 145	145	3987.79	133.75	3854.04	--	--	--
EW-1	03/25/17	4"	120 - 145	145	3987.79	133.70	3854.09	--	--	--
EW-1	04/13/17	4"	120 - 145	145	3987.79	129.98	3857.81	--	--	--
EW-1	05/01/17	4"	120 - 145	145	3987.79	129.85	3857.94	--	--	--
EW-1	06/12/17	4"	120 - 145	145	3987.79	129.80	3857.99	--	--	--
EW-1	06/26/17	4"	120 - 145	145	3987.79	129.66	3858.13	--	--	--
EW-1	07/24/17	4"	120 - 145	145	3987.79	124.92	3863.01	124.74	0.18	--
EW-1	08/07/17	4"	120 - 145	145	3987.79	--	--	--	--	trace
EW-1	08/28/17	4"	120 - 145	145	3987.79	130.42	3857.94	129.66	0.76	0.1
EW-1	09/20/17	4"	120 - 145	145	3987.79	130.24	3858.03	129.60	0.64	--
EW-1	10/16/17	4"	120 - 145	145	3987.79	130.23	3858.03	129.60	0.63	0.1
EW-1	10/31/17	4"	120 - 145	145	3987.79	130.28	3858.02	129.60	0.68	0.3
EW-1	11/13/17	4"	120 - 145	145	3987.79	130.37	3858.00	129.60	0.77	0.2
EW-1	11/27/17	4"	120 - 145	145	3987.79	130.50	3857.97	129.60	0.90	0.1
EW-1	12/11/17	4"	120 - 145	145	3987.79	130.48	3857.98	129.59	0.89	0.5
EW-1	01/02/18	4"	120 - 145	145	3987.79	130.70	3857.90	129.62	1.08	1.0
EW-1	01/08/18	4"	120 - 145	145	3987.79	130.81	3857.90	129.58	1.23	1.0
EW-1	01/24/18	4"	120 - 145	145	3987.79	131.24	3857.68	129.74	1.50	0.75
EW-1	02/05/18	4"	120 - 145	145	3987.79	130.79	3857.89	129.56	1.18	0.20
EW-1	02/23/18	4"	120 - 145	145	3987.79	130.51	3858.02	129.53	0.98	0.50
EW-1	03/05/18	4"	120 - 145	145	3987.79	130.61	3857.86	129.70	0.91	0.50

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
EW-1	04/03/18	4"	120 - 145	145	3987.79	130.71	3857.85	129.69	1.02	--
EW-1	04/16/18	4"	120 - 145	145	3987.79	130.79	3857.94	129.54	1.25	0.50
EW-1	04/30/18	4"	120 - 145	145	3987.79	131.03	3857.83	129.61	1.42	0.30
EW-1	05/14/18	4"	120 - 145	145	3987.79	131.18	3857.78	129.63	1.55	0.40
EW-1	06/01/18	4"	120 - 145	145	3987.79	130.44	3857.93	129.67	0.77	2.00
EW-1	06/11/18	4"	120 - 145	145	3987.79	131.67	3857.60	129.70	1.97	2.00
EW-1	06/25/18	4"	120 - 145	145	3987.79	132.14	3857.33	129.91	2.23	1.50
EW-1	07/09/18	4"	120 - 145	145	3987.79	132.28	3857.30	129.90	2.38	1.60
EW-1	07/23/18	4"	120 - 145	145	3987.79	132.37	3857.28	129.90	2.47	1.00
EW-1	08/06/18	4"	120 - 145	145	3987.79	132.30	3857.29	129.91	2.39	1.50
EW-1	08/20/18	4"	120 - 145	145	3987.79	132.22	3857.31	129.91	2.31	1.25
EW-1	08/27/18	4"	120 - 145	145	3987.79	132.18	3857.38	129.83	2.35	--
EW-1	09/05/18	4"	120 - 145	145	3987.79					
EW-1	10/01/18	4"	120 - 145	145	3987.79	132.27	3857.32	129.88	2.39	1.75
EW-1	10/15/18	4"	120 - 145	145	3987.79	131.97	3857.39	129.88	2.09	3.50
EW-1	11/13/18	4"	120 - 145	145	3987.79	132.13	3857.29	129.96	2.17	2.50
EW-1	12/03/18	4"	120 - 145	145	3987.79	132.67	3857.11	130.03	2.64	2.00
EW-1	12/11/18	4"	120 - 145	145	3987.79	132.80	3857.10	130.00	2.80	1.25
EW-1	01/28/19	4"	120 - 145	145	3987.79	133.50	3856.85	130.09	3.41	--
EW-1	03/05/19	4"	120 - 145	145	3987.79	134.03	3856.44	130.47	3.56	3.50
EW-1	3/18/19	4"	120 - 145	145	3987.79	133.99	3856.51	130.39	3.60	3.50
EW-1	4/5/19	4"	120 - 145	145	3987.79	133.94	3856.52	130.39	3.55	3.00
EW-1	4/18/19	4"	120 - 145	145	3987.79	133.91	3856.44	130.51	3.40	3.50
EW-1	4/29/19	4"	120 - 145	145	3987.79	133.86	3856.48	130.47	3.39	3.50
EW-1	5/29/19	4"	120 - 145	145	3987.79	133.87	3856.49	130.45	3.42	2.10
EW-1	6/10/19	4"	120 - 145	145	3987.79	133.83	3856.46	130.50	3.33	1.25
EW-1	6/24/19	4"	120 - 145	145	3987.79	133.62	3856.60	130.39	3.23	0.50
EW-1	7/12/19	4"	120 - 145	145	3987.79	133.87	3856.51	130.42	3.45	3.30

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
EW-1	7/22/19	4"	120 - 145	145	3987.79	133.92	3856.42	130.53	3.39	2.00
EW-1	8/5/19	4"	120 - 145	145	3987.79	133.91	3856.47	130.46	3.45	1.30
EW-1	8/19/19	4"	120 - 145	145	3987.79	133.97	3856.41	130.53	3.44	2.50
EW-1	9/6/19	4"	120 - 145	145	3987.79	133.92	3856.45	130.49	3.43	2.00
EW-1	9/16/19	4"	120 - 145	145	3987.79	133.95	3856.40	130.54	3.41	3.50
EW-1	9/30/19	4"	120 - 145	145	3987.79	133.97	3856.39	130.55	3.42	2.80
EW-1	12/16/19	4"	120 - 145	145	3987.79	134.31	3856.18	130.72	3.59	--
EW-1	01/30/20	4"	120 - 145		3987.79	134.25	3856.20	130.71	3.54	5.00
EW-1	02/12/20	4"	120 - 145		3987.79	134.24	3856.17	130.76	3.48	4.00
EW-1	02/27/20	4"	120 - 145		3987.79	134.16	3856.18	130.77	3.39	3.00
EW-1	03/13/20	4"	120 - 145		3987.79	134.24	3856.13	130.81	3.43	4.00
EW-1	03/27/20	4"	120 - 145		3987.79	134.28	3856.10	130.84	3.44	--
EW-1	04/06/20	4"	120 - 145	143.86	3987.79	134.14	3856.16	130.80	3.34	--
EW-1	04/07/20	4"	120 - 145		3987.79	134.14	3856.16	130.80	3.34	3.00
EW-1	04/23/20	4"	120 - 145		3987.79	134.23	3856.06	130.90	3.33	--
EW-1	05/12/20	4"	120 - 145		3987.79	134.20	3856.11	130.85	3.35	3.00
EW-1	06/09/21	4"	120 - 145		3987.79	134.28	3856.04	130.92	3.36	--
EW-1	07/20/21	4"	120 - 145		3987.79	133.68	3856.26	130.82	2.86	--
EW-1	09/14/21	4"	120 - 145		3987.79	133.85	3856.23	130.81	3.04	6.50
EW-1	10/21/21	4"	120 - 145		3987.79	133.96	3856.19	130.82	3.14	4.50
EW-1	11/10/21	4"	120 - 145		3987.79	134.21	3856.01	130.98	3.23	6.00
EW-1	12/22/21	4"	120 - 145		3987.79	134.58	3855.81	131.12	3.46	5.00
TW-11	04/05/10				3989.11	130.27	3858.84	--	--	--
TW-11	10/04/10				3989.11	130.59	3858.52	--	--	--
TW-11	01/12/11				3989.11	129.95	3859.16	--	--	--
TW-11	04/18/11				3989.11	131.12	3857.99	--	--	--
TW-11	10/18/11				3989.11	131.46	3857.65	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
TW-11	04/23/12				3989.11	130.71	3858.40	--	--	--
TW-11	11/05/12				3989.11	127.87	3861.24	--	--	--
TW-11	04/23/13				3989.11	127.85	3861.26	--	--	--
TW-11	10/21/13				3989.11	130.26	3858.85	--	--	--
TW-11	02/11/14				3989.11	128.95	3860.16	--	--	--
TW-11	10/27/14				3989.11	130.27	3858.84	--	--	--
TW-11	02/24/15				3989.11	130.09	3859.02	--	--	--
TW-11	10/26/15				3989.11	130.17	3858.94	--	--	--
TW-11	02/29/16				3989.11	131.44	3857.67	--	--	--
TW-11	08/22/16				3989.11	131.00	3858.11	--	--	--
TW-11	02/28/17				3989.11	129.90	3859.21	--	--	--
TW-11	08/28/17				3989.11	132.60	3856.51	--	--	--
TW-11	04/03/18				3989.11	129.18	3859.93	--	--	--
TW-11	08/27/18				3989.11	130.15	3858.96	--	--	--
TW-11	01/28/19				3989.11	131.50	3857.61	--	--	--
TW-11	12/16/19				3989.11	130.96	3858.15	--	--	--
TW-11	04/06/20			188.22	3989.11	131.05	3858.06	--	--	--
TW-11	06/09/21			188.20	3989.11	130.71	3858.40	--	--	--
TW-11	11/10/21			188.13	3989.11	129.00	3860.11	--	--	--
TW-13	04/05/10				3988.73	130.56	3858.17	--	--	--
TW-13	10/04/10				3988.73	130.91	3857.82	--	--	--
TW-13	04/18/11				3988.73	131.50	3857.23	--	--	--
TW-13	10/18/11				3988.73	131.57	3857.16	--	--	--
TW-13	04/23/12				3988.73	130.73	3858.00	--	--	--
TW-13	11/05/12				3988.73	130.34	3858.39	--	--	--
TW-13	04/23/13				3988.73	130.43	3858.30	--	--	--
TW-13	10/21/13				3988.73	132.37	3856.36	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
TW-13	02/11/14				3988.73	131.65	3857.08	--	--	--
TW-13	10/27/14				3988.73	132.67	3856.06	--	--	--
TW-13	02/24/15				3988.73	132.94	3855.79	--	--	--
TW-13	10/26/15				3988.73	133.15	3855.58	--	--	--
TW-13	02/29/16				3988.73	133.92	3854.81	--	--	--
TW-13	08/22/16				3988.73	133.13	3855.60	--	--	--
TW-13	02/28/17				3988.73	132.40	3856.33	--	--	--
TW-13	08/28/17				3988.73	132.01	3856.72	--	--	--
TW-13	04/03/18				3988.73	131.77	3856.96	--	--	--
TW-13	08/27/18				3988.73	132.45	3856.28	--	--	--
TW-13	01/28/19				3988.73	133.55	3855.18	--	--	--
TW-13	12/16/19				3988.73	133.82	3854.91	--	--	--
TW-13	04/06/20			176.65	3988.73	133.84	3854.89	--	--	--
TW-13	06/09/21			176.43	3988.73	133.46	3855.27	--	--	--
TW-13	11/10/21			176.40	3988.73	133.44	3855.29	--	--	--
TW-20	11/05/12				3988.40	130.40	3858.00	--	--	--
TW-20	04/23/13				3988.40	133.25	3855.15	--	--	--
TW-20	10/21/13				3988.40	132.59	3855.81	--	--	--
TW-20	02/11/14				3988.40	132.05	3856.35	--	--	--
TW-20	10/27/14				3988.40	---------- not gauged ----------				--
TW-20	02/24/15				3988.40	133.52	3854.88	--	--	--
TW-20	10/26/15				3988.40	133.70	3854.70	--	--	--
TW-20	02/29/16				3988.40	134.40	3854.00	--	--	--
TW-20	08/22/16				3988.40	133.41	3854.99	--	--	--
TW-20	02/28/17				3988.40	132.70	3855.70	--	--	--
TW-20	08/28/17				3988.40	132.08	3856.32			
TW-20	08/28/17				3988.40	132.08	3856.32	--	--	--

APPENDIX D
SUMMARY OF HISTORICAL GROUNDWATER POTENTIOMETRIC ELEVATION DATA
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Well Diamater	Screened Interval ft toc	Total Depth ft toc	Casing Elevation ft msl	Depth To Water ft toc	Water Elevation ft msl	Depth to LNAPL ft toc	LNAPL Thickness ft	LNAPL Removed gal
TW-20	04/03/18				3988.40	132.02	3856.38	--	--	--
TW-20	08/27/18				3988.40	132.52	3855.88	--	--	--
TW-20	01/28/19				3988.40	133.70	3854.70	--	--	--
TW-20	12/16/19				3988.40	134.13	3854.27	--	--	--
TW-20	04/06/20				3988.40	--	--	--	--	--

NOTES:
NG - not gauged
ft msl - feet above mean sea level
ft toc - feet below top of casing
LNAPL - light non-aqueous phase liquid
LNAPL was observed in MW-8 beginning in October 2010, in MW-19 beginning in May 2008, and in EW-1 begining in October 2010; however, data regarding thickness of LNAPL is not available (Stantec, 2010, 2010 Groundwater Monitoring Report, Buckeye Compressor Station, Lea County, New Mexico, December 2010).
Well MW-25 and MW-26 were installed in April 2015.
-- = Not Measured or Not Applicable

Appendix E

Summary of Historical Groundwater Analytical Results

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1*	*0.7*	*0.62*	*---*	*---*	*---*	*250*	*1,000*	
		mg/L	*mg/L*	*mg/L*	*mg/L*				*mg/L*	*mg/L*	
MW-1	6/19/02	***1.74***	0.024	<0.010	<0.010				97.5	458	
MW-1	10/9/02	***3.56***	<0.010	<0.010	<0.010						
MW-1	8/12/03	***0.555***	0.003	0.003	0.009						
MW-1	8/10/04	***1.5***	<0.010	0.008	0.014				100	603	
MW-1	2/18/05	***1.74***	<0.01	<0.01	<0.01				96.0	606	
MW-1	12/21/05	***4.4***	<0.007	0.017 J	<0.008				74.6		
MW-1	4/11/06	***3.0***	<0.002	**6.3 J**	<0.006				73.1		
MW-1	10/12/06	***1.4***	0.051	0.02300	0.019				81.9		
MW-1	5/1/07	***2.3***	<0.001	0.0046 J	0.0032 J				80.5	503	
MW-1	10/24/07	***1.7***	0.0014 J	0.0039 J	0.003				83.7		
MW-1	5/21/08	***1.6***	0.0055	0.0064	0.005 J				86.4		
MW-1	10/16/08	***1.5***	0.0017 J	0.0083	0.0066 J				79.7		
MW-1	4/20/09	***1.7***	0.0036 J	0.0076 J	0.0066 J				73.8		
MW-1	9/29/09	***3.1***	0.0027	0.0022	0.0059				71.1		
MW-1	4/6/10	***4.0***	<0.0040	0.0045 J	<0.012						
MW-1	10/7/10	***3.3***	0.0032 J	0.0013 J	0.0031 J						
MW-1	4/26/11	***8.8***	<0.0010	0.0022	0.0039	18.2	<0.050		62.5		
MW-1	10/20/11	***6.2***	<0.200	<0.100	<0.100	<1.50	1.84		63.4		
MW-1	4/26/12	***3.94***	<0.500	<0.250	<0.250	4.68	<1.50		67.7		
MW-1	11/9/12	***1.10***	<0.020	<0.010	<0.010	<1.50	<1.50		64.1		
MW-1	4/25/13	***6.21***	<0.100	<0.050	<0.050	6.57	<1.50				
MW-1	10/24/13	***6.19***	<0.0400	<0.0200	<0.0200	6.62	<1.50	6.62			
MW-1	2/14/14	***7.25***	<0.1000	<0.0500	<0.0500	5.00	<1.50	5.00			
MW-1	10/30/14	***6.59***	<0.0500	<0.2500	<0.0250	10.00	<1.48	10.00			
MW-1	3/3/15	***5.56***	<0.05000	<0.0250	<0.0250	6.58	<1.50	6.58			
MW-1	10/29/15	***1.49***	<0.040000	<0.020000	<0.0200	2.07	<1.41	2.07			
MW-1	3/3/16	***1.50***	<0.0400	<0.0200	<0.0200	2.24	<1.41	2.24			
MW-1	8/23/16	***3.59***	<0.0200	<0.0200	<0.0200	1.99	<1.50	1.99			
MW-1	3/3/17	***0.0978***	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-1	8/31/17	***2.34***	<0.100	<0.100	<0.100	<1.50	<1.50	<1.50			
MW-1	4/5/18	***1.650***	<0.00200	<0.00200	<0.00200	3.08	<1.50	3.08			
MW-1	8/29/18	***2.94***	<0.00200	<0.00200	<0.00200	4.00	<1.50	4.00			
MW-1	1/29/19	***2.02***	0.002	0.002	0.002	<1.50	<1.50	<1.50			
MW-1	12/17/19	***0.84***	<0.00020	<0.00021	<0.00037	3.0	<1.50	3.0			
MW-1	4/10/20	***0.45***	<0.00020	<0.00021	<0.00037	1.6	0.091 J	0.32			
MW-1	6/9/21	***0.0749***	<0.000412	<0.000160	<0.000510	0.242 B	1.02	1.262 B			
MW-1	11/10/21	***0.204***	<0.000412	<0.000160	<0.000510	--	--	--			
MW-2	6/19/02	***1.15***	<0.005	0.009	0.017				88.6	335	
MW-2	10/9/02	***1.73***	<0.010	0.017	0.040						
MW-2	8/12/03	***0.947***	<0.005	0.007	0.014						
MW-2	8/10/04	***0.149***	0.001	0.001	0.003				78	361	
MW-2	2/18/05	***1.15***	<0.010	0.0115	0.030				169		
MW-2	12/21/05	***15.0***	4.0	**0.760**	0.700				62.4		
MW-2	4/11/06	***0.65***	0.11	0.035	0.280				87.4		
MW-2	10/12/06	***1.10***	0.19	0.017	0.029				81.1		
MW-2	5/7/07	***0.490***	0.004 J	0.0023	0.009				80.8	469	
MW-2	10/24/07	***0.90***	0.0007 J	0.004	0.016				79.8		
MW-2	5/21/08	***1.3***	0.0035	0.004	0.014				100		
MW-2	10/16/08	***0.67***	0.0013 J	0.0013 J	0.011 J				92.3		
MW-2	4/20/09	***0.74***	0.0013 J	0.0013 J	0.015				63.5		
MW-2	9/29/09	***0.62***	0.020	0.0043	0.015				67.8		
MW-2	4/6/10	***0.140***	<0.0002	0.0002 J	0.0055						
MW-2	10/6/10	***0.200***	0.035	0.0044	0.0087						
MW-2	4/21/11	***1.000***	0.0033	<0.00020	<0.00070	1.99	0.051		62.0		
MW-2	10/19/11	***0.993***	<0.00200	<0.00100	<0.00100	<1.50	2.04		106		
MW-2	4/26/12	***0.868***	<0.500	<0.250	<0.250	<1.50	<1.50		129		
MW-2	11/12/12	***0.709***	0.0224	0.0122	0.0317	<1.50	<1.50		140		
MW-2	4/25/13	***0.294***	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-2	10/24/13	***0.583***	<0.0100	<0.00500	<0.00500	<1.50	<1.50	<1.50			
MW-2	2/13/14	***0.174***	<0.0020	<0.00100	<0.00100	<1.50	<1.50	<1.50			

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1 mg/L*	*0.7 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1,000 mg/L*	
MW-2	10/30/14	***0.0281***	<0.0020	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-2	3/3/15	***0.0712***	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-2	10/29/15	0.00325	<0.0020	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-2	3/3/16	0.00216	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-2	8/23/16	***0.0622***	<0.00200	<0.00200	<0.00200	1.99	<1.50	<1.50			
MW-2	3/3/17	***0.0447***	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-2	8/31/17	***0.757***	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-2	4/5/18	***0.315***	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-2	8/29/18	***0.249***	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-2	1/29/19	**0.00610**	0.002	0.002	0.002	<1.50	<1.50	<1.50			
MW-2	12/20/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-2	4/10/20	**0.0051**	<0.00020	<0.00021	<0.00037	0.035 J	<0.045	<0.15			
MW-2	6/9/21	**0.0099**	<0.000412	<0.000160	<0.000510	0.0727 B J	0.216	0.289			
MW-2	11/10/21	**0.0758**	<0.000412	0.000175 J	<0.000510	--	--	--			
MW-3	6/20/02	***1.05***	0.739	0.345	0.416				56.1		
MW-3	10/9/02	***4.8***	1.24	0.088	0.178						
MW-3	8/11/03	***3.3***	1.13	0.24	0.272						
MW-3	8/10/04	***2.57***	1.190	0.185	0.222				49.6		
MW-3	2/18/05										NS--H2S
MW-3	12/20/05										NS--H2S
MW-3	4/11/06	***1.70***	0.62	0.091	0.086				47.7		
MW-3	10/12/06	***5.30***	1.8	0.16	0.240				60.2		
MW-3	5/3/07	***3.40***	1.3	0.16	0.260				56.3	359	
MW-3	10/24/07										NS--no access
MW-3	5/20/08	***1.40***	0.085	0.034	0.045				63		
MW-3	10/16/08										No lab data
MW-3	4/16/09	***0.46***	0.061	0.011	0.020				54.9		
MW-3	9/29/09	***0.50***	0.091	0.012	0.019				52.8		
MW-3	4/6/10	***0.570***	0.190	0.021	0.028						
MW-3	10/6/10	***0.430***	0.160	0.017	0.025						
MW-3	4/21/11	***6.600***	1.100	0.088	0.120	14.5	0.026 J		41.7		
MW-3	10/19/11	***7.05***	0.372	0.391	0.480	11.1	2.200		43.8		
MW-3	4/24/12										NS--LNAPL
MW-3	11/12/12	***7.06***	0.822	0.249	0.204	11.8	<1.50		43.5		
MW-3	4/26/13	***11.70***	0.884	0.289	0.301	13.0	<1.50				
MW-3	10/22/13										NS--LNAPL
MW-3	2/11/14										NS--LNAPL
MW-3	10/27/14										NS--LNAPL
MW-3	2/24/15										NS--LNAPL
MW-3	10/28/15										NS--LNAPL
MW-3	2/29/16										NS--LNAPL
MW-3	8/23/16	***6.60***	0.0685	<0.100	0.242	6.19	1.75	7.94			
MW-3	3/3/17										NS--LNAPL
MW-3	8/30/17										NS--LNAPL
MW-3	4/5/18										NS--LNAPL
MW-3	8/29/18										NS--LNAPL
MW-3	1/29/19										NS--LNAPL
MW-3	12/20/19										NS--LNAPL
MW-3	4/7/20										NS--LNAPL
MW-3	6/8/21										NS--LNAPL
MW-3	11/10/21										NS--LNAPL
MW-4	6/20/02	0.001	<0.001	<0.001	<0.001				142	558	
MW-4	10/9/02	***0.705***	<0.005	0.005	0.011						
MW-4	8/13/03	***2.39***	<0.005	0.012	0.006						
MW-4	8/11/04	***3.73***	0.0409	0.077	0.037				44.3	329	
MW-4	2/18/05	***6.85***	0.004 J	0.043	0.024				43.0	312	
MW-4	12/20/05	***4.80***	<0.001	0.035	0.018				50.5		
MW-4	4/12/06	***5.00***	0.014	0.050	0.018 J				42.9		
MW-4	10/11/06	***6.30***	0.0031 J	0.039	0.020				52.6		
MW-4	4/30/07	***14.00***	0.0089 J	0.170	0.074				64.4	276	

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1 mg/L*	*0.7 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1,000 mg/L*	
MW-4	10/24/07	***14.00***	0.012	0.180	0.067				53.4		
MW-4	5/19/08	***12.00***	0.170	0.150	0.110				62.9		
MW-4	10/20/08	***17.00***	1.1	0.580	2.200				63.4		
MW-4	4/15/09	***20.00***	0.180	0.390	0.28 J				57.10		
MW-4	9/30/09	***18.00***	0.110	0.320	0.140 J				56.70		
MW-4	4/6/10	***25.0***	0.490	0.470	0.220 J						
MW-4	10/7/10	***20.0***	0.500	0.370	0.200						
MW-4	4/26/11	***39.0***	0.170	0.230	0.130	75.7	0.360		86.4		
MW-4	10/20/11	***23.1***	<0.200	0.128	<0.100	21.4	1.810		79		
MW-4	4/26/12	***16.6***	<0.500	<0.250	<0.250	15.9	<1.50		77.1		
MW-4	11/7/12	***19.2***	0.464	0.113	0.449	18.6	<1.50		70.7		
MW-4	4/26/13	***20.5***	<0.200	<0.100	<0.100	18.8	<1.50				
MW-4	10/24/13	***19.6***	<0.100	0.167	0.0595	21.7	<1.50	21.7			
MW-4	2/14/14	***19.9***	<0.100	0.070	0.0500	30.5	<1.50	30.5			
MW-4	10/29/14	***26.2***	<0.200	0.202	<0.100	34.0	<1.48	34.0			
MW-4	3/3/15	***23.4***	<0.20001	0.177	<0.100	24.6	<1.50	24.6			
MW-4	10/28/15	***9.52***	0.141	0.051	0.0550	15.7	<1.41	15.7			
MW-4	3/3/16	***5.77***	0.0201	0.0450	0.0297	6.26	<1.41	6.26			
MW-4	8/24/16	***6.81***	<0.100	<0.100	<0.100	5.88	<1.50	5.88			
MW-4	3/1/17	***4.20***	<0.100	<0.100	<0.100	<1.50	<1.50	<1.50			
MW-4	8/31/17	***6.19***	<0.100	<0.100	<0.100	<1.50	<1.50	<1.50			
MW-4	4/4/18	***12.80***	<0.00200	0.00294	<0.00200	21.1	<1.50	21.1			
MW-4	8/28/18	***9.76***	<0.20000	<0.20000	<0.20000	13.7	<1.50	13.7			
MW-4	1/29/19	***6.92***	0.2	0.00228	0.00113	9.64	<1.50	<1.50			
MW-4	12/19/19	***11.00***	0.004	0.044	0.030 J	28.00	<1.50	28.0			
MW-4	12/19/19	***12.00***	0.004	0.044	0.030 J	33.00	<1.50	33.0			
MW-4	4/9/20	***3.40***	0.0048 J	0.017	0.0056 J	13.00	0.055 J	<0.16			
MW-4	4/9/20	***3.20***	0.0045 J	0.016	<0.020	12.00	0.055 J	<0.16			
MW-4	6/9/21	***11.40***	0.000655 J	0.00543	0.00555	31.90	0.618	32.5			
MW-4	11/10/21	***15.80***	<0.0412	<0.0160	<0.0510	--	--	--			
MW-5	6/20/02	0.002	<0.001	<0.001	<0.001				160	521	
MW-5	10/9/02	***0.489***	<0.001	<0.001	<0.001						
MW-5	8/13/03	***0.361***	0.002	0.001	0.002						
MW-5	8/12/04	***0.169***	0.0005	0.0021	0.002				63.8	408	
MW-5	2/18/05	***0.125***	<0.001	0.001 J	0.002				48.8	397	
MW-5	12/21/05	***0.30***	<0.0007	0.002 J	0.002 J				36.1		
MW-5	4/12/06	***0.04***	0.014	0.0055	0.006				26.9		
MW-5	10/12/06	***0.71***	0.200	0.036	0.039				31.5		
MW-5	4/26/07	***0.013***	<0.0002	<0.0002	<0.0006				26.7	303	
MW-5	10/23/07	**0.0083**	<0.0002	<0.0002	<0.0006				25.6		
MW-5	5/20/08	***0.066***	0.0012	0.0086	0.011				30.1		
MW-5	10/20/08	***0.012***	0.0015	0.0003 J	<0.0006				37.3		
MW-5	4/21/09	***0.028***	0.0007 J	0.0018	0.0015 J				27.2		
MW-5	9/29/09	***0.011***	0.0008 J	<0.0002	<0.0006				25.9		
MW-5	4/6/10	***0.037***	0.0004 J	0.0003 J	<0.0006						
MW-5	10/5/10	***0.019***	<0.0002	<0.0002	<0.0006						
MW-5	4/21/11	0.0014	0.0025	<0.00020	<0.00070	<0.020	<0.020		20.5		
MW-5	10/18/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	1.87		25.4		
MW-5	4/25/12	***0.0335***	<0.00200	<0.00100	<0.00100	<1.50	<1.50		29.3		
MW-5	11/8/12	**0.00901**	<0.00200	<0.00100	<0.00100	<1.50	1.68		27.8		
MW-5	4/25/13	**0.00819**	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-5	10/23/13	***0.0176***	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-5	2/13/14	***0.0574***	<0.00200	<0.00100	0.00267	<1.50	<1.50	<1.50			
MW-5	10/29/14	0.0031	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-5	3/2/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-5	10/28/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-5	3/3/16										NS - construction
MW-5	8/25/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-5	3/2/17	0.00223	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-5	8/31/17	***0.0609***	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-5	4/5/18	0.0022	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1 mg/L*	*0.7 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1,000 mg/L*	
MW-5	9/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-5	1/31/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-5	12/19/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-5	4/9/20	<0.00018	<0.00020	<0.00021	<0.00037	0.036 J	<0.048	<0.16			
MW-5	6/8/21	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.223	0.223			
MW-5	11/10/21										NS
MW-6	6/20/02	***0.444***	<0.001	<0.001	<0.001				28.4	329	
MW-6	10/9/02	***5.45***	<0.010	<0.010	0.032						
MW-6	8/12/03	***1.63***	<0.005	<0.005	0.010						
MW-6	8/10/04	***0.827***	0.001	0.001	0.006				24.8	318	
MW-6	2/18/05	***1.62***	<0.0050	<0.0050	0.000				31.9	368	
MW-6	12/21/05	***1.8***	<0.001	<0.002	0.005 J				25.8		
MW-6	4/11/06	***1.5***	0.330	0.043	0.049				49.5		
MW-6	10/12/06	***2.2***	<0.001	0.0028 J	0.015				39.1		
MW-6	5/1/07	***0.850***	0.0050 J	0.0028	0.007				26.3	282	
MW-6	10/24/07	***1.1***	0.0005 J	0.0049	0.009				37.9		
MW-6	5/20/08	***0.940***	0.0012	0.0073	0.015				24.1		
MW-6	10/16/08	***0.530***	0.001 J	0.0023 J	0.0051 J				22.9		
MW-6	4/16/09	***1.4***	0.0003 J	0.0027	0.011				22.1		
MW-6	9/29/09	***1.9***	0.0035	0.0054	0.025				27		
MW-6	4/6/10	***1.600***	0.0004 J	0.0083	0.028						
MW-6	10/7/10	***0.460***	0.0051	0.0015	0.0063						
MW-6	4/21/11	***0.800***	0.0031	<0.00020	0.00089 J	1.60	<0.020		27.5		
MW-6	10/20/11	***0.289***	<0.00200	<0.00100	<0.00100	<1.50	2.21		40.9		
MW-6	4/27/12	***0.250***	<0.00200	<0.00100	<0.00100	<1.50	<1.50		50.0		
MW-6	11/12/12	***0.807***	<0.02000	<0.01000	<0.01000	<1.50	<1.50		52.1		
MW-6	4/26/13	***0.628***	<0.01000	<0.00500	<0.00500	<1.50	<1.50				
MW-6	10/24/13	***1.04***	<0.0100	<0.00500	<0.00500	2.10	<1.50	2.10			
MW-6	2/13/14	***0.23***	<0.0020	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-6	10/30/14	***0.0392***	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-6	3/3/15	***0.0355***	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-6	10/29/15	***0.132***	<0.0020	<0.00100	<0.00100	<1.51	<1.41	<1.51			
MW-6	3/3/16	***0.0177***	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-6	8/24/16	***0.208***	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-6	3/3/17	***0.0275***	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-6	9/1/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-6	4/6/18	***0.109***	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-6	8/29/18	***0.480***	<0.0400	<0.0400	<0.0400	<1.50	<1.50	<1.50			
MW-6	1/29/19	***0.0188***	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-6	12/20/19	***0.0130***	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-6	4/9/20	**0.0073**	<0.00020	<0.00021	<0.00037	0.064	<0.046	<0.15			
MW-6	6/9/21	0.000947	<0.000412	<0.000160	<0.000510	0.0374 B J	0.342	0.379			
MW-6	11/10/21	**0.386**	<0.000412	0.000311 J	0.00191 B	--	--	--			
MW-7	6/20/02	0.001	<0.001	<0.001	<0.001				31.9	337	
MW-7	10/9/02	***0.086***	<0.001	<0.001	0.001						
MW-7	8/12/03	***0.241***	<0.001	<0.001	0.002						
MW-7	8/10/04	***0.0436***	<0.001	<0.001	<0.001				19.5	322	
MW-7	2/18/05	***0.0375***	<0.001	<0.001	<0.001				23.5	387	
MW-7	12/21/05	***0.012***	<0.0007	<0.0008	<0.0008				18.0		
MW-7	4/12/06	***0.1***	0.043	0.0086	0.008				16.9		
MW-7	10/12/06	***0.13***	0.0002 J	0.0006 J	0.0009 J				31.9		
MW-7	5/1/07	<0.0002	<0.0002	<0.0002	<0.0006				18.4	293	
MW-7	10/24/07	***0.17***	0.0003 J	0.010	0.004				18.5		
MW-7	5/20/08	***0.045***	0.0009 J	0.0066	0.009				19.8		
MW-7	10/15/08	0.0032	0.0003 J	<0.0002	<0.0006				18.2		
MW-7	4/16/09	0.009	<0.0002	<0.0002	<0.0006				15.6		
MW-7	9/29/09	0.0023	0.0009 J	<0.0002	<0.0006				16		
MW-7	4/5/10	0.0040	0.0003 J	<0.0002	<0.0006						
MW-7	10/5/10	**0.0066**	<0.0002	<0.0002	<0.0006						
MW-7	4/20/11	<0.00020	0.0046	<0.00020	<0.00070	<0.020	<0.020		19.0		

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1 mg/L*	*0.7 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1,000 mg/L*	
MW-7	10/20/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		20.7		
MW-7	4/24/12	<0.00100	0.00405	<0.00100	<0.00100	<1.50	<1.50		20.8		
MW-7	11/12/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		17.8		
MW-7	4/24/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-7	10/23/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-7	2/13/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-7	10/29/14	0.00408	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-7	2/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-7	10/29/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-7	3/3/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-7	8/24/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-7	3/3/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-7	9/1/17	***1.05***	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-7	4/6/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-7	8/29/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-7	1/29/19	0.00061	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-7	12/20/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-7	4/9/20	<0.00018	<0.00020	<0.00021	<0.00037	<0.023	<0.046	<0.15			
MW-7	6/9/21	<0.000190	<0.000412	<0.000160	<0.000510	0.0388 B J	0.0629 J	0.102			
MW-7	11/10/21										NS
MW-8	6/20/02	***1.23***	<0.005	0.046	0.021				31.9	359	
MW-8	10/9/02	***0.579***	<0.005	0.031	0.018						
MW-8	8/12/03	***0.673***	0.001	0.010	0.013						
MW-8	8/10/04	***0.441***	0.001	0.047	0.015				42.1	392	
MW-8	2/18/05	***2.32***	0.010 J	0.048	0.021				56.3	532	
MW-8	12/21/05	***4.6***	0.051	0.460	0.120				56.1		
MW-8	4/11/06	***3.4***	0.170	0.170	0.072				50.6		
MW-8	10/12/06	***4.3***	0.180	0.260	0.098				49.3		
MW-8	5/1/07	***4.1***	0.016	0.200	0.093				48.9	429	
MW-8	10/24/07	***4.4***	0.018	0.220	0.086				52.9		
MW-8	5/21/08	***1.7***	0.049	0.038	0.033				48.2		
MW-8	10/16/08	***5.3***	0.0068 J	0.140	0.081				53.6		
MW-8	4/20/09	***6.1***	0.130	0.200	0.110				46.9		
MW-8	9/30/09	***4.0***	0.0085	0.120	0.067				42.8		
MW-8	4/6/10	***2.9***	0.120	0.091	0.062						
MW-8	10/5/10										NS--LNAPL
MW-8	4/18/11										NS--LNAPL
MW-8	10/18/11										NS--LNAPL
MW-8	4/23/12										NS--LNAPL
MW-8	11/5/12										NS--LNAPL
MW-8	4/23/13										NS--LNAPL
MW-8	10/22/13										NS--LNAPL
MW-8	2/11/14										NS--LNAPL
MW-8	10/27/14										NS--LNAPL
MW-8	2/24/15										NS--LNAPL
MW-8	10/26/15										NS--LNAPL
MW-8	2/29/16										NS--LNAPL
MW-8	8/22/16										NS--LNAPL
MW-8	3/3/17										NS--LNAPL
MW-8	8/31/17	***3.25***	***2.92***	0.728	***1.11***	24.5	8.17	35.6			
MW-8	4/3/18										NS--LNAPL
MW-8	8/29/18	***3.62***	***1.37***	0.292	***0.40***	24.8	2.85	27.7			
MW-8	1/29/19	***1.67***	0.0147	0.0618	0.0886	6.77	1.02	7.79			
MW-8	12/16/19										NS--LNAPL
MW-8	6/8/21										NS--LNAPL
MW-8	11/10/21										NS--LNAPL
MW-9	10/9/02	0.004	0.001	<0.001	0.023						
MW-9	8/12/03	***0.083***	0.002	<0.001	0.007						
MW-9	8/10/04	0.004	0.001	0.0003	0.002				230	915	
MW-9	2/18/05	0.001 J	<0.001	0.0002 J	0.009				34.0	625	

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1 mg/L*	*0.7 mg/L*	*0.62 mg/L*	---	---	---	*250 mg/L*	*1,000 mg/L*	
MW-9	12/21/05	0.001 J	<0.0007	<0.0008	0.019				23.9		
MW-9	4/11/06	***0.30***	0.150	0.027	0.032				77.5		
MW-9	10/12/06	***0.46***	0.093	0.025	0.025				58.8		
MW-9	5/1/07	***0.710***	0.0005 J	0.0021	0.003				136	677	
MW-9	10/24/07	***0.11***	<0.001	0.0057	0.012				31.2		
MW-9	5/21/08	***2.70***	0.016	0.0072	0.0093 J				95.1		
MW-9	4/20/09	***2.60***	0.0075 J	0.017	0.012 J				110		
MW-9	9/30/09	***3.20***	0.0021	0.0025	0.0023 J				141		
MW-9	4/6/10	***5.500***	0.057	0.061	0.081						
MW-9	10/7/10	***3.100***	0.027	0.072	0.013 J						
MW-9	4/26/11	***4.700***	0.069	0.059	0.011	9.320	<0.050		155		
MW-9	10/18/11										NS--LNAPL
MW-9	4/23/12										NS--LNAPL
MW-9	11/5/12										NS--LNAPL
MW-9	4/23/13										NS--LNAPL
MW-9	10/22/13										NS--LNAPL
MW-9	2/11/14										NS--LNAPL
MW-9	10/27/14										NS--LNAPL
MW-9	2/24/15										NS--LNAPL
MW-9	10/26/15										NS--LNAPL
MW-9	2/29/16										NS--LNAPL
MW-9	8/22/16										NS--LNAPL
MW-9	3/3/17										NS--LNAPL
MW-9	8/30/17										NS--LNAPL
MW-9	4/3/18										NS--LNAPL
MW-9	8/29/18										NS--LNAPL
MW-9	1/29/19										NS--LNAPL
MW-9	12/19/19										NS--LNAPL
MW-9	4/6/20										NS--LNAPL
MW-9	6/8/21										NS--LNAPL
MW-9	11/10/21										NS--LNAPL
MW-10	10/8/02	***0.029***	<0.001	<0.001	<0.001						
MW-10	8/12/03	***0.060***	<0.001	<0.001	<0.001						
MW-10	8/11/04	***0.050***	0.0002	0.0004	0.001				35.4	328	
MW-10	2/18/05	***0.022***	<0.001	<0.001	<0.001				36.5	380	
MW-10	12/20/05	***0.024***	<0.0007	0.002 J	0.002 J				48.1		
MW-10	4/11/06	0.0033	0.0003 J	<0.0002	<0.0006				38.4		
MW-10	10/11/06	0.0037	<0.0002	<0.0002	<0.0006				33.3		
MW-10	4/26/07	0.0002 J	<0.0002	<0.0002	<0.0006				41.8	311	
MW-10	10/22/07	<0.0002	<0.0002	<0.0002	<0.0006				30.2		
MW-10	5/16/08	0.0041	<0.0002	0.001	<0.0006				32.5		
MW-10	10/14/08	<0.005	0.0003 J	<0.0002	<0.0006				33.1		
MW-10	4/16/09	***0.034***	0.0005 J	0.002	0.0015 J				31.7		
MW-10	9/29/09	0.0032	0.0018	0.0005 J	<0.0006				30.9		
MW-10	4/6/10	0.0044	0.0003 J	<0.0002	<0.0006						
MW-10	10/5/10	**0.0051**	<0.0002	<0.0002	<0.0006						
MW-10	4/20/11	<0.00020	0.0015	<0.00020	<0.00070	<0.020	<0.020		42.7		
MW-10	10/20/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		38.0		
MW-10	4/25/12	<0.00100	0.00311	<0.00100	<0.00100	<1.50	<1.50		37.5		
MW-10	11/8/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		30.1		
MW-10	4/24/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-10	10/23/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-10	2/12/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-10	10/29/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-10	2/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-10	10/28/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-10	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-10	8/26/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-10	3/2/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-10	8/30/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-10	4/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1 mg/L*	*0.7 mg/L*	*0.62 mg/L*	---	---	---	*250 mg/L*	*1,000 mg/L*	
MW-10	9/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-10	12/18/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-10	4/10/20	<0.00018	<0.00020	<0.00021	<0.00037	<0.023	<0.045	<0.15			
MW-10	6/9/21	0.000213 J	<0.000412	<0.000160	<0.000510	<0.0314	0.445	0.445			
MW-10	11/10/21										NS
MW-11	10/8/02	<0.001	<0.001	<0.001	<0.001						
MW-11	8/13/03	<0.001	<0.001	<0.001	<0.001						
MW-11	8/11/04	<0.001	<0.001	<0.001	<0.001				47.9	340	
MW-11	2/18/05	<0.001	<0.001	<0.001	<0.001				50.1	441	
MW-11	12/20/05	0.0006 J	<0.0007	<0.0008	<0.0008				43.1		
MW-11	4/11/06	0.0009 J	0.0002 J	<0.0002	<0.0006				39.8		
MW-11	10/11/06	0.0005 J	0.0003 J	<0.0002	<0.0006				56.1		
MW-11	4/26/07	0.0003 J	<0.0002	<0.0002	<0.0006				70.6	268	
MW-11	10/22/07	<0.0002	<0.0002	<0.0002	<0.0006				38.7		
MW-11	5/14/08	0.0014	<0.0002	0.0007 J	<0.0006				65		
MW-11	10/14/08	0.0003 J	0.0002 J	<0.0002	<0.0006				97.4		
MW-11	04/16/09										Destroyed
MW-12	10/8/02	<0.001	<0.001	<0.001	<0.001						
MW-12	8/13/03	<0.001	<0.001	<0.001	<0.001						
MW-12	8/11/04	<0.001	<0.001	<0.001	<0.001				40.8	324	
MW-12	2/18/05	0.001 J	<0.001	<0.001	<0.001				45.2	378	
MW-12	12/20/05	<0.0005	<0.0007	<0.0008	<0.0008				41.3		
MW-12	4/11/06	0.0007 J	<0.0002	<0.0002	<0.0006				37.2		
MW-12	10/11/06	<0.0002	0.0002 J	<0.0002	<0.0006				103		
MW-12	4/26/07	<0.0002	<0.0002	<0.0002	<0.0006				41	263	
MW-12	10/22/07	0.0002 J	<0.0002	<0.0002	<0.0006				65.2		
MW-12	5/14/08	0.0009 J	<0.0002	0.0006 J	<0.0006				45.9		
MW-12	10/14/08	0.0002 J	0.0003 J	0.0002 J	<0.0006				49.2		
MW-12	4/16/09	***0.066***	0.0008 J	0.0028	0.0021 J				46.4		
MW-12	9/30/09	0.0045	0.0024	0.0006 J	0.0006 J				40.1		
MW-12	4/6/10	0.0005 J	<0.0002	<0.0002	<0.0006						
MW-12	10/6/10	0.0012	<0.0002	<0.0002	<0.0006						
MW-12	4/19/11	<0.00020	0.0043	<0.00020	<0.00070	<0.020	<0.020		45.5		
MW-12	10/19/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		46.3		
MW-12	4/25/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		45.1		
MW-12	11/12/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		38.5		
MW-12	4/23/13										NS--well damaged
MW-12	10/22/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-12	2/11/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-12	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-12	2/25/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	6.32	6.32			
MW-12	10/27/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-12	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-12	8/25/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-12	3/3/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-12	8/29/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-12	4/3/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50		529	
MW-12	8/29/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-12	1/31/19	<0.00020	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-12	12/18/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-12	4/7/20	<0.00018	0.00022 J	<0.00021	<0.00037	<0.023	<0.047	0.25 J	--	--	
MW-12	6/8/21	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.0735 J	0.0735 J	--	--	
MW-12	11/10/21	<0.000190	0.000502 B J	<0.000160	<0.000510	--	--	--	--	--	
MW-13	10/8/02	***0.065***	<0.001	<0.001	<0.001						
MW-13	8/13/03	***0.060***	0.002	<0.001	<0.001						
MW-13	8/11/04	*0.004*	<0.001	<0.001	<0.001				62.0	400	
MW-13	2/18/05	*0.003*	<0.001	<0.001	<0.001				72.4	427	
MW-13	12/20/05	***0.038***	<0.0007	<0.0008	<0.0008				86.4		
MW-13	4/12/06	***0.170***	0.015	0.005	0.005				115		

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1 mg/L*	*0.7 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1,000 mg/L*	
MW-13	10/11/06	0.0039	<0.0002	<0.0002	<0.0006				103		
MW-13	5/3/07	***0.031***	0.0005 J	0.0008 J	0.0011 J				114	495	
MW-13	10/22/07										NS--obstructed
MW-13	5/20/08	***0.380***	0.0062	0.0049	0.004				112		
MW-13	10/20/08	***0.028***	0.0018	0.0003 J	0.0008 J				114		
MW-13	4/16/09	***0.037***	<0.0002	<0.0002	0.0007 J				112		
MW-13	9/30/09	***0.025***	0.0015	0.0007 J	0.0022 J				101		
MW-13	4/6/10	0.0030	0.0002 J	<0.0002	<0.0006						
MW-13	10/5/10	0.0042	<0.0002	<0.0002	<0.0006						
MW-13	4/20/11	<0.00020	0.0016	<0.00020	<0.00070	<0.020	<0.020		76.5		
MW-13	10/20/11	0.00139	<0.00200	<0.00100	<0.00100	<1.50	<1.50		75.0		
MW-13	4/26/12	0.00158	0.00288	<0.00100	<0.00100	<1.50	<1.50		81.1		
MW-13	11/7/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		76.7		
MW-13	4/25/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-13	10/24/13	***0.0192***	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-13	2/11/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-13	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-13	2/25/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-13	10/27/15	<0.00100	<0.00200	<0.00100		<1.41	<1.41	<1.41			
MW-13	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-13	8/25/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-13	3/1/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-13	8/30/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-13	4/4/18	0.00202	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-13	8/28/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-13	1/30/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-13	12/18/19	<0.00018	<0.00020	<0.00021	<0.000237	<1.50	<1.50	<1.50			
MW-13	4/9/20	<0.00018	<0.00020	<0.00021	<0.00037	<0.023	<0.046	<0.15			
MW-13	6/9/21	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.355	0.355			
MW-13	11/10/21	0.00197	<0.000412	<0.000160	<0.000510	--	--	--			
MW-14	10/9/02	***3.63***	0.014	0.098	0.187						
MW-14	8/13/03	***1.65***	0.014	0.165	0.260						
MW-14	8/11/04	***0.786***	0.0464	0.172	0.227				111	791	
MW-14	2/18/05	***1.34***	0.0378	0.159	0.178				103	916	
MW-14	12/20/05	***2.80***	0.049	**0.750**	0.670				82.1		
MW-14	4/12/06	***0.93***	0.053	0.055	0.053				30.7		
MW-14	10/12/06										NS
MW-14	4/30/07	***0.880***	0.005 J	0.200	0.280				29.8	669	
MW-14	10/23/07	***0.77***	0.0057	0.160	0.210				21.8		
MW-14	5/20/08	***0.970***	0.0067	0.180	0.210				20.1		
MW-14	10/20/08	***1.50***	0.027	0.220	0.270				26.2		
MW-14	4/16/09	***0.86***	0.0051	0.140	0.240				17.2		
MW-14	9/29/09	***0.56***	0.012	0.057	0.160				14.8		
MW-14	4/6/10	***0.540***	0.0042	0.083	0.180						
MW-14	10/6/10	***0.170***	0.028	0.0068	0.086						
MW-14	4/20/11	***0.460***	0.0022	0.00088 J	0.0035	1.04	0.69		31.4		
MW-14	10/19/11	***1.48***	<0.200	<0.100	<0.100	<1.50	1.560		55.9		
MW-14	4/26/12	***0.487***	<0.0400	<0.0200	<0.0200	<1.50	<1.50		55.8		
MW-14	11/7/12	***0.104***	<0.00200	<0.00100	<0.00100	<1.50	<1.50		69.7		
MW-14	4/25/13	***0.203***	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-14	10/24/13	***0.162***	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-14	2/13/14	***0.128***	<0.00200	<0.00100	0.00300	<1.50	<1.50	<1.50			
MW-14	10/29/14	**0.00813**	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-14	3/2/15	***0.0194***	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-14	10/28/15	***0.0186***	<0.00200	<0.00100	<0.00100	<1.41	<2.13	<2.13			
MW-14	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	1.9	<1.41	1.9			
MW-14	8/24/16	0.00676	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-14	3/1/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-14	8/31/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-14	4/4/18	**0.00766**	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-14	8/28/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1 mg/L*	*0.7 mg/L*	*0.62 mg/L*	---	---	---	*250 mg/L*	*1,000 mg/L*	
MW-14	1/30/19	0.00904	0.002	0.002	0.002	0.002	<1.50	<1.50			
MW-14	12/19/19	0.0010	<0.00020	<0.00021	0.00080 J	<1.50	<1.50	<1.50			
MW-14	4/9/20	<0.00018	<0.00020	<0.00021	<0.00037	0.064	0.24 J	<0.16			
MW-14	6/9/21	<0.000190	<0.000412	<0.000160	0.000646 J	0.41	0.675	1.085			
MW-14	11/10/21	0.0014	<0.000412	<0.000160	<0.000510	--	--	--			
MW-15	10/9/02	<0.001	<0.001	<0.001	<0.001						
MW-15	8/13/03	<0.001	<0.001	<0.001	<0.001						
MW-15	8/12/04	<0.001	<0.001	<0.001	<0.001				60.3	450	
MW-15	2/18/05	<0.001	<0.001	<0.001	<0.001				78.0	462	
MW-15	12/20/05	0.006	<0.0007	0.003 J	0.002 J				79.2		
MW-15	4/12/06	***0.58***	0.054	0.018	0.016				54.8		
MW-15	10/11/06	***0.034***	<0.0002	0.0008 J	<0.0006				91.6		
MW-15	4/30/07	0.0005 J	<0.0002	<0.0002	<0.0006				94.7	433	
MW-15	10/23/07	0.0011	<0.0002	<0.0002	<0.0006				88.3		
MW-15	5/19/08	<0.0002	<0.0002	0.0003 J	<0.0006				99.5		
MW-15	10/14/08	0.0012	0.0021	0.0007 J	0.0016 J				78.6		
MW-15	4/15/09	<0.0002	<0.0002	<0.0002	<0.0006				79.7		
MW-15	9/29/09	**0.0065**	0.0030	0.0007 J	0.0008 J				84.0		
MW-15	4/5/10	**0.0082**	0.0003 J	<0.0002	0.0007 J						
MW-15	10/5/10	***0.029***	<0.0002	<0.0002	0.0011 J						
MW-15	4/26/11	<0.0010	<0.0010	<0.0010	<0.0030	<0.0500	<0.050		95.1		
MW-15	10/19/2011	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		70.8		
MW-15	4/25/2012	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		78.1		
MW-15	11/8/2012	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		76.6		
MW-15	4/24/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-15	10/23/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-15	2/12/14	0.00134	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-15	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-15	2/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-15	10/28/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-15	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-15	8/24/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-15	3/2/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-15	8/31/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-15	4/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-15	9/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-15	1/30/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-15	12/19/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-15	4/8/20	0.00027 J	<0.00020	<0.00021	<0.00037	<0.023	<0.045	<0.15			
MW-15	6/8/21	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.154	0.154			
MW-15	11/10/21										NS
MW-16	10/23/03	<0.001	<0.001	<0.001	<0.001				60.3	381	
MW-16	8/12/04	<0.001	<0.001	<0.001	<0.001				56.6	346	
MW-16	2/18/05	<0.001	<0.001	<0.001	<0.001				60.0	596	
MW-16	12/20/05	***0.007***	<0.0007	0.002 J	0.001 J				48.3		
MW-16	4/12/06	***0.11***	0.024	0.011	0.010				33.3		
MW-16	10/11/06	***0.064***	<0.0002	0.001	0.0006 J				49.3		
MW-16	4/26/07	0.001 J	<0.0002	<0.0002	<0.0006				59.5	176	
MW-16	10/23/07	<0.0002	<0.0002	<0.0002	<0.0006				46.4		
MW-16	5/19/08	0.0007 J	<0.0002	0.0004 J	<0.0006				53.6		
MW-16	10/14/08	0.0007 J	0.0025	0.0005 J	0.0012 J				57.1		
MW-16	4/15/09	<0.0002	<0.0002	<0.0002	<0.0006				49.1		
MW-16	9/29/09	0.0094	0.0037	0.0007 J	0.0008 J				51.8		
MW-16	4/5/10	<0.0002	<0.0002	<0.0002	<0.0006						
MW-16	10/5/10	<0.0002	<0.0002	<0.0002	<0.0006						
MW-16	4/19/11	<0.00020	0.0030	<0.00020	<0.00070	<0.020	<0.020		53.1		
MW-16	10/18/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	1.64		53.6		
MW-16	4/24/12	<0.00100	0.00333	<0.00100	<0.00100	<1.50	<1.50		84.1		
MW-16	11/7/12	<0.00100	<0.00200	<0.00100	0.00600	<1.50	<1.50		53.7		
MW-16	4/24/13	<0.00100	<0.00200	<0.00100	0.00600	<1.50	<1.50				

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1 mg/L*	*0.7 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1,000 mg/L*	
MW-16	10/22/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-16	2/12/14	0.00431	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-16	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-16	2/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-16	10/27/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-16	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-16	8/24/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-16	2/28/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-16	8/30/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-16	4/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-16	9/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-16	2/1/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-16	12/19/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-16	4/7/20	<0.00018	<0.00020	<0.00021	<0.00037	<0.023	<0.046	0.25 J			
MW-16	6/8/21	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.0921 J	0.0921 J			
MW-16	11/10/21										NS
MW-17	10/23/03	<0.001	<0.001	<0.001	<0.001				292	1,090	
MW-17	8/12/04	<0.001	<0.001	<0.001	<0.001				230	894	
MW-17	2/18/05	<0.001	<0.001	<0.001	<0.001				160	758	
MW-17	12/20/05	**0.053**	<0.004	<0.004	<0.004				116		
MW-17	4/12/06	**0.5**	0.07	0.012	0.013				55.4		
MW-17	10/11/06	**0.17**	<0.0002	0.0024	0.0014 J				154		
MW-17	4/30/07	**0.001**	<0.0002	<0.0002	<0.0006				145	668	
MW-17	10/23/07	**0.0029**	<0.0002	<0.0002	<0.0006				117		
MW-17	5/19/08	0.0005 J	<0.0002	0.0003 J	<0.0006				133		
MW-17	10/14/08	0.0007 J	0.0022	0.0005 J	0.0012 J				144		
MW-17	4/15/09	<0.0002	<0.0002	<0.0002	<0.0006				77.2		
MW-17	9/29/09	***0.0081***	0.0034	0.0008 J	0.0012 J				46.3		
MW-17	4/5/10	***0.270***	<0.0002	0.0005 J	0.0080						
MW-17	10/5/10	***1.300***	<0.0002	0.0017	0.021						
MW-17	4/26/11	***0.220***	<0.0010	<0.0010	<0.0030	<0.0500	<0.050		33.4		
MW-17	10/20/11	***0.127***	<0.00200	<0.00100	<0.00100	<1.50	1.87		28.2		
MW-17	4/26/12	***0.203***	<0.0400	<0.0200	<0.0200	<1.50	<1.50		30.6		
MW-17	11/7/12	***0.243***	<0.00200	<0.00100	0.00261	<1.50	<1.50		34.3		
MW-17	4/25/13	***6.980***	<0.20000	<0.10000	<0.10000	<8.20	<1.50				
MW-17	10/24/13	***12.1***	<0.100	<0.0500	0.0710	11.1	<1.50	<11.10			
MW-17	2/14/14	***19.8***	<0.100	<0.0500	0.0500	20.9	<1.50	20.9			
MW-17	10/30/14	***22.3***	<0.200	<0.100	<0.100	24.7	<1.48	24.7			
MW-17	3/3/15	***23.8***	<0.200	<0.100	<0.101	29.9	<1.50	29.9			
MW-17	10/28/15	***18.8***	<0.100	<0.128	0.5890	27.4	<1.41	27.4			
MW-17	3/2/16	***0.279***	<0.00200	<0.00100	<0.00100	13.9	<1.41	13.9			
MW-17	8/24/16	***0.0927***	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-17	3/1/17	***0.336***	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-17	8/30/17	***4.32***	<0.100	<0.100	<0.100	<1.50	<1.50	<1.50			
MW-17	4/4/18	***2.500***	<0.00200	<0.00200	<0.00200	5.23	<1.50	5.23			
MW-17	9/4/18	***0.463***	<0.0400	<0.0400	<0.0400	<1.50	<1.50	<1.50			
MW-17	1/31/19	***2.22***	0.00041	0.002	0.00071	4.00	<1.50	4.00			
MW-17	12/19/19	***6.90***	0.00040	0.0076 J	0.016 J	23.0	<1.50	23.0			
MW-17	4/8/20	***7.30***	<0.00020	0.0014	0.0015 J	19.0	<0.047	<0.16			
MW-17	6/8/21	***1.00***	<0.000412	0.000363 J	<0.000510	1.7	0.147	1.9			
MW-17	11/10/21	***4.94***	<0.000412	0.00125	<0.000510	--	--	--			
MW-18	10/23/03	***0.07***	<0.001	<0.001	<0.001				81.5	637	
MW-18	8/11/04	***0.307***	<0.001	<0.001	0.001				92.2	641	
MW-18	2/18/05	***0.430***	<0.001	<0.001	<0.001				98.2	782	
MW-18	12/20/05	***0.530***	<0.0007	0.005	0.010				102		
MW-18	4/12/06	***0.180***	0.017	0.015	0.016				89.2		
MW-18	10/12/06	***0.042***	<0.0002	<0.0002	<0.0006				104		
MW-18	4/30/07	***0.180***	<0.0002	<0.0002	0.0013 J				105	665	
MW-18	10/23/07	***0.260***	<0.0002	<0.0002	0.0014 J				92.5		
MW-18	5/19/08	***0.460***	0.011	0.0098	0.008				110		

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1 mg/L*	*0.7 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1,000 mg/L*	
MW-18	10/20/08	***0.110***	0.0005 J	0.0009 J	0.0018 J				115		
MW-18	4/16/09	***0.140***	0.0013	0.0037	0.0028 J				97.1		
MW-18	9/30/09	**0.0099**	0.0029	0.0007 J	0.0008 J				100		
MW-18	4/6/10	0.0045	<0.0002	<0.0002	<0.0006						
MW-18	10/6/10	0.0015	<0.0002	<0.0002	<0.0006						
MW-18	4/19/11	<0.00020	0.0030	<0.00020	<0.00070	<0.020	<0.020		73.9		
MW-18	10/19/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		48.0		
MW-18	4/25/12	<0.00100	0.00310	<0.00100	<0.00100	<1.50	<1.50		105		
MW-18	11/7/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		68.7		
MW-18	4/24/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-18	10/22/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-18	2/12/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-18	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-18	2/25/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-18	10/27/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-18	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-18	8/24/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-18	3/1/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-18	8/31/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-18	4/4/18	**0.00506**	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-18	8/28/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-18	1/29/19	0.00043	0.002	0.002	0.002	<1.50	<1.50	<1.50			
MW-18	12/18/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-18	4/9/20	<0.00018	<0.00020	<0.00021	<0.00037	<0.023	0.13 J	<0.16			
MW-18	6/9/21	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.254	0.254			
MW-18	11/10/21	0.000307 J	<0.000412	<0.000160	<0.000510	--	--	--			
MW-19	10/22/03	***1.99***	0.334	0.089	0.115				62.0	554	
MW-19	8/9/04	***11.7***	2.9	0.408	0.387				44.3	492	
MW-19	2/18/05	***10.8***	2.16	0.183	0.145				56.6	369	
MW-19	12/21/05	***23.0***	5.4	0.850	0.930				36.7		
MW-19	4/11/06	***16.0***	2.4	0.320	0.360				52.8		
MW-19	10/12/06	***11.0***	2.0	0.350	0.400				53.6		
MW-19	5/1/07	***13.0***	2.0	0.370	0.440				64.2	377	
MW-19	10/24/07	***11.0***	1.1	0.350	0.430				62.2		
MW-19	5/8/08										NS--LNAPL
MW-19	10/08/08										NS--LNAPL
MW-19	04/16/09										NS--LNAPL
MW-19	9/28/09										NS--LNAPL
MW-19	4/5/10										NS--LNAPL
MW-19	10/5/10										NS--LNAPL
MW-19	4/18/11										NS--LNAPL
MW-19	10/18/11										NS--LNAPL
MW-19	4/23/12										NS--LNAPL
MW-19	11/5/12										NS--LNAPL
MW-19	4/23/13										NS--LNAPL
MW-19	10/22/13										NS--LNAPL
MW-19	2/11/14										NS--LNAPL
MW-19	10/27/14										NS--LNAPL
MW-19	2/24/15										NS--LNAPL
MW-19	10/26/15										NS--LNAPL
MW-19	2/29/16										NS--LNAPL
MW-19	8/22/16										NS--LNAPL
MW-19	3/3/17										NS--LNAPL
MW-19	8/30/17										NS--LNAPL
MW-19	4/3/18										NS--LNAPL
MW-19	8/27/18										NS--LNAPL
MW-19	1/29/19										NS--LNAPL
MW-19	12/19/19										NS--LNAPL
MW-19	4/9/20										NS--LNAPL
MW-19	6/8/21										NS--LNAPL
MW-19	11/10/21										NS--LNAPL
MW-20	10/23/03	<0.001	<0.001	<0.001	<0.001				42.5	441	
MW-20	8/11/04	<0.001	<0.001	<0.001	<0.001				21.3	349	

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1 mg/L*	*0.7 mg/L*	*0.62 mg/L*	---	---	---	*250 mg/L*	*1,000 mg/L*	
MW-20	2/18/05	<0.001	<0.001	<0.001	<0.001				21.1	446	
MW-20	12/20/05	0.004 J	<0.0007	0.001 J	0.0008 J				18.2		
MW-20	4/11/06	0.0004 J	<0.0002	<0.0002	<0.0006				17.4		
MW-20	10/11/06	0.0005 J	<0.0002	<0.0002	<0.0006				21.7		
MW-20	4/26/07	<0.0002	<0.0002	<0.0002	<0.0006				19.1	322	
MW-20	10/22/07	<0.0002	<0.0002	<0.0002	<0.0006				17.2		
MW-20	5/14/08	0.0037	<0.0002	0.0012	<0.0006				17.5		
MW-20	10/15/08	0.0004 J	0.0004 J	<0.0002	<0.0006				19.1		
MW-20	4/16/09	***0.04***	0.0006 J	0.0021	0.0016 J				18.3		
MW-20	9/28/09	**0.0086**	0.0034	0.0007 J	0.0008 J				16.5		
MW-20	4/6/10	0.0011	<0.0002	<0.0002	<0.0006						
MW-20	10/6/10	0.0022	<0.0002	<0.0002	<0.0006						
MW-20	4/19/11	<0.00020	0.0039	<0.00020	<0.00070	<0.020	<0.020		15.6		
MW-20	10/20/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		15.6		
MW-20	4/25/12	<0.00100	0.00452	<0.00100	<0.00100	<1.50	<1.50		16.5		
MW-20	11/9/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		13.3		
MW-20	4/25/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-20	10/23/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-20	2/13/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-20	10/29/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-20	2/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-20	10/28/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-20	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-20	8/26/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-20	3/2/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-20	8/30/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-20	4/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-20	9/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-20	1/30/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-20	12/18/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-20	4/7/20	0.00027 J	0.0012	0.00032 J	<0.00037	<0.023	<0.046	<0.15			
MW-20	6/8/21	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.124	0.124			
MW-20	11/10/21										NS
MW-21	10/23/03	<0.001	<0.001	<0.001	<0.001				40.8	455	
MW-21	8/12/04	<0.001	<0.001	<0.001	<0.001				31.9		
MW-21	2/18/05	<0.001	<0.001	<0.001	<0.001				35.4	405	
MW-21	12/21/05	***0.01***	<0.0007	0.002 J	0.002 J				43.7		
MW-21	4/12/06	***0.02***	0.010	0.004	0.004				22.0		
MW-21	10/12/06	***0.30***	0.140	0.026	0.029				38.7		
MW-21	4/30/07	<0.0002	<0.0002	<0.0002	<0.0006				20.3	306	
MW-21	10/23/07	<0.0002	<0.0002	<0.0002	<0.0006				20.6		
MW-21	5/19/08	0.0018	<0.0002	0.0006 J	<0.0006				26.8		
MW-21	10/20/08	**0.0098**	0.0027	0.0002 J	<0.0006				22.3		
MW-21	4/21/09	***0.031***	0.0009 J	0.0022	0.0018 J				19.1		
MW-21	9/28/09										NS--construction
MW-21	4/5/10										NS--construction
MW-21	10/6/10	0.0007 J	<0.0002	<0.0002	<0.0006						
MW-21	4/21/11	<0.00020	0.0023	<0.00020	<0.00070	<0.020	<0.020		37.7		
MW-21	10/18/11										NS--Chevron Alarm
MW-21	4/24/12	<0.00100	0.00424	<0.00100	<0.00100	<1.50	<1.50		69.4		
MW-21	11/8/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		63.8		
MW-21	4/25/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-21	10/23/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-21	2/12/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-21	10/29/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-21	3/2/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-21	10/27/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-21	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-21	8/25/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-21	3/2/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1 mg/L*	*0.7 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1,000 mg/L*	
MW-21	8/31/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-21	4/3/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-21	9/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50	***252***	683	
MW-21	1/31/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50	***263***	972	
MW-21	12/17/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50	240 B	***1100***	
MW-21	6/8/21	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.107	0.107			
MW-21	11/10/21	0.000222 J	<0.000412	<0.000160	<0.000510	--	--	--			
MW-22	10/23/07	0.0005 J	<0.0002	<0.0002	<0.0006				172		
MW-22	5/19/08	0.0008 J	<0.0002	0.0004 J	<0.0006				171		
MW-22	10/14/08	0.0021	0.003	0.0018	0.004				185		
MW-22	4/15/09	0.0003 J	<0.0002	<0.0002	<0.0006				*353*		
MW-22	9/28/09	0.0046	0.0023	0.0006 J	0.0007 J				249		
MW-22	4/5/10	0.0027	0.0002 J	<0.0002	<0.0006						
MW-22	10/5/10	***0.012***	<0.0002	<0.0002	0.0007 J						
MW-22	4/21/11	<0.00020	0.0028	<0.00020	<0.00070	<0.020	<0.020		***544***		
MW-22	10/18/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		***396***		
MW-22	4/25/12	<0.00100	0.00447	<0.00100	<0.00100	<1.50	<1.50		***401***		
MW-22	11/8/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		***263***		
MW-22	4/25/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		116		
MW-22	10/22/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-22	10/23/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		164		
MW-22	2/12/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50	242		
MW-22	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48	***350***		
MW-22	2/25/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-22	10/27/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-22	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-22	8/24/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50	85.8	452	
MW-22	2/28/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50	***253***	792	
MW-22	8/30/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50	***753***	***2420***	
MW-22	4/3/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50		836	
MW-22	9/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-22	2/1/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-22	12/19/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-22	4/8/20	<0.00018	<0.00020	<0.00021	<0.00037	<0.023	<0.043	<0.14			
MW-22	6/8/21	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.0958 J	0.0958 J			
MW-22	11/10/21	<0.000190	0.000833 B J	<0.000160	<0.000510	--	--	--			
MW-23	10/23/07	0.0002 J	<0.0002	<0.0002	<0.0006				108		
MW-23	5/15/08	0.0041	<0.0002	0.0006 J	<0.0006				60.5		
MW-23	10/14/08	0.0027	0.0046	0.0009 J	0.0021 J				66.8		
MW-23	4/14/09	<0.0002	<0.0002	<0.0002	<0.0006				73.2		
MW-23	9/28/09	***0.011***	0.004	0.0009 J	0.001 J				107		
MW-23	4/5/10	<0.0002	0.0004 J	<0.0002	<0.0006						
MW-23	10/5/10	<0.0002	<0.0002	<0.0002	<0.0006						
MW-23	4/19/11	<0.00020	0.0034	<0.00020	<0.00070	<0.020	<0.020		75.5		
MW-23	10/18/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		110		
MW-23	4/25/12	<0.00100	0.00380	<0.00100	<0.00100	<1.50	<1.50		130		
MW-23	11/8/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		151		
MW-23	4/24/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-23	10/22/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-23	2/12/14	0.01970	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-23	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-23	2/25/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-23	10/27/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-23	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-23	8/24/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-23	3/2/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-23	8/30/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-23	4/3/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-23	9/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-23	2/1/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-23	12/19/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1 mg/L*	*0.7 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1,000 mg/L*	
MW-23	4/10/20	0.00033 J	<0.00020	<0.00021	<0.00037	<0.023	<0.047	<0.16			
MW-23											NS-Unable to locate
MW-23											NS-Unable to locate
MW-24	10/22/07	0.0026	<0.0002	<0.0002	<0.0006				80.4		
MW-24	5/15/08	**0.023**	<0.0002	0.0007 J	<0.0006				28.8		
MW-24	10/15/08	**0.002**	0.0003 J	<0.0002	<0.003				33.4		
MW-24	4/16/09	***0.079***	0.0009 J	0.0028	0.0022 J				30		
MW-24	9/28/09	**0.0067**	0.0024	0.0006 J	0.0007 J				28.5		
MW-24	4/6/10	***0.590***	0.028	0.037	0.022						
MW-24	10/6/10	0.0030	<0.0002	<0.0002	<0.0006						
MW-24	4/20/11	<0.00020	0.0024	<0.00020	<0.00070	<0.020	<0.020		61.6		
MW-24	10/19/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		59.5		
MW-24	4/25/12	<0.00100	0.00302	<0.00100	<0.00100	<1.50	<1.50		87.4		
MW-24	11/9/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		89.6		
MW-24	4/24/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
MW-24	10/23/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-24	2/13/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-24	10/29/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
MW-24	2/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
MW-24	10/28/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-24	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-24	8/26/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-24	3/3/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-24	8/30/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-24	4/4/18	0.00289	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-24	9/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-24	1/30/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-24	12/17/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-24	4/7/20	<0.00018	<0.00020	<0.00021	<0.00037	<0.023	<0.046	<0.15			
MW-24	6/8/21	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.117	0.117			
MW-24	11/10/21										NS
MW-25	6/4/15	<0.00100	<0.00200	<0.00100	<0.00100	--	--	<0			
MW-25	10/28/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-25	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-25	8/26/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-25	3/2/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-25	8/30/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-25	4/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-25	9/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-25	1/30/19	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-25	12/18/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-25	4/7/20	<0.00018	0.00028 J	0.00021 J	<0.00037	<0.023	<0.045	<0.15			
MW-25	6/9/21	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.0851 J	0.0851 J			
MW-25	11/10/21										NS
MW-26	6/4/15	***0.11200***	<0.00200	<0.00149	<0.00900	--	--	<0			
MW-26	10/29/15	***0.03420***	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-26	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
MW-26	8/25/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-26	3/2/17	***0.01580***	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-26	8/30/17	0.00639	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-26	4/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-26	9/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-26	1/30/19	0.00112	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
MW-26	12/17/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
MW-26	4/9/20	0.00045 J	<0.00020	<0.00021	<0.00037	<0.023	<0.048	<0.16			
MW-26	6/9/21	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	0.0558 J	0.0558 J			
MW-26	11/10/21										NS
EW-1	10/4/10										NS--LNAPL
EW-1	4/18/11										NS--LNAPL

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1 mg/L*	*0.7 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1,000 mg/L*	
EW-1	10/18/11										NS--LNAPL
EW-1	4/23/12										NS--LNAPL
EW-1	11/5/12										NS--LNAPL
EW-1	4/23/13										NS--LNAPL
EW-1	10/22/13										NS--LNAPL
EW-1	2/11/14										NS--LNAPL
EW-1	10/27/14										NS--LNAPL
EW-1	2/24/15										NS--LNAPL
EW-1	10/26/15										NS--LNAPL
EW-1	2/29/16										NS--LNAPL
EW-1	8/23/16	***0.451***	0.0108	0.0342	0.0694	2.29	2.11	4.40			
EW-1	3/3/17	***0.379***	0.00957	0.0202	0.0384	3.93	2.98	6.91			
EW-1	8/30/17										NS--LNAPL
EW-1	4/3/18										NS--LNAPL
EW-1	8/27/18										NS--LNAPL
EW-1	1/29/19										NS--LNAPL
EW-1	12/19/19										NS--LNAPL
EW-1	4/7/20										NS--LNAPL
EW-1	6/8/21										NS--LNAPL
EW-1	11/10/21										NS--LNAPL
TW-11	4/5/10	<0.00020	<0.0002	<0.0002	<0.0006						
TW-11	10/5/10	<0.00020	<0.0002	<0.0002	<0.0006						
TW-11	4/19/11	<0.00020	0.0035	<0.00020	<0.00070	<0.020	<0.020		90.1		
TW-11	10/19/11	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		28.7		
TW-11	4/26/12	<0.00100	0.00296	<0.00100	<0.00100	<1.50	<1.50		30.4		
TW-11	11/6/2012	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		28.1		
TW-11	4/24/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
TW-11	10/22/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
TW-11	2/11/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
TW-11	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
TW-11	3/2/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
TW-11	10/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
TW-11	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
TW-11	8/25/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-11	2/28/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-11	8/29/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-11	4/3/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-11	8/28/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-11	1/31/19	0.002	0.002	0.002	0.002	<1.50	<1.50	<1.50			
TW-11	12/18/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
TW-11	4/7/20	<0.00018	<0.00020	<0.00021	<0.00037	<0.023	<0.047	0.27			
TW-11	6/8/21	0.000231 J	<0.000412	<0.000160	<0.000510	<0.0314	0.0653 J	0.0623 J			
TW-11	11/10/21	<0.000190	0.000650 B J	<0.000160	<0.000510	--	--	--			
TW-13	4/5/10	<0.0002	<0.0002	<0.0002	<0.0006						
TW-13	10/4/10	<0.0002	<0.0002	<0.0002	<0.0006						
TW-13	4/19/11	<0.00020	0.0036	<0.00020	<0.00070	<0.020	<0.020		94.8		
TW-13	10/18/11	***0.0311***	<0.00200	<0.00100	<0.00100	<1.50	1.69		90.2		
TW-13	4/26/12	<0.00100	0.00339	<0.00100	<0.00100	<1.50	<1.50		83.0		
TW-13	11/7/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		64.8		
TW-13	4/24/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
TW-13	10/22/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
TW-13	3/2/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
TW-13	10/27/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.40	<1.40	<1.40			
TW-13	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
TW-13	8/25/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-13	2/28/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-13	8/31/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-13	4/4/18	0.00292	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-13	8/28/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-13	1/29/19	0.002	0.002	0.002	0.002	<1.50	<1.50	<1.50			
TW-13	12/18/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

ARCADIS

Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1 mg/L*	*0.7 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1,000 mg/L*	
TW-13	4/9/20	<0.00018	<0.00020	<0.00021	<0.00037	0.026 J	<0.047	<0.16			
TW-13	6/9/21	<0.000190	<0.000412	<0.000160	<0.000510	0.0367 B J	0.181	0.218			
TW-13	11/10/21	0.000368 J	0.000502 B J	<0.000160	<0.000510	--	--	--			
TW-20	11/6/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50		53.5		
TW-20	4/24/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
TW-20	10/22/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
TW-20	3/2/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
TW-20	10/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.40	<1.40	<1.40			
TW-20	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
TW-20	8/25/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-20	2/28/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-20	8/29/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-20	4/3/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-20	8/28/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
TW-20	12/18/19	<0.00018	<0.00020	<0.00021	<0.00037	<1.50	<1.50	<1.50			
TW-20			Plugged and Abandon April 2020								
Dup-1 (MW-24)	4/16/09	***0.077***	0.0009 J	0.0028	0.0022 J				29.7		
Dup-2 (MW-3)	4/16/09	***0.46***	0.067	0.011	0.019				51.5		
Dup-100 (MW-18)	9/30/09	**0.0096**	0.0030	0.0007 J	0.0008 J				97.6		
Dup-200 (MW-4)	9/30/09	***17.00***	0.110	0.310	0.140 J				56.7		
Dup-100 (MW-12)	4/6/10	0.0005 J	<0.0002	<0.0002	<0.0006						
Dup-101 (MW-4)	4/6/10	***25.0***	0.500	0.460	0.220 J						
Dup-1 (MW-20)	10/6/10	0.0023	<0.0002	<0.0002	<0.0006						
Dup-2 (MW-1)	10/7/10	***3.4***	0.0032 J	0.0011 J	<0.0030						
DUP1 (MW-12)	4/19/11	<0.00020	0.0042	<0.00020	<0.00070	<0.020	<0.020		43.1		
DUP2 (MW-10)	4/20/11	<0.00020	0.0021	<0.00020	<0.00070	<0.020	<0.020		43.3		
Dup-1 (MW-16)	10/18/11	0.00105	<0.00200	<0.00100	<0.00100	<1.50	1.85		56.3		
Dup-2 (MW-4)	10/20/11	***21.8***	<0.0500	0.0750	0.0560	20.2	2.16		77.3		
Trip Blank	10/18/11	<0.00100	<0.00200	<0.00100	<0.00100						
Dup-04 (MW-20)	4/25/12	<0.00100	0.00445	<0.00100	<0.00100	<1.50	<1.50		16.5		
Trip Blank	4/25/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
Dup-2 (MW-4)	4/26/12	***17.0***	<0.00100	<0.250	<0.250	15.7			77.0		
Dup1 (TW-20)	11/6/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
Dup2 (TW-13)	11/7/12	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
Trip Blank	11/9/12	<0.00100	<0.00200	<0.00100	<0.00100						
Dup-1 (MW-10)											
Dup-2 (MW-1)											
Dup-1	4/24/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
Dup-2	4/25/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
Dup03	4/25/2013	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50				
Trip Blank	4/25/2013	<0.00100	<0.00200	<0.00100	<0.00100						
Dup1 (MW-10)	10/23/13	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
Dup2 (MW-1)	10/24/13	***6.10***	<0.0400	<0.0200	0.0366	6.38	<1.50	6.38			
Trip Blank	10/24/13	<0.00100	<0.00200	<0.00100	<0.00100						
Dup1 (MW-13)	2/10/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
Dup2 (MW-5)	2/12/14	***0.05590***	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
Dup3 (MW-17)	2/14/14	***18.8***	<0.10000	<0.05000	<0.05000	21.6	<1.50	21.6			
Trip Blank	2/14/14	<0.00100	<0.00200	<0.00100	<0.00100						
Dup1 (MW-18)	10/28/14	<0.00100	<0.00200	<0.00100	<0.00100	<1.48	<1.48	<1.48			
Dup2 (MW-17)	10/30/14	***23.4***	<0.200	<0.100	<0.100	28.1	<1.48	28.1			
Dup1 (MW-16)	2/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
Dup2 (MW-7)	2/26/15	<0.00100	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
Dup3 (MW-2)	3/3/15	***0.0922***	<0.00200	<0.00100	<0.00100	<1.50	<1.50	<1.50			
Dup2 (MW-7)	2/26/15	<0.00100	<0.0020	<0.00100	<0.00100	<1.50	<1.50	<1.50			
Dup1 (MW-16)	2/26/15	<0.00100	<0.0020	<0.00100	<0.00100	<1.50	<1.50	<1.50			
Dup-1 (MW-16)	10/27/15	<0.00100	<0.0020	<0.00100	<0.00100	<1.41	<1.41	<1.41			
Dup-1 (MW-16)	10/27/15	<0.00100	<0.0020	<0.00100	<0.00100	<1.41	<1.41	<1.41			
DUP-2 (MW-26)	10/29/15	***0.0397***	<0.0020	<0.00100	<0.00100	<1.41	<1.41	<1.41			
Dup-1 (MW-23)	3/1/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
Dup-2 (MW-26)	3/2/16	<0.00100	<0.00200	<0.00100	<0.00100	<1.41	<1.41	<1.41			
Dup-3 (MW-1)	3/3/16	***1.23***	<0.0400	<0.0200	<0.0200	2.25	<1.41	2.25			
Dup-1 (MW-23)	8/24/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			

APPENDIX E
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS
BUCKEYE COMPRESSOR STATION
LEA COUNTY, NEW MEXICO

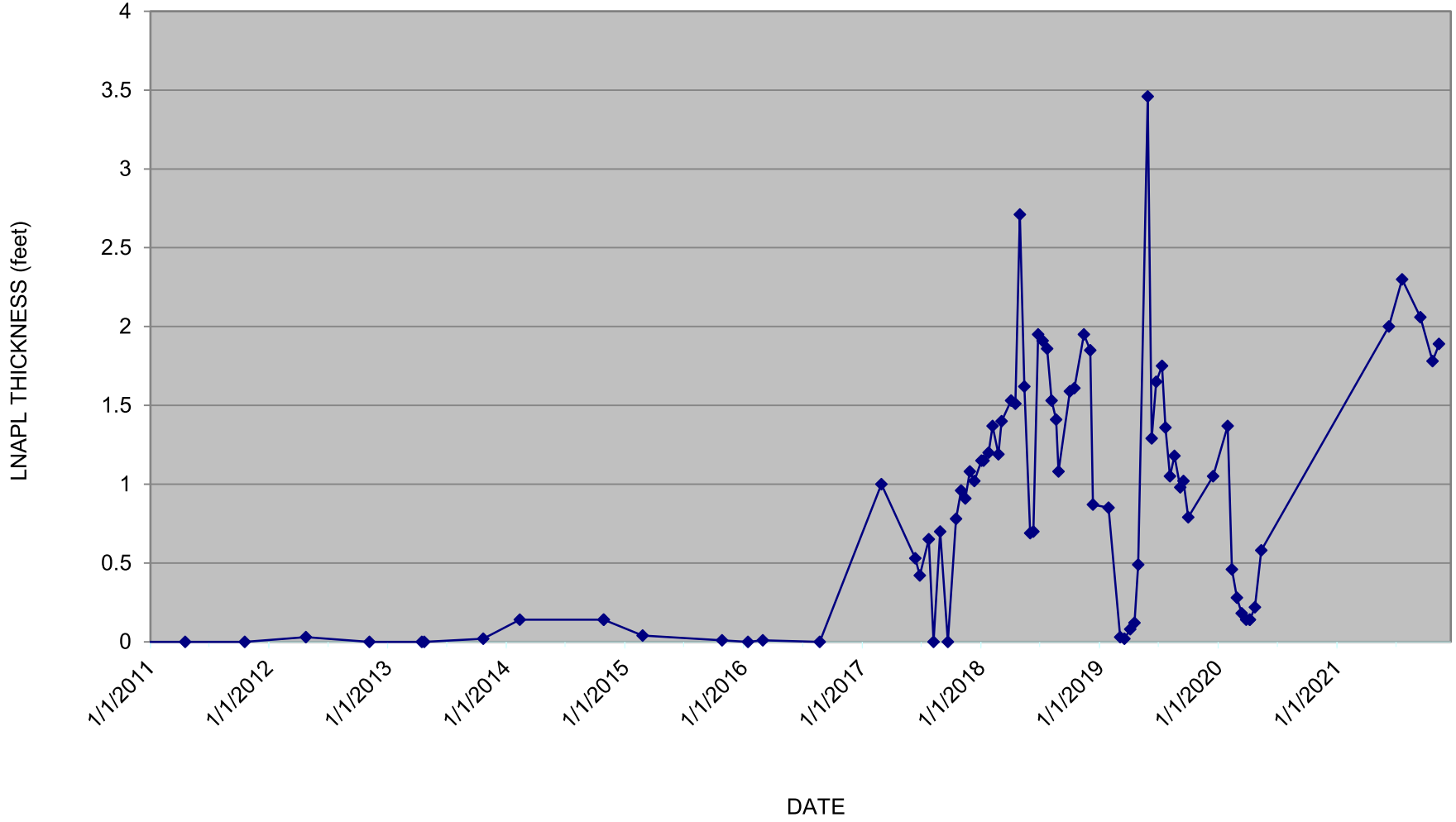
Well ID	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH GRO	TPH DRO	TPH C_6-C_{36}	Chloride	TDS	Notes
NMWQCC Standards		*0.005*	*0.1 mg/L*	*0.7 mg/L*	*0.62 mg/L*	*---*	*---*	*---*	*250 mg/L*	*1,000 mg/L*	
Dup-2 (MW-20)	8/26/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup-3 (MW-25)	8/26/16	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup-1 (MW-23)	3/2/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup-2 (MW-24)	3/3/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup-3 (MW-12)	3/3/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-5)	8/31/17	***0.0993***	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-6)	9/1/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (TW-20)	8/29/17	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-15)	4/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-25)	4/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-7)	4/6/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-7)	8/29/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-15)	9/4/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-24)	9/5/18	<0.00200	<0.00200	<0.00200	<0.00200	<1.50	<1.50	<1.50			
Dup (MW-4)	12/19/19	***12.0***	<0.0040	0.044	0.030 J	33.00	0.19 J H	<0.26			
Dup (MW-14)	1/30/19	0.002	0.002	0.002	0.002	<1.50	<1.50	<1.50			
Dup (MW-23)	2/1/19	0.002	0.002	0.002	0.002	<1.50	<1.50	<1.50			
Dup (TW-20)	1/31/19	0.002	0.002	0.002	0.002	<1.50	<1.50	<1.50			
Dup (MW-4)	4/9/20	**3.2**	0.0045 J	0.016	<0.020	**12.00**	0.055 J	<0.16			
Dup (MW-1)	6/9/21	**0.0763**	<0.000412	<0.000160	<0.000510	**0.236 B**	0.995	1.231 B			
Dup 1 (MW-17)	11/10/21	**5.12**	0.000961 B J	0.00141	0.00125 B J	**--**	--	--			

NOTES:
NMWQCC - New Mexico Water Quality Control Commission
BOLD - Above NMWQCC standards.
mg/L - milligrams per liter
NA - Not Analyzed
J - Reported as an estimate
Cells shaded yellow indicate that concentration exceeds NMWQCC standard.Not sampled due to presence of LNAPL .
LNAPL - low density non-aqueous liquids.
NS - Not sampled
Well MW-25 and MW-26 were drilled in April 2015
< Indicates that the results are less than the sample detection limit.

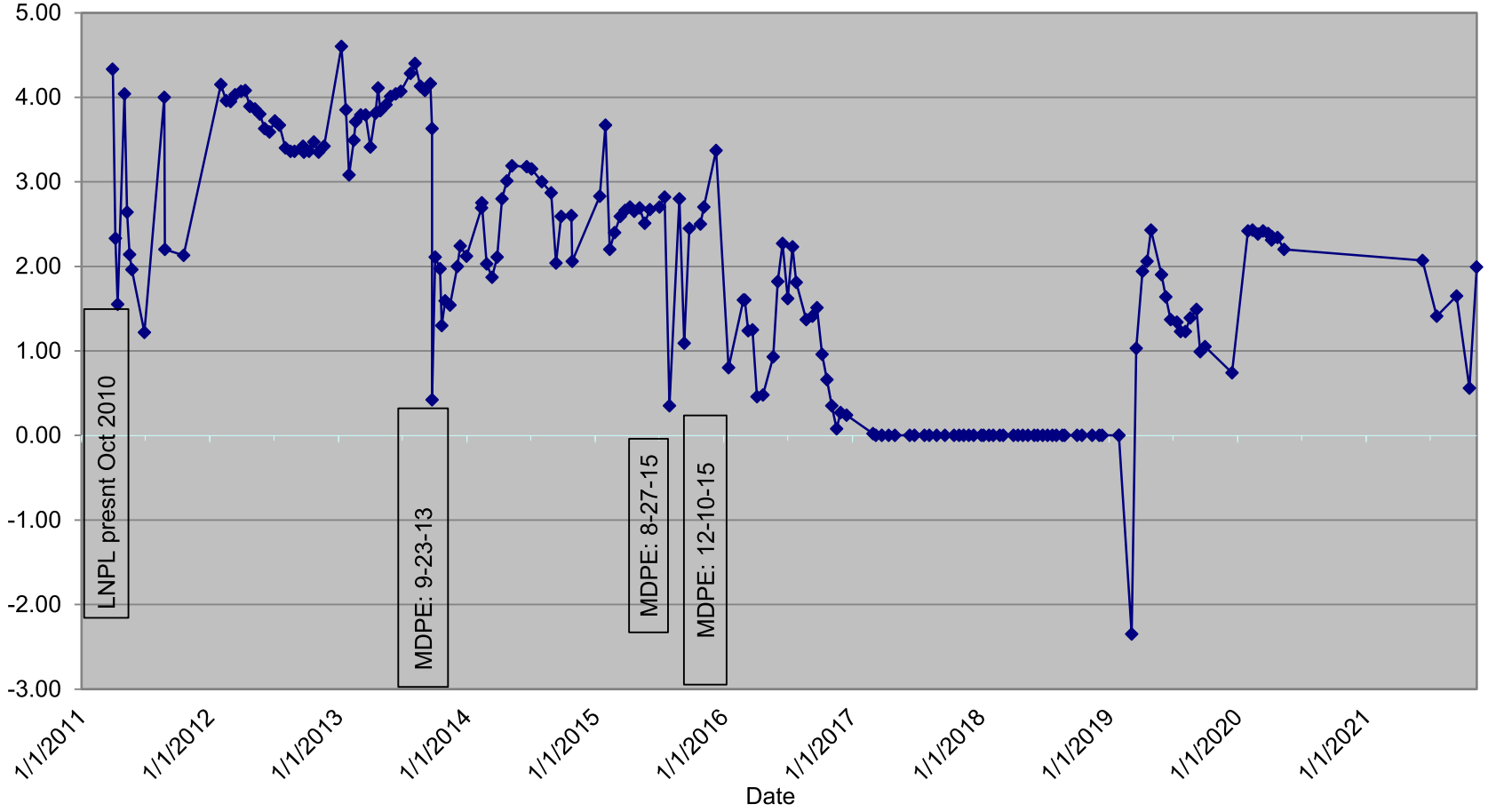
Appendix F

Charts of LNAPL Thickness Trends

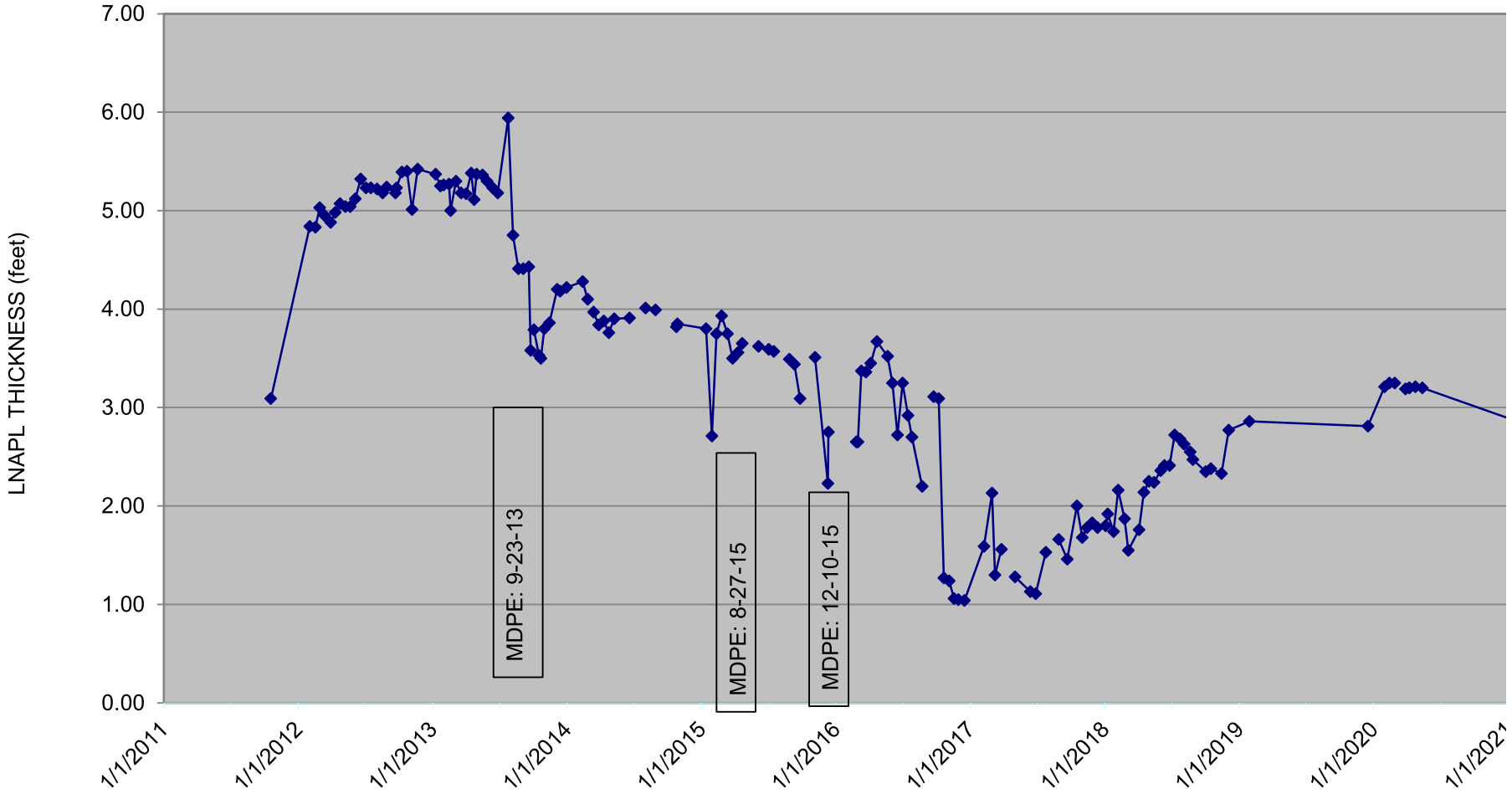
Chevron Enviromental Management Company
Buckeye Compressor Station
Lea County, NM
Thickness of Light Non-Aqueous Phase Liquid (LNAPL)
MW-3



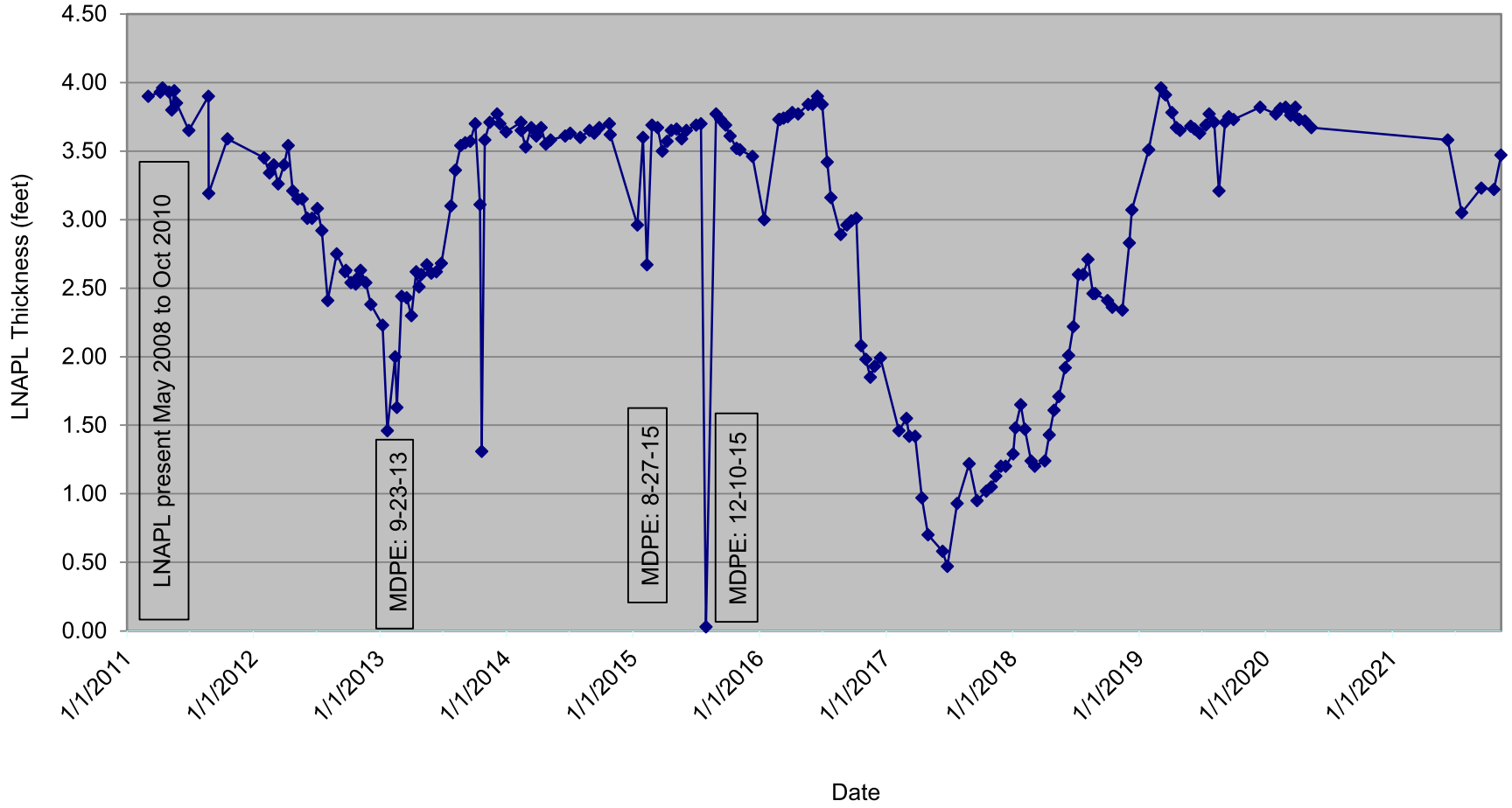
Chevron Enviromental Management Company
Buckeye Compressor Station
Lea County, NM
Thickness of Light Non-Aqueous Phase Liquid (LNAPL)
MW-8



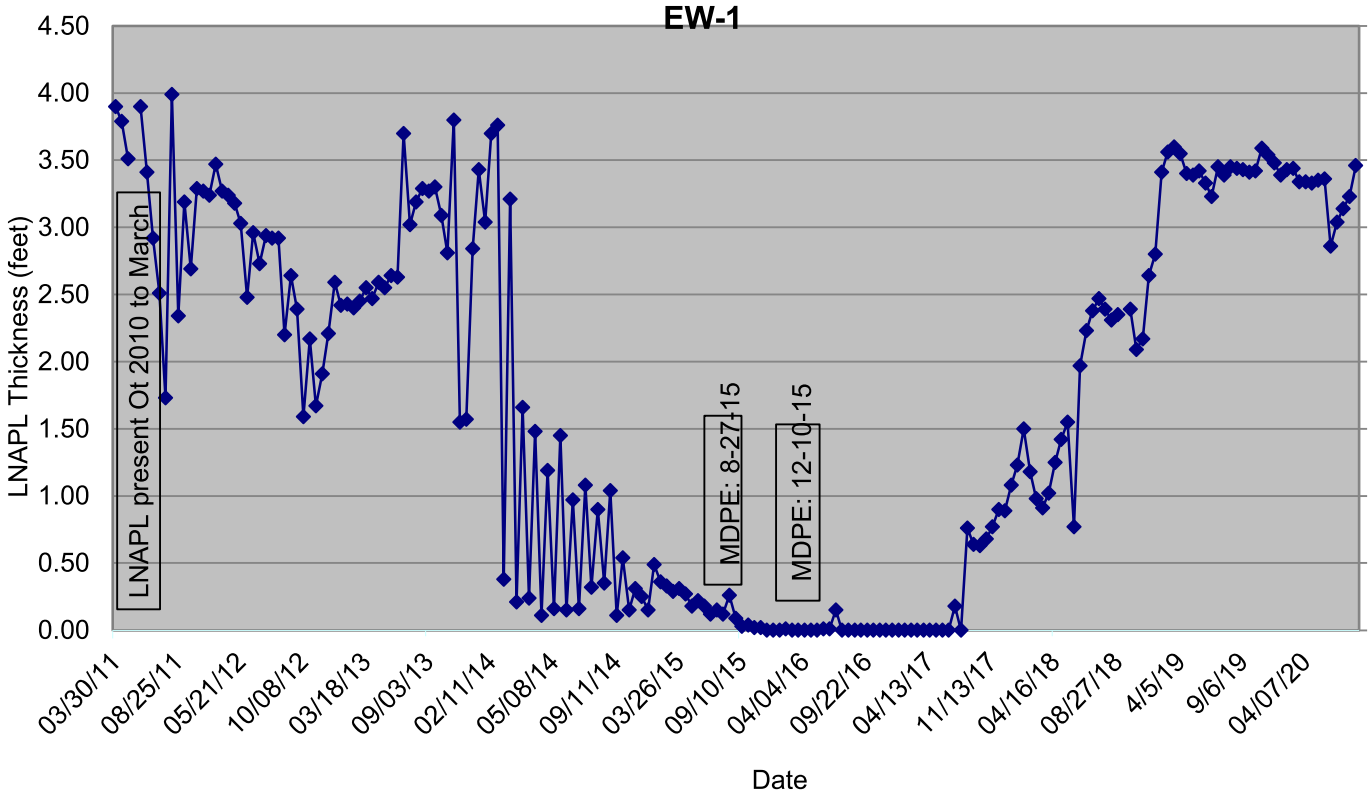
Chevron Enviromental Management Company
Buckeye Compressor Station
Lea County, NM
Thickness of Light Non-Aqueous Phase Liquid (LNAPL)
MW-9



Chevron Enviromental Management Company
Buckeye Compressor Station
Lea County, NM
Thickness of Light Non-Aqueous Phase Liquid (LNAPL)
MW-19



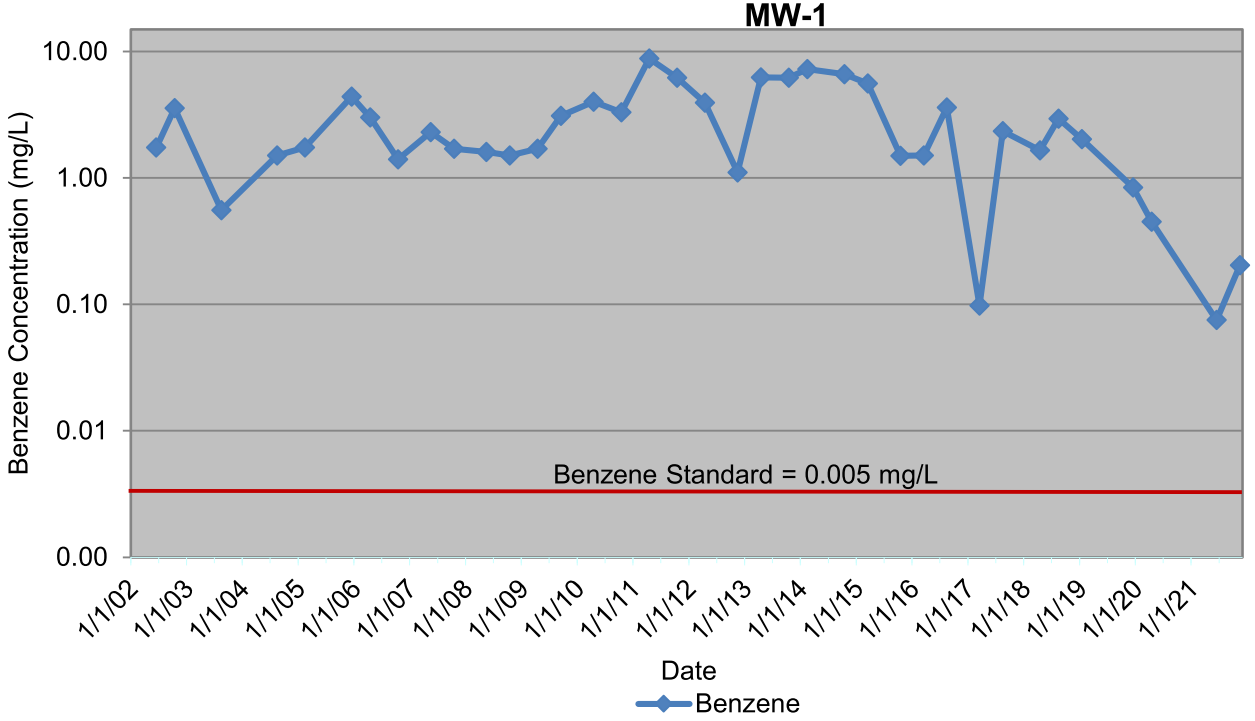
Chevron Enviromental Management Company
Buckeye Compressor Station
Lea County, NM
Thickness of Light Non-Aqueous Phase Liquid (LNAPL)



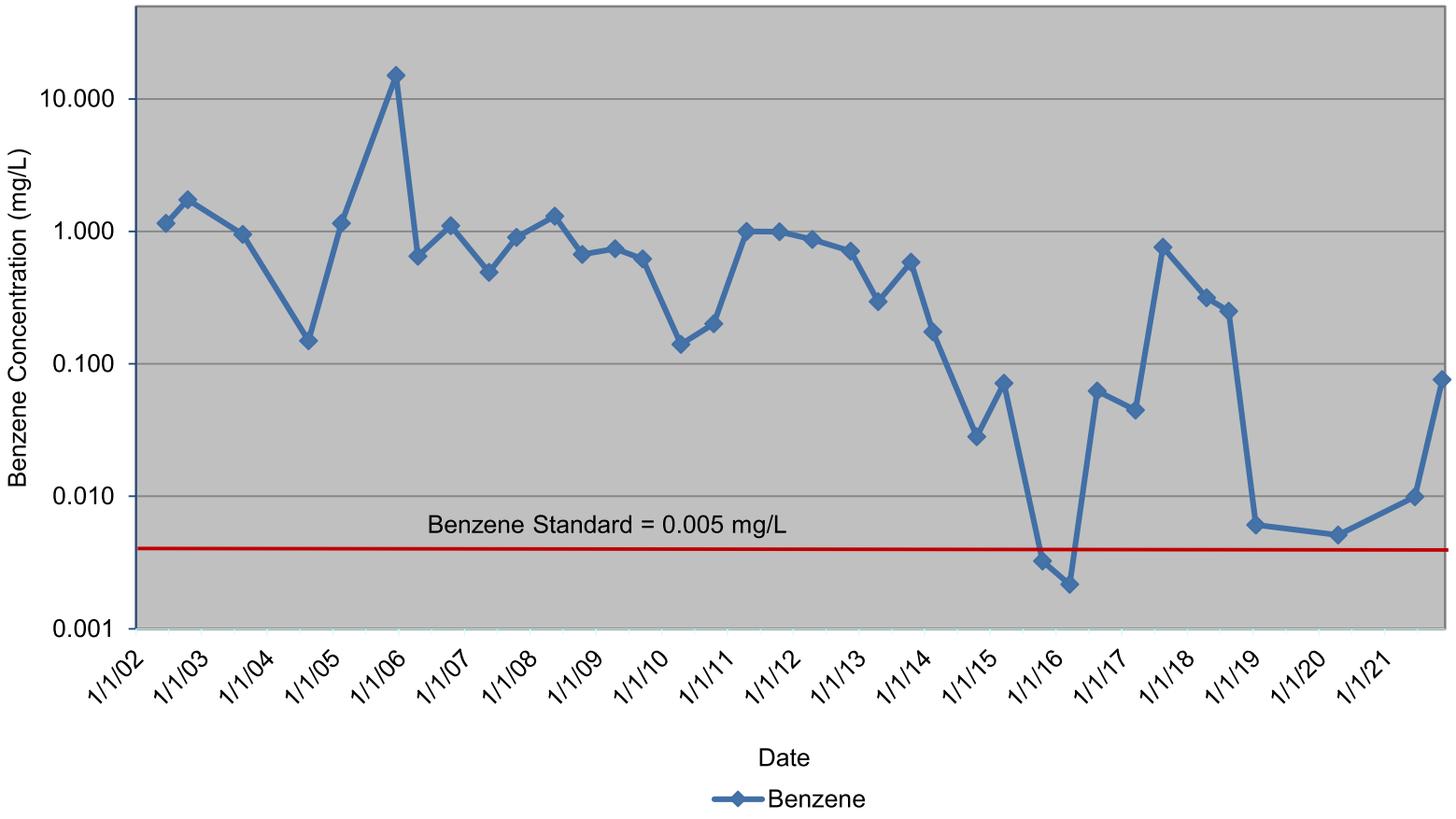
Appendix G

Charts of Chemical Concentration Trends

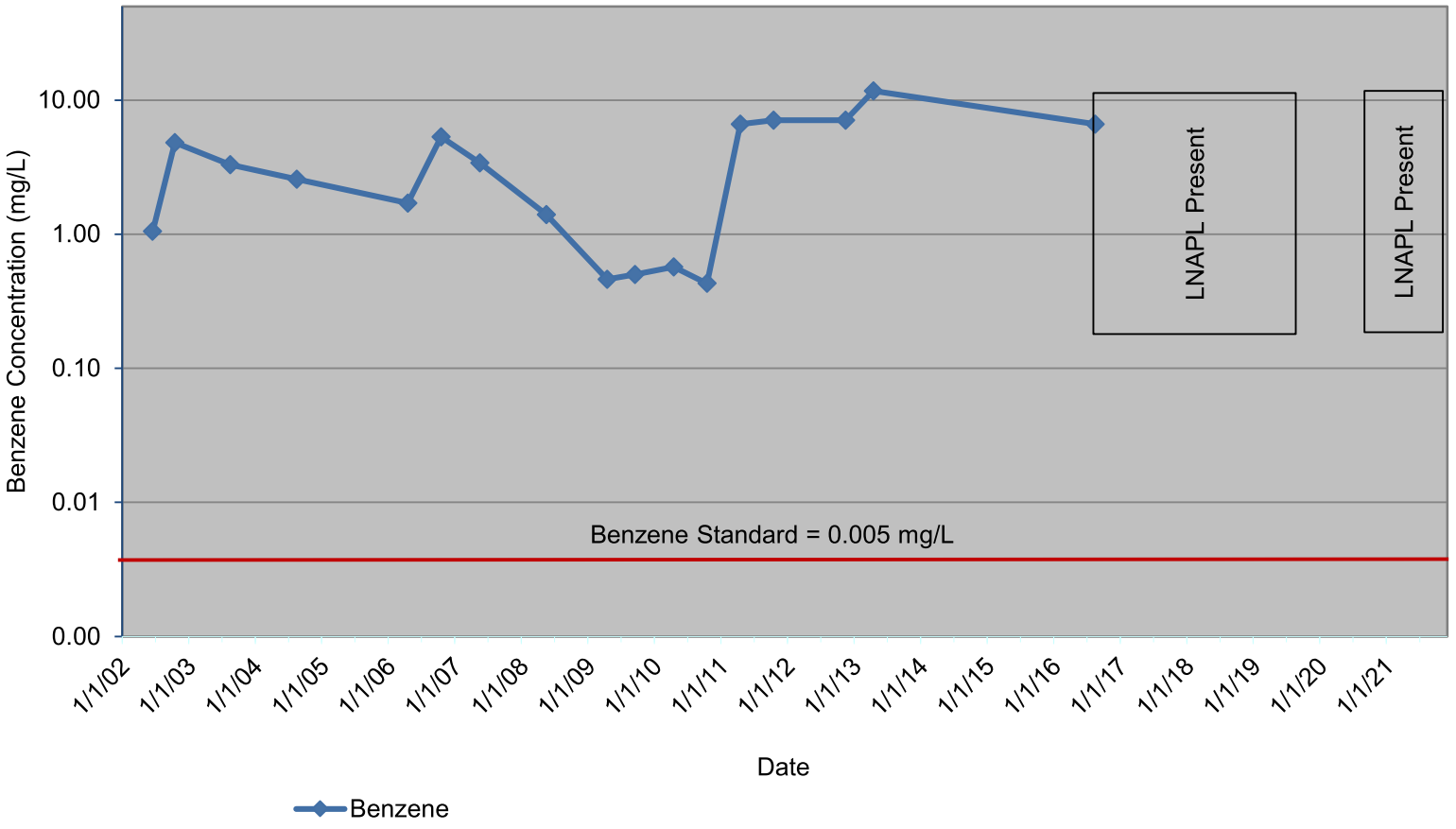
Chevron Enviromental Management Company
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater



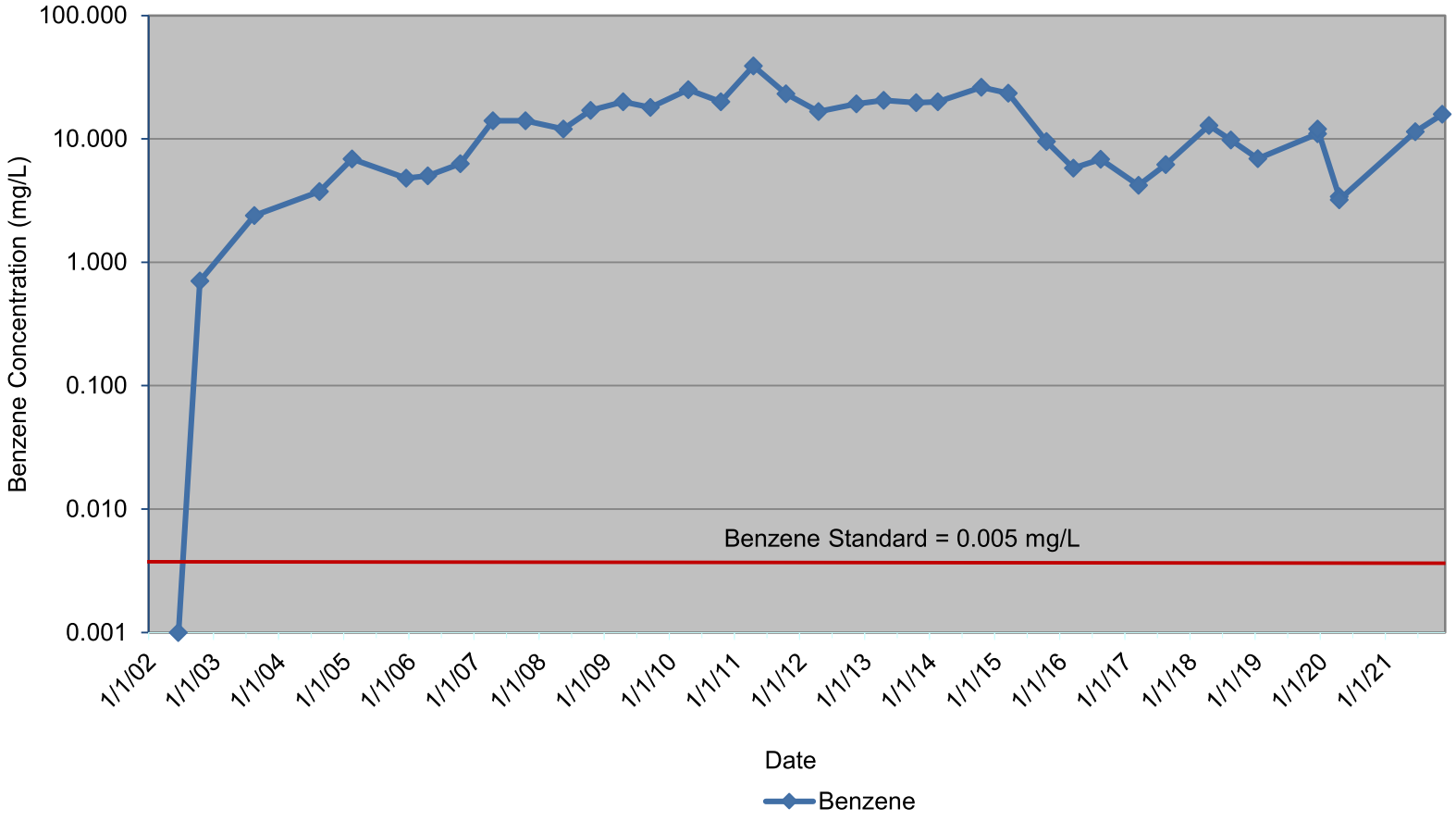
Chevron Enviromental Management Company
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-2



Chevron Enviromental Management Company
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-3



Chevron Enviromental Management Company
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-4



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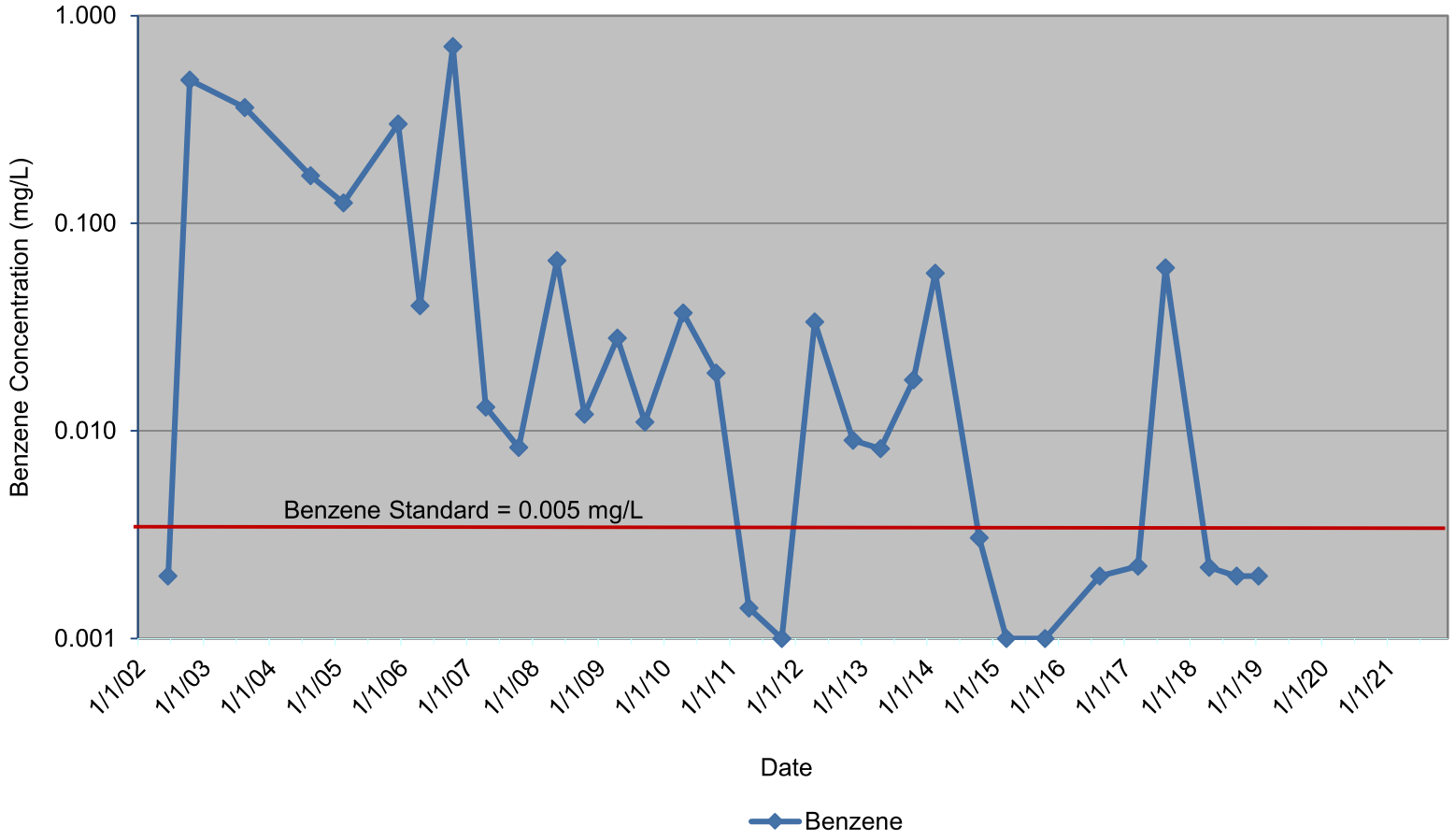
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-5



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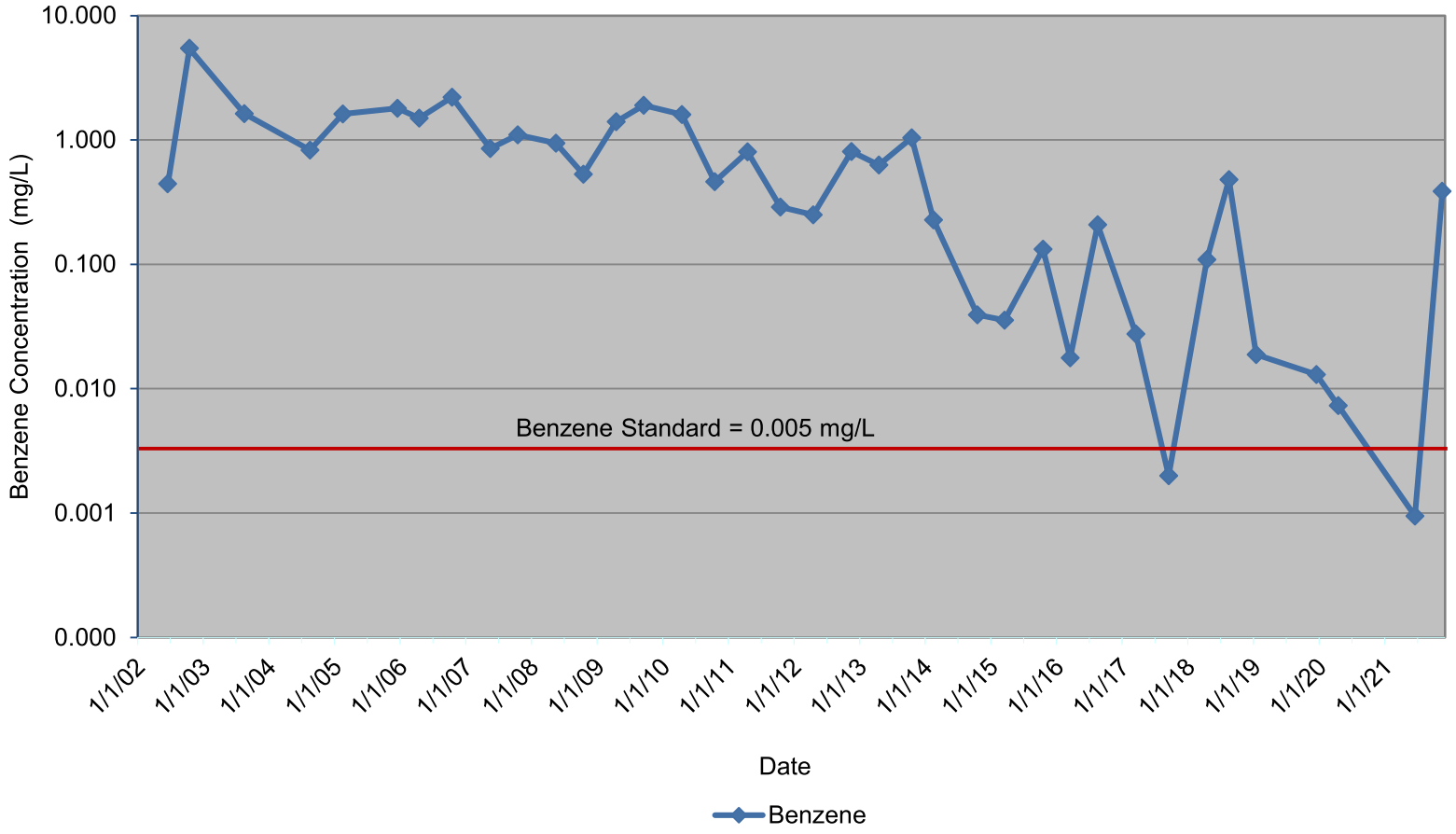
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-6



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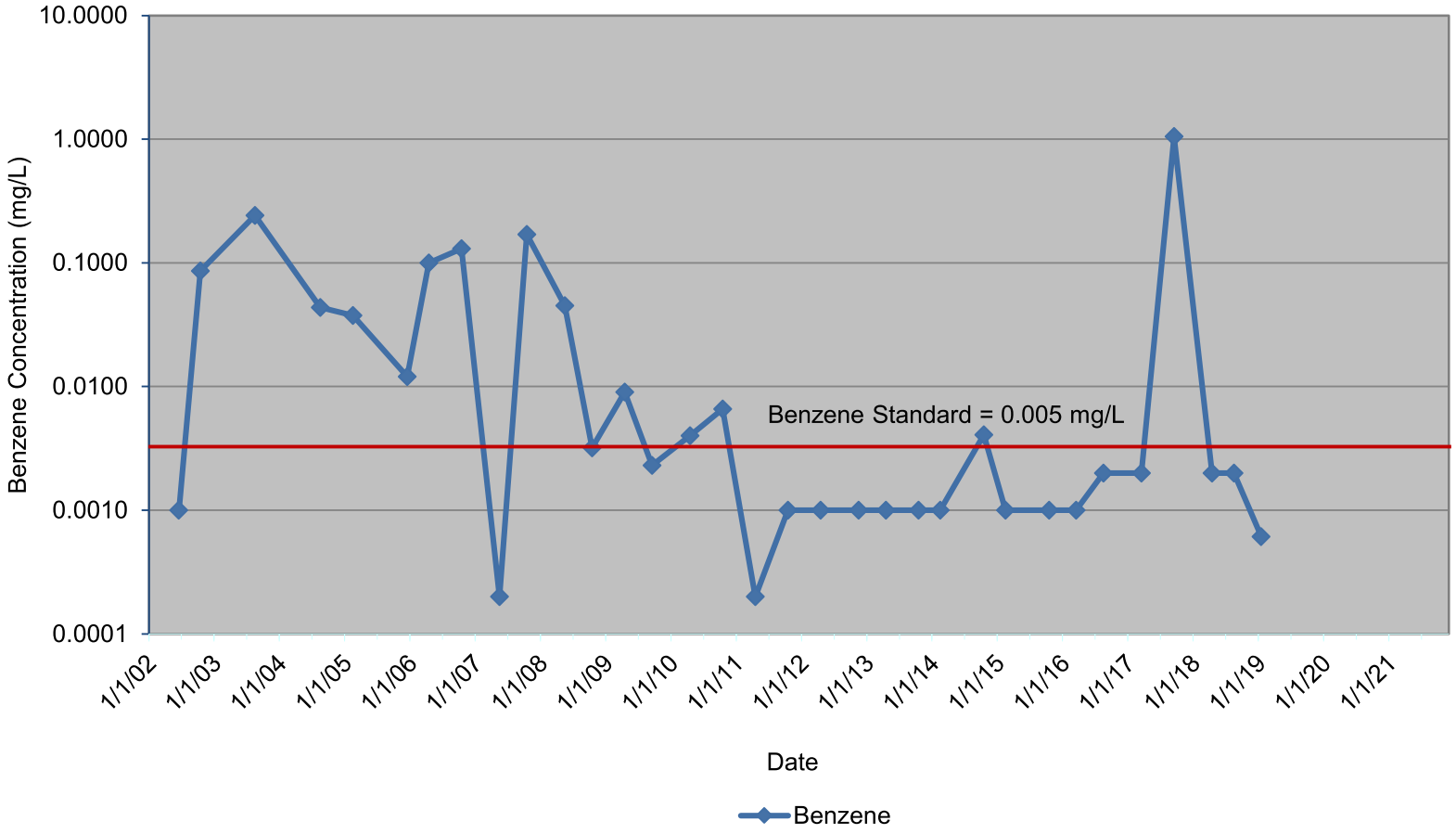
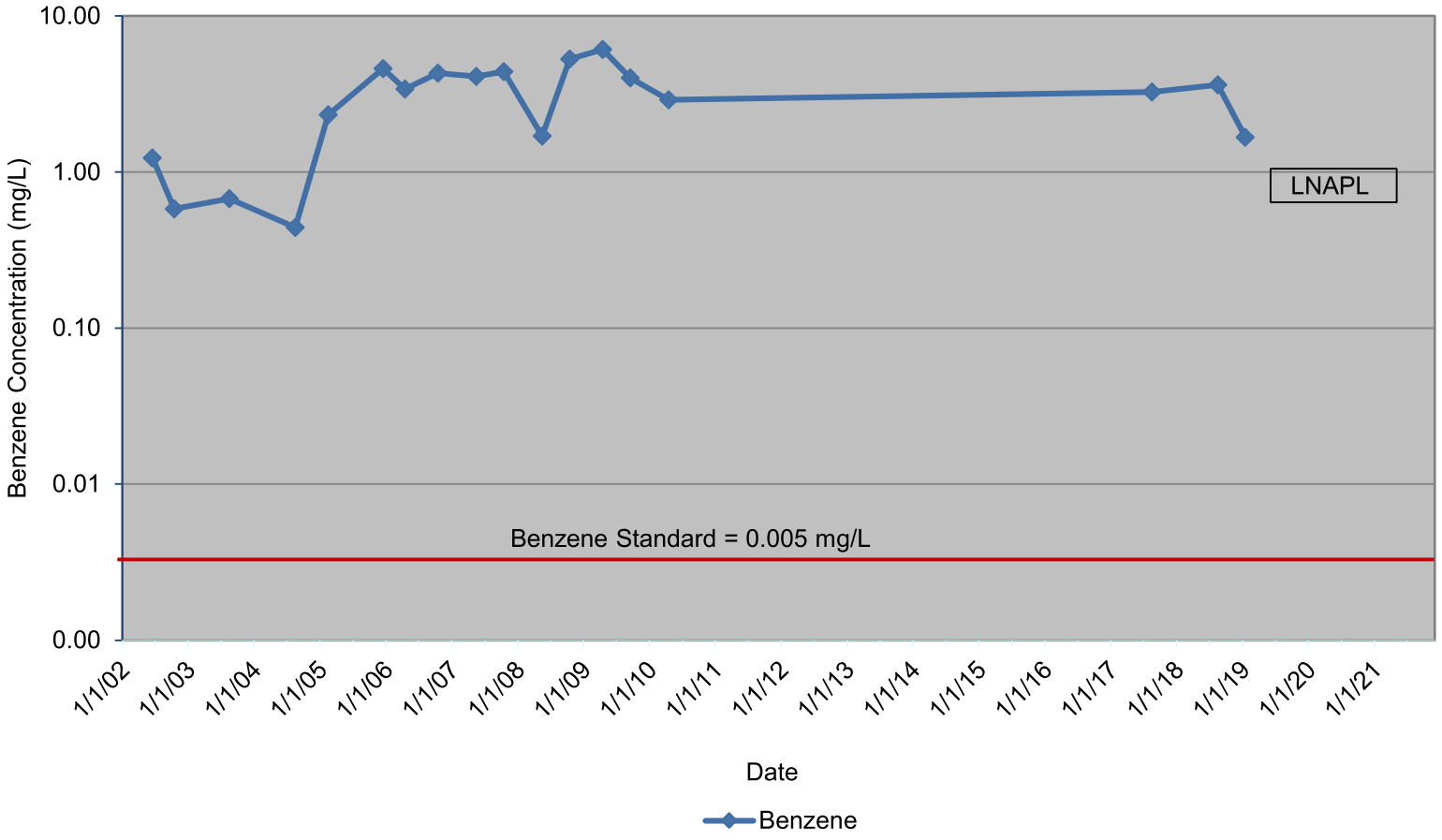
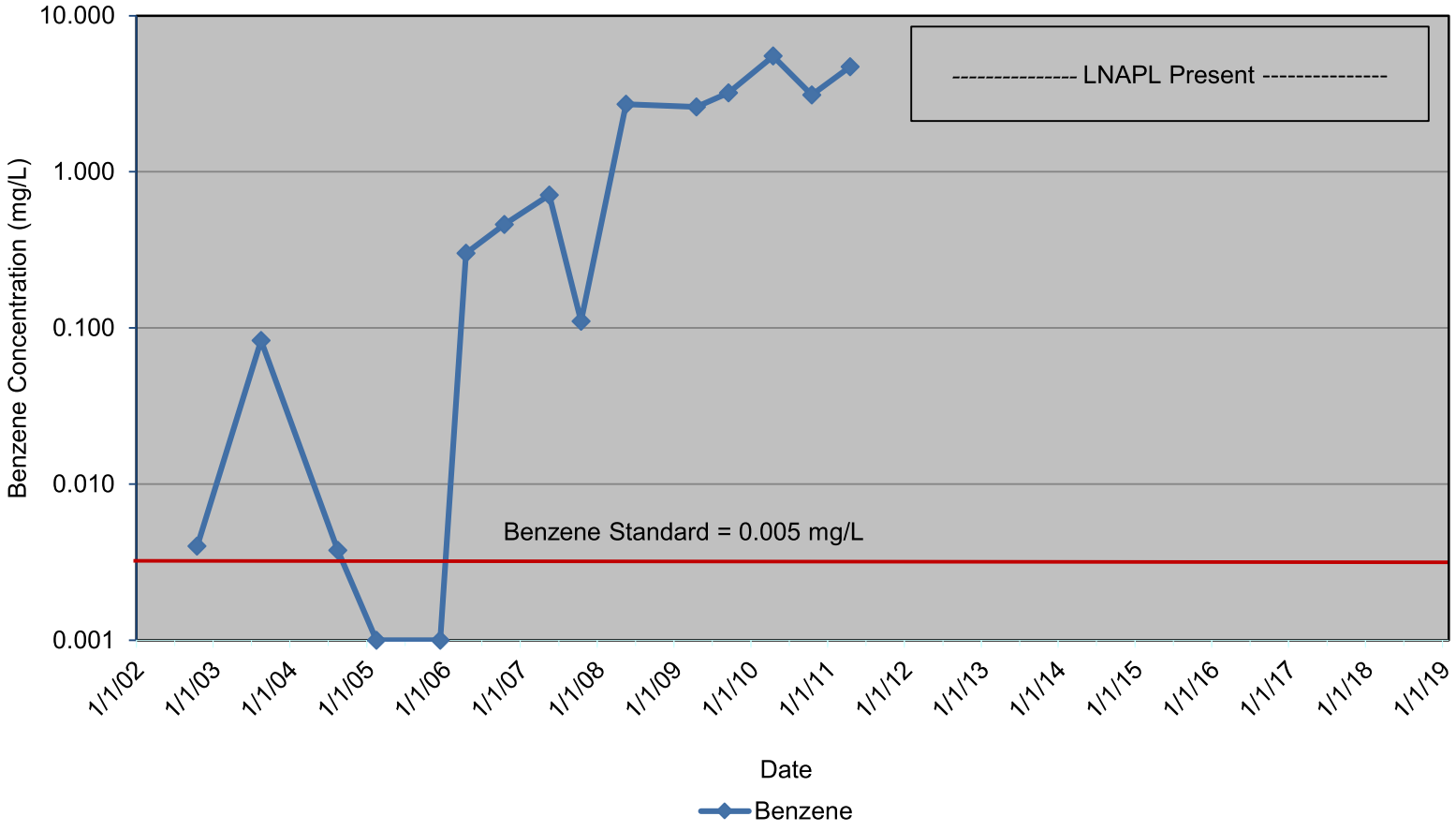
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-7



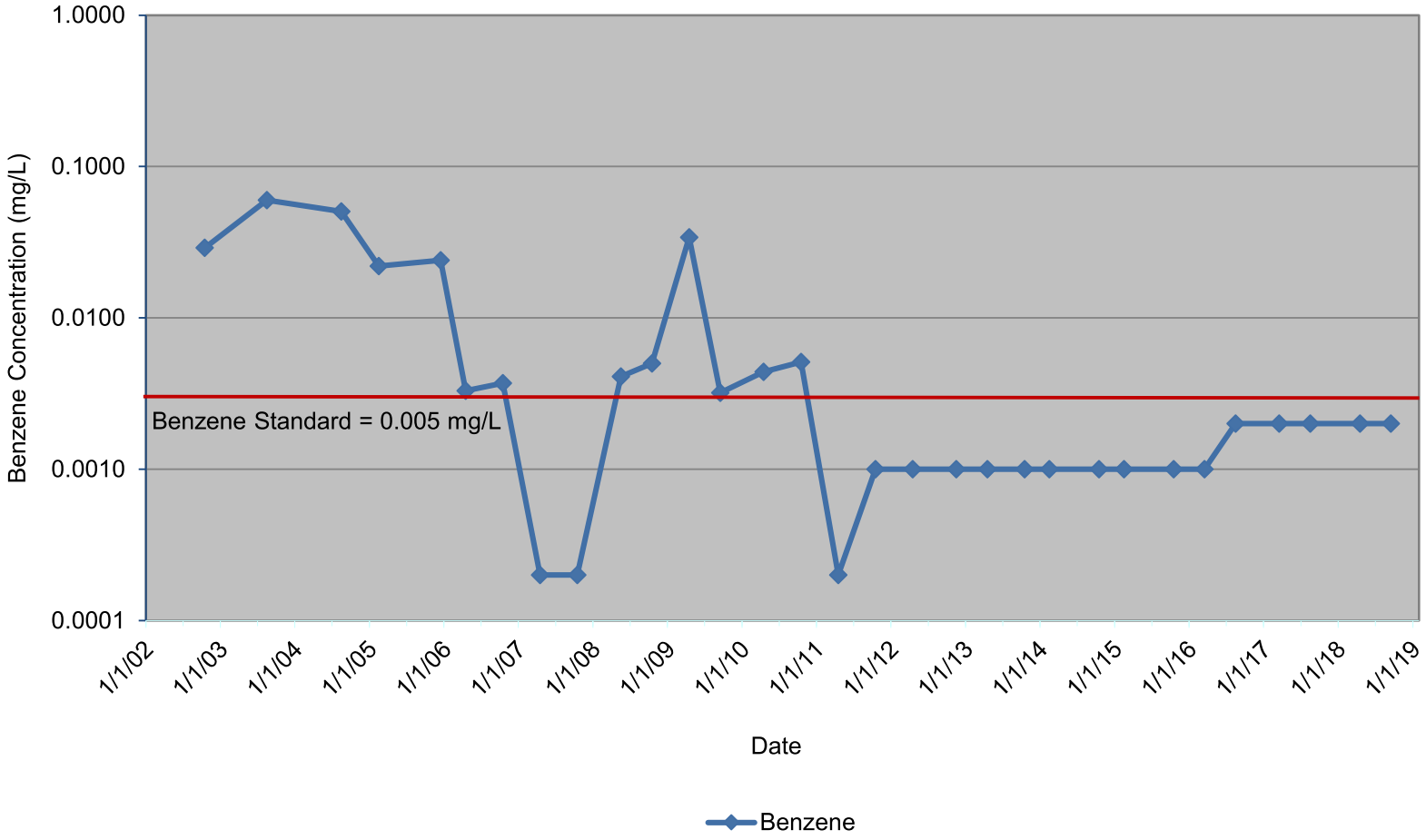
Chevron Enviromental Management Company
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-8



Chevron Enviromental Management Company
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-9



Chevron Enviromental Management Company
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-10



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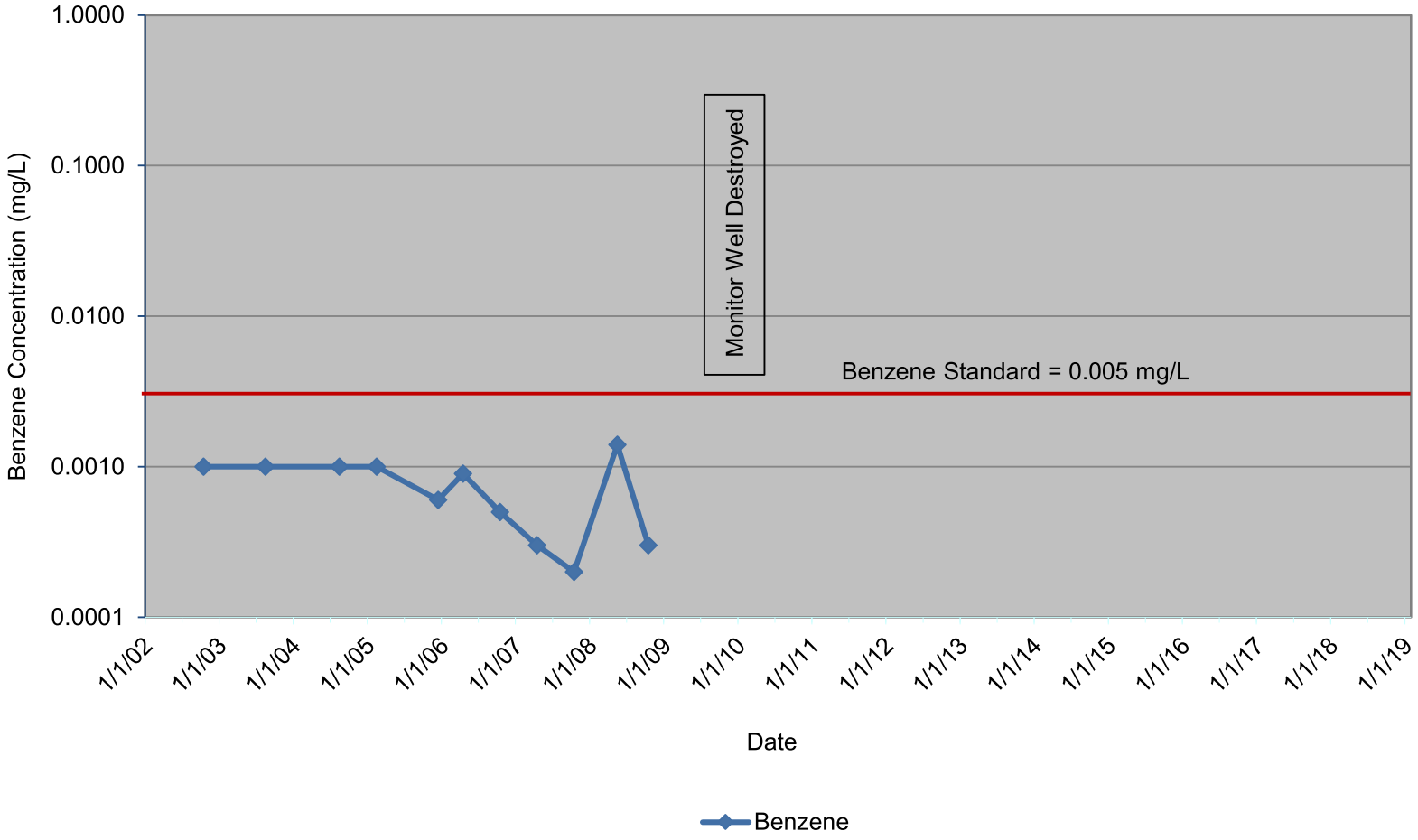
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-11



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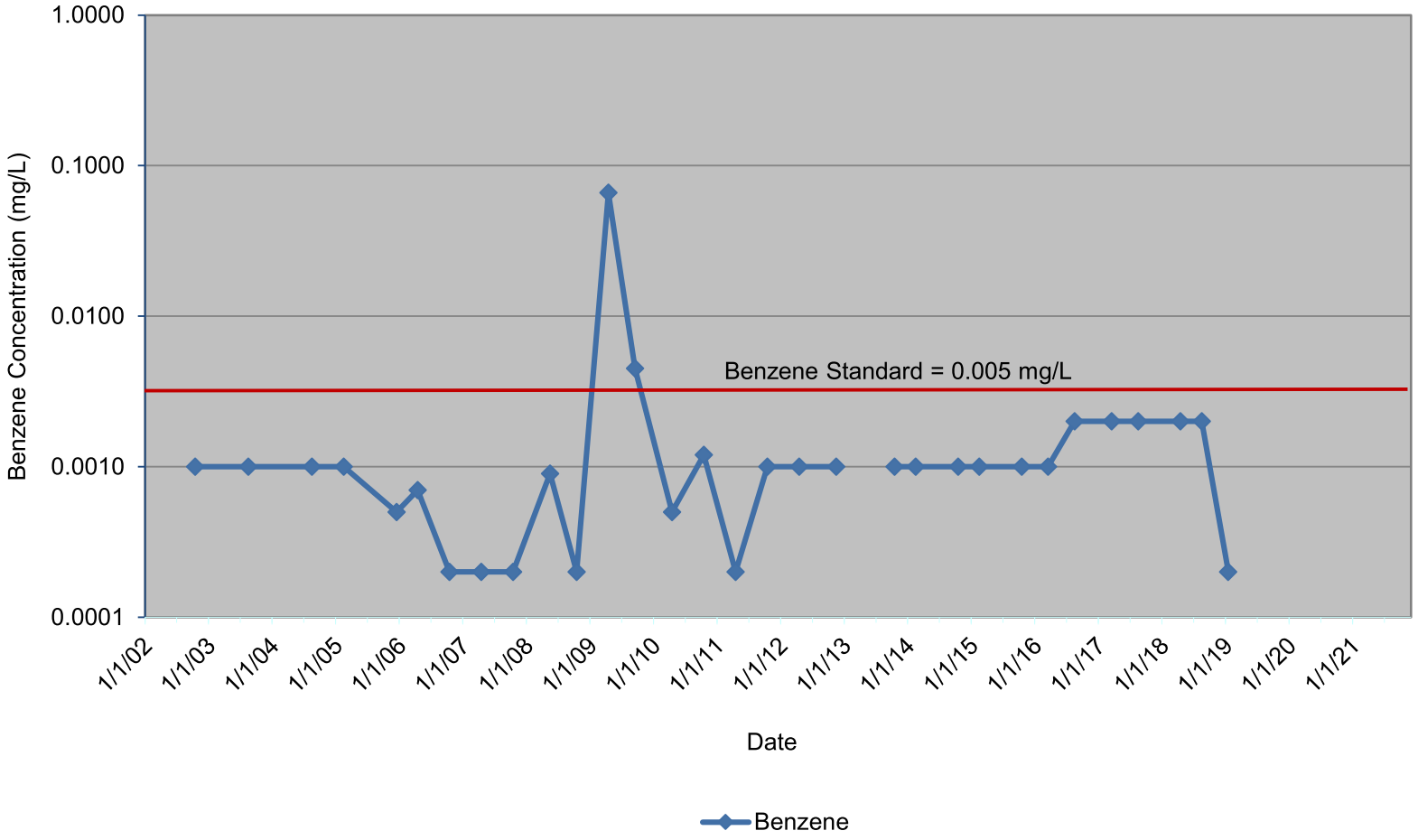
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-12



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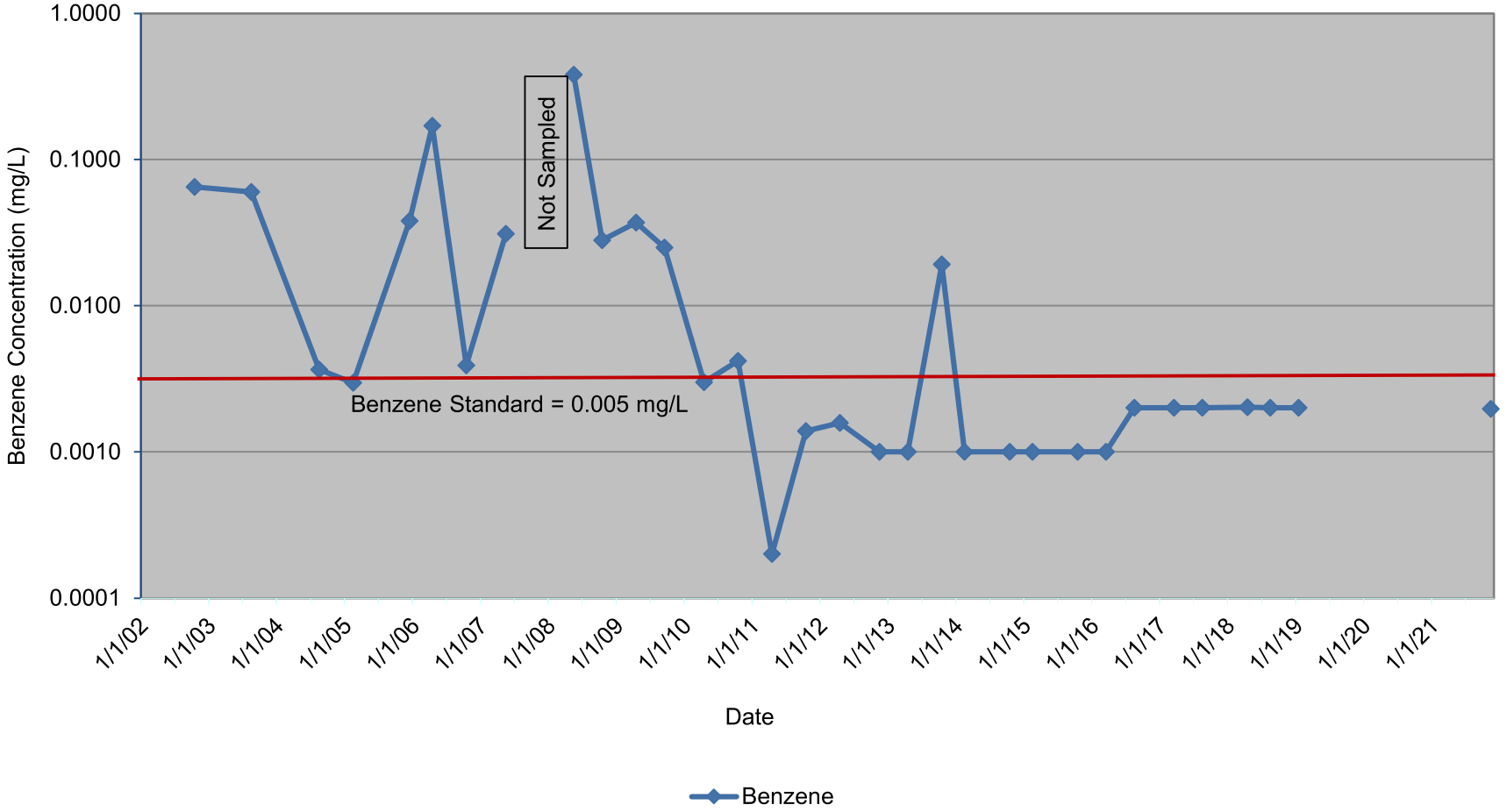
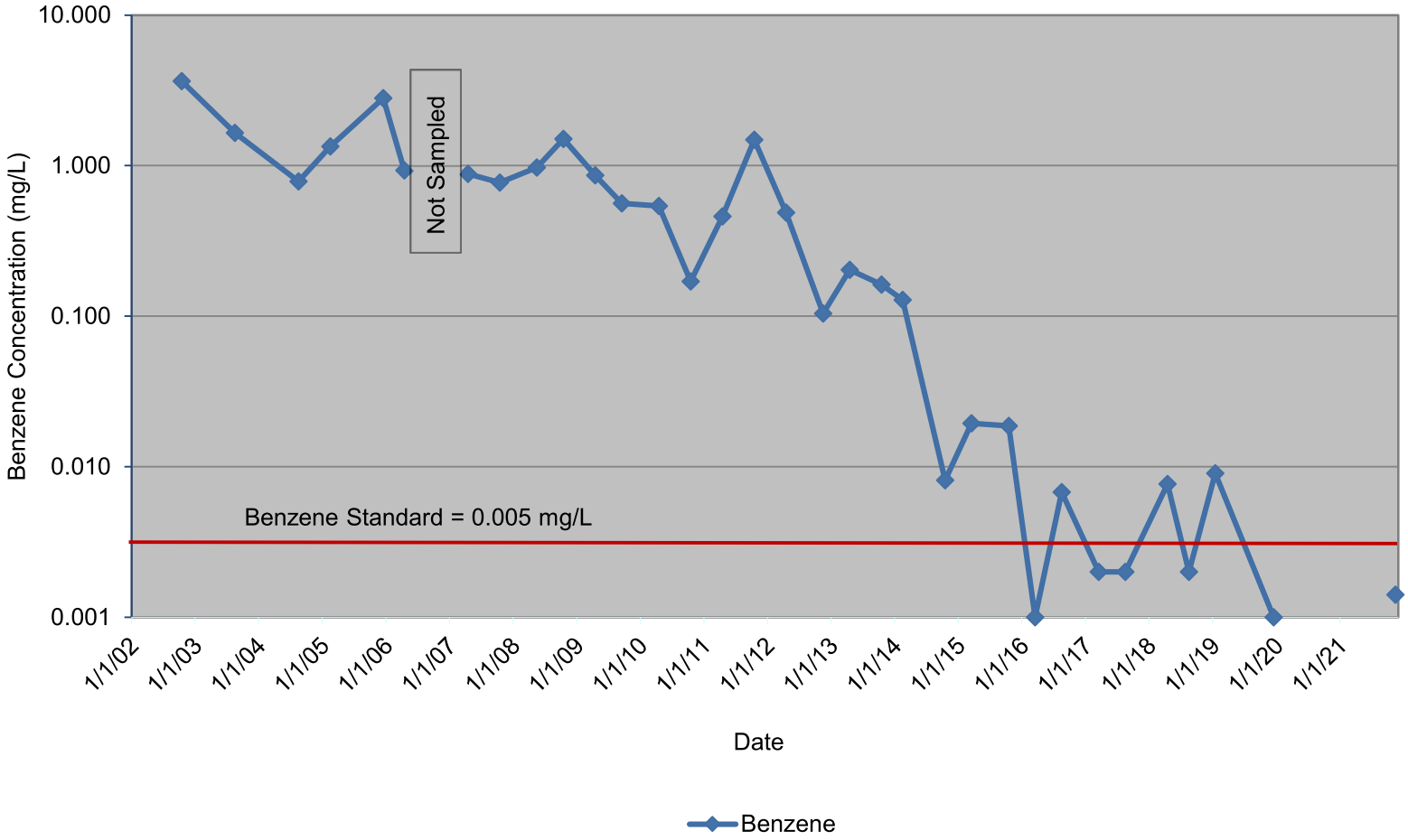
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-13



Chevron Enviromental Management Company
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-14



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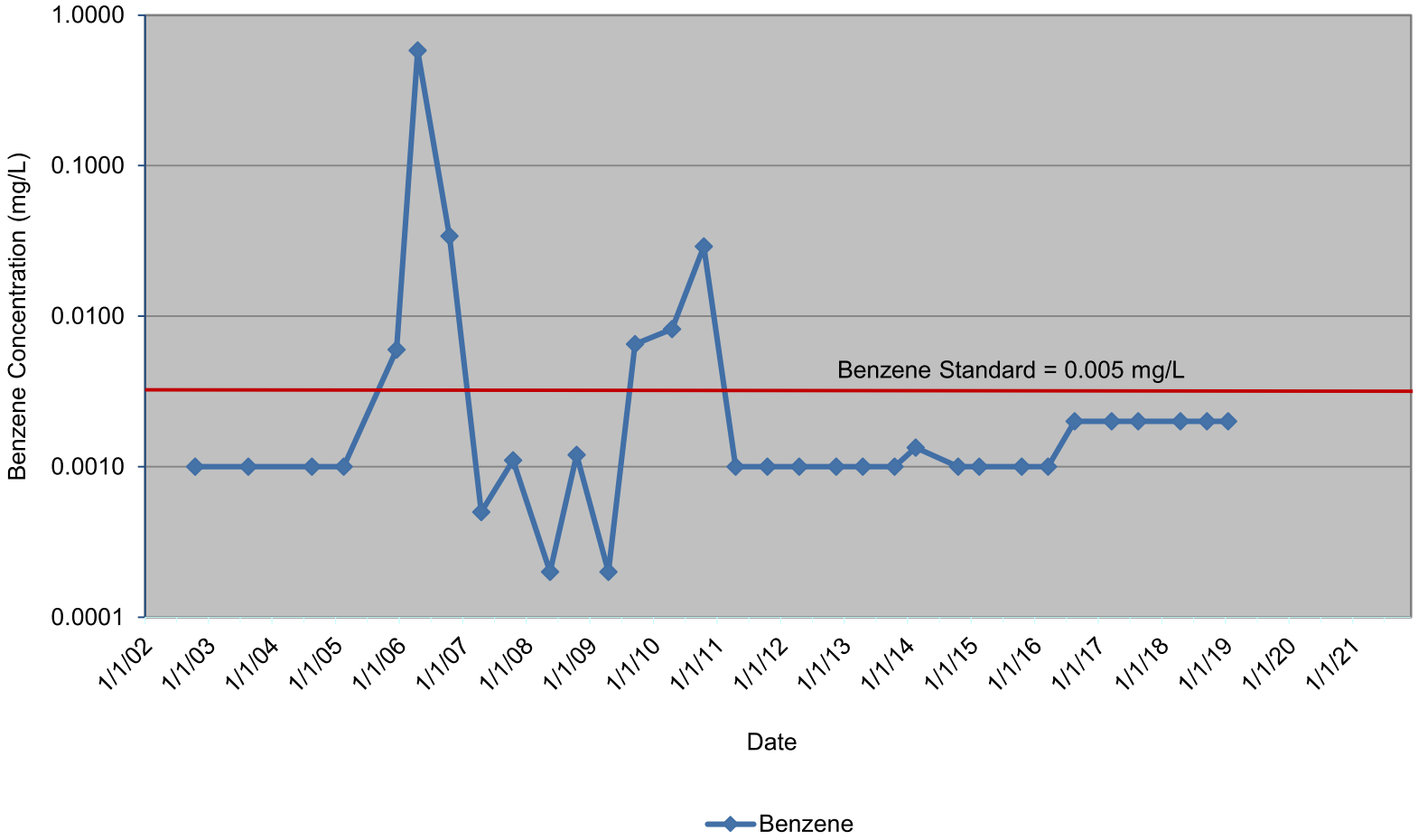
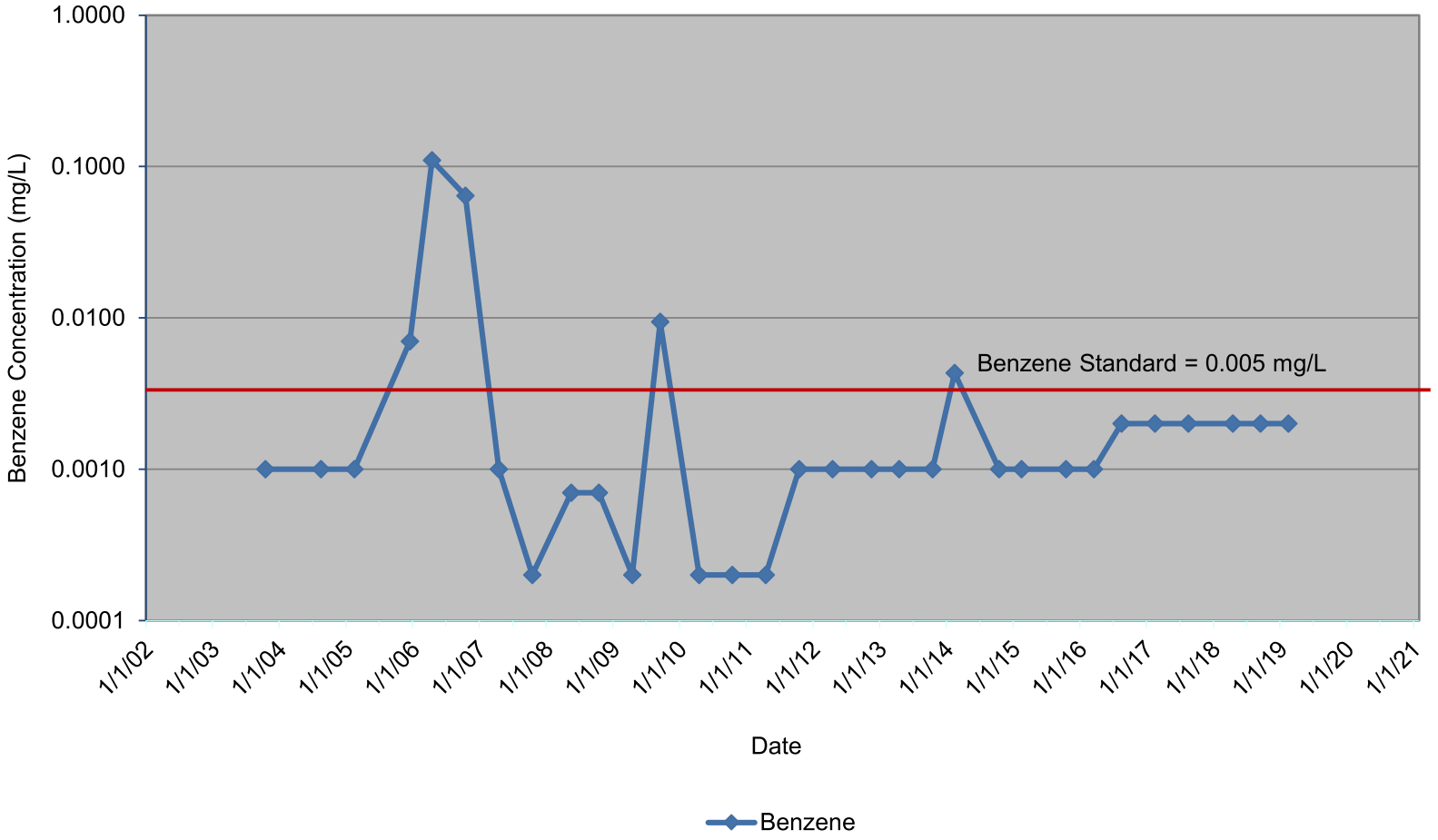
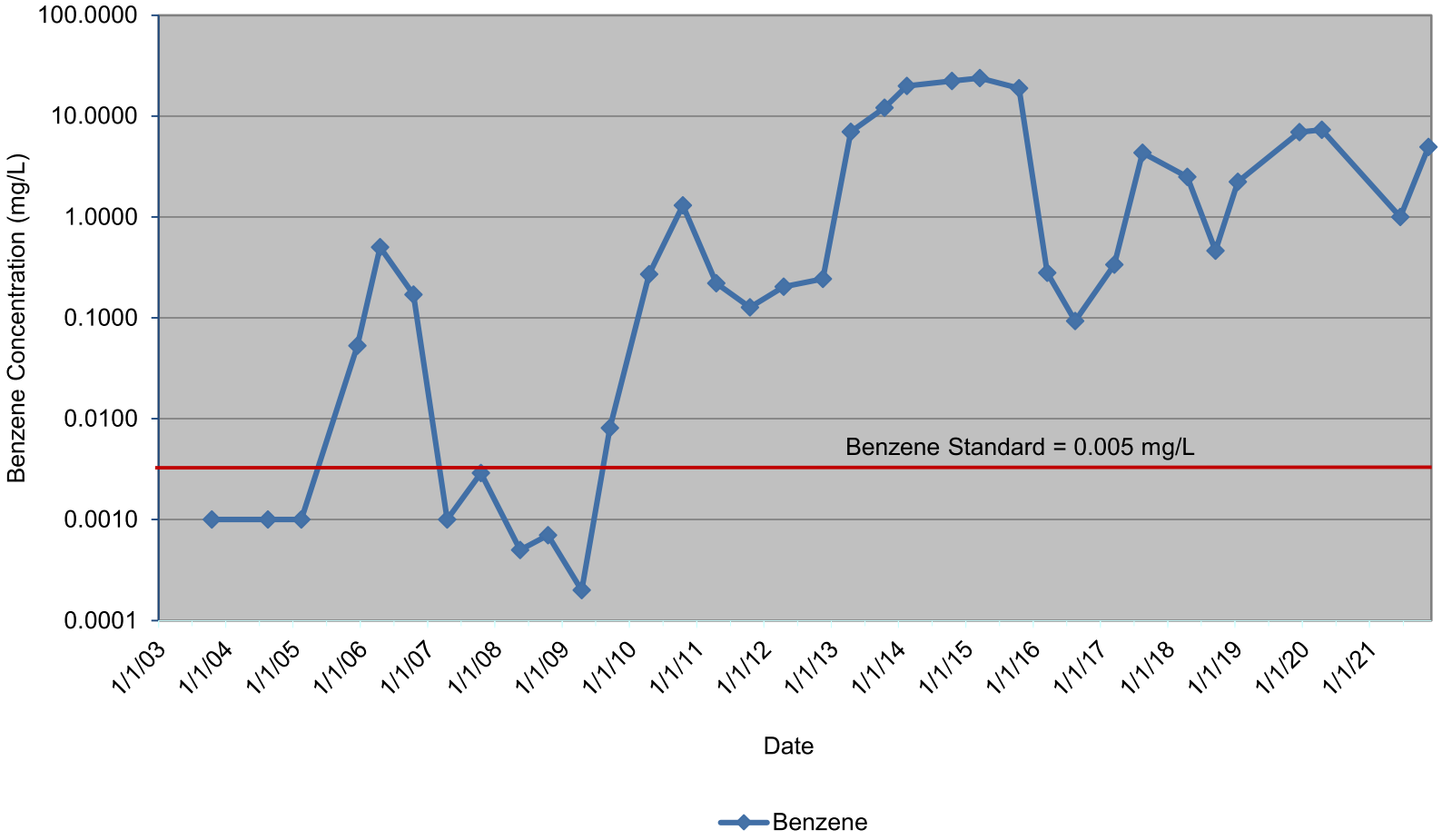
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-15



Chevron Enviromental Management Company
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-16



Chevron Enviromental Management Company
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-17



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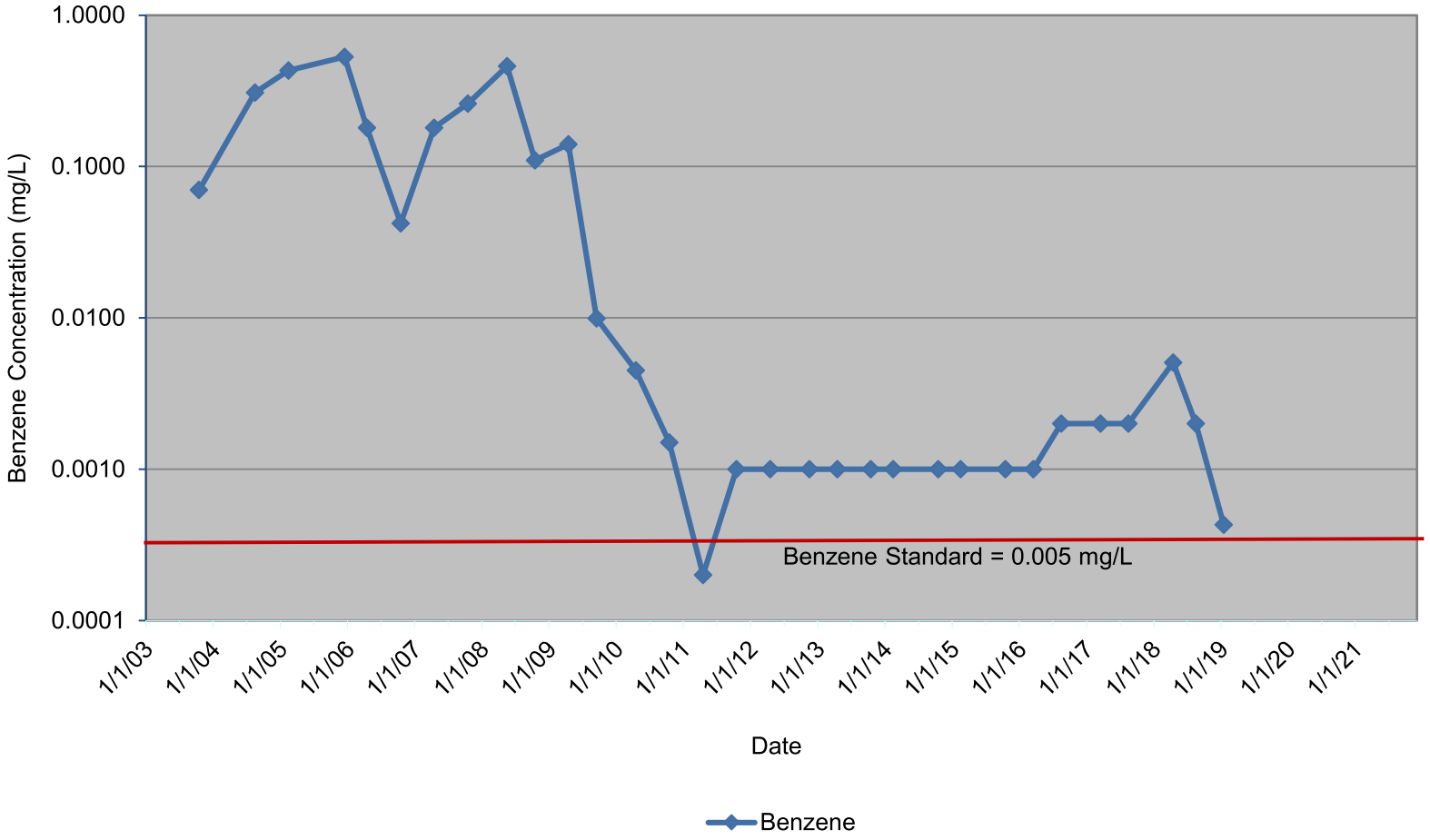
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-18



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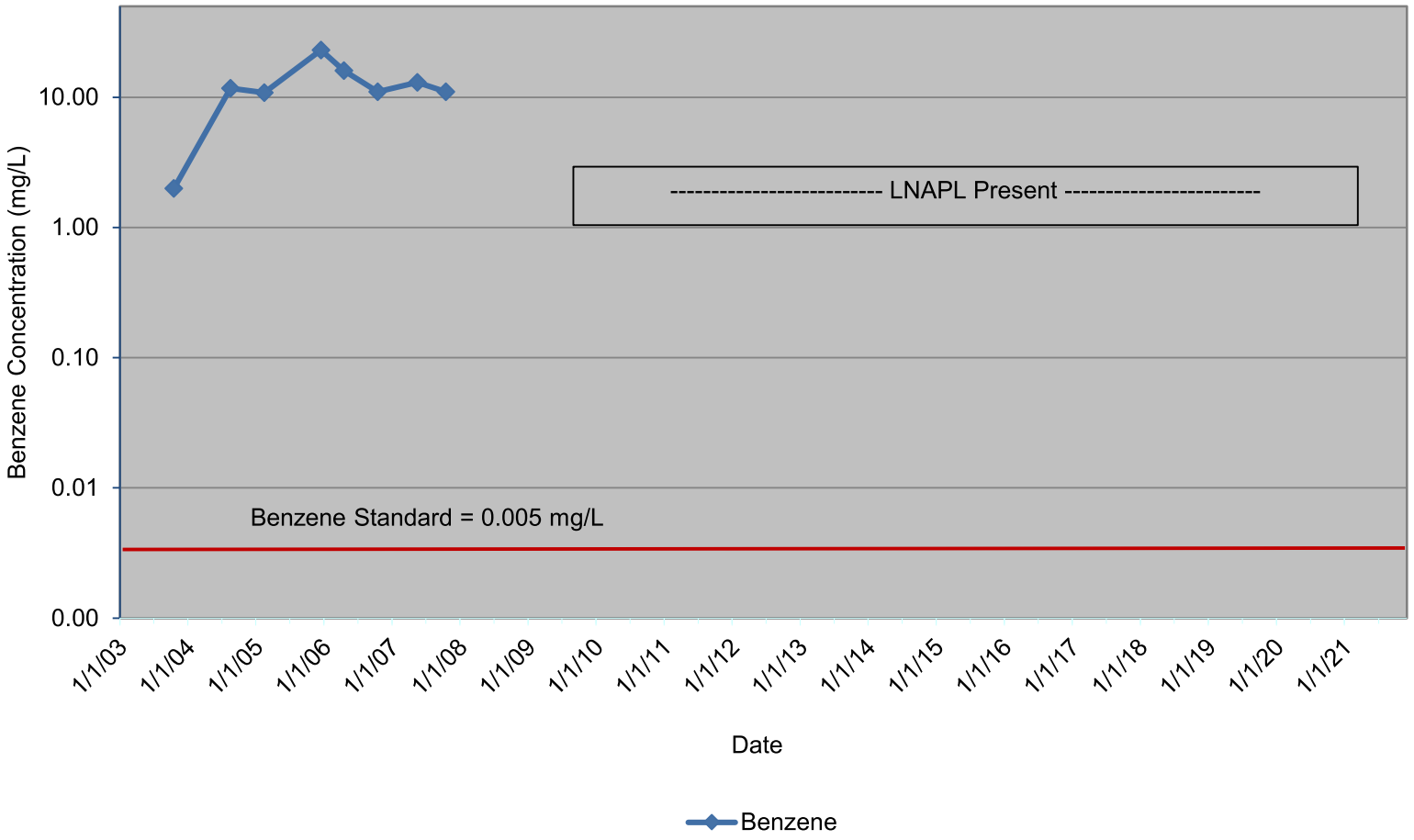
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-19



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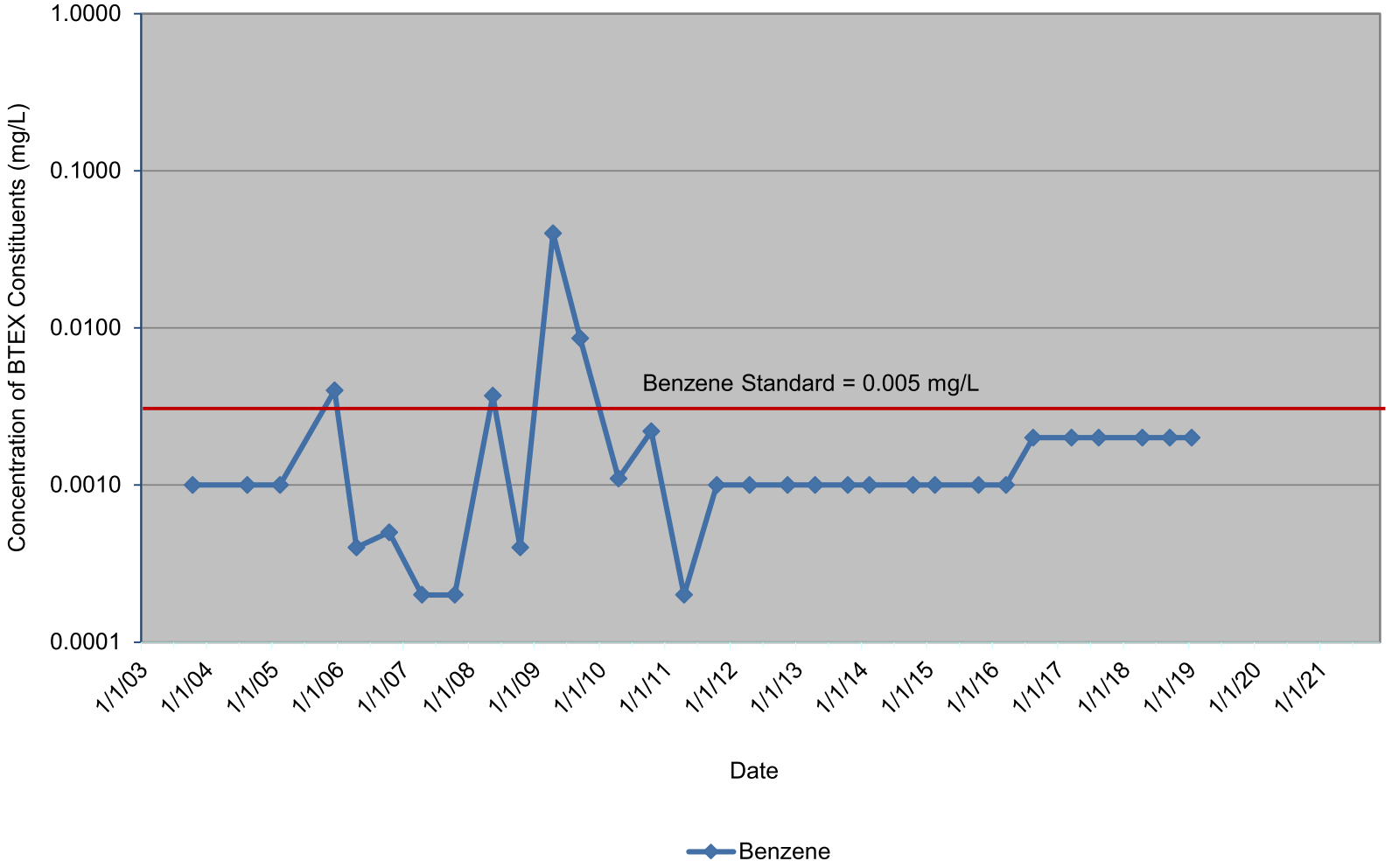
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-20



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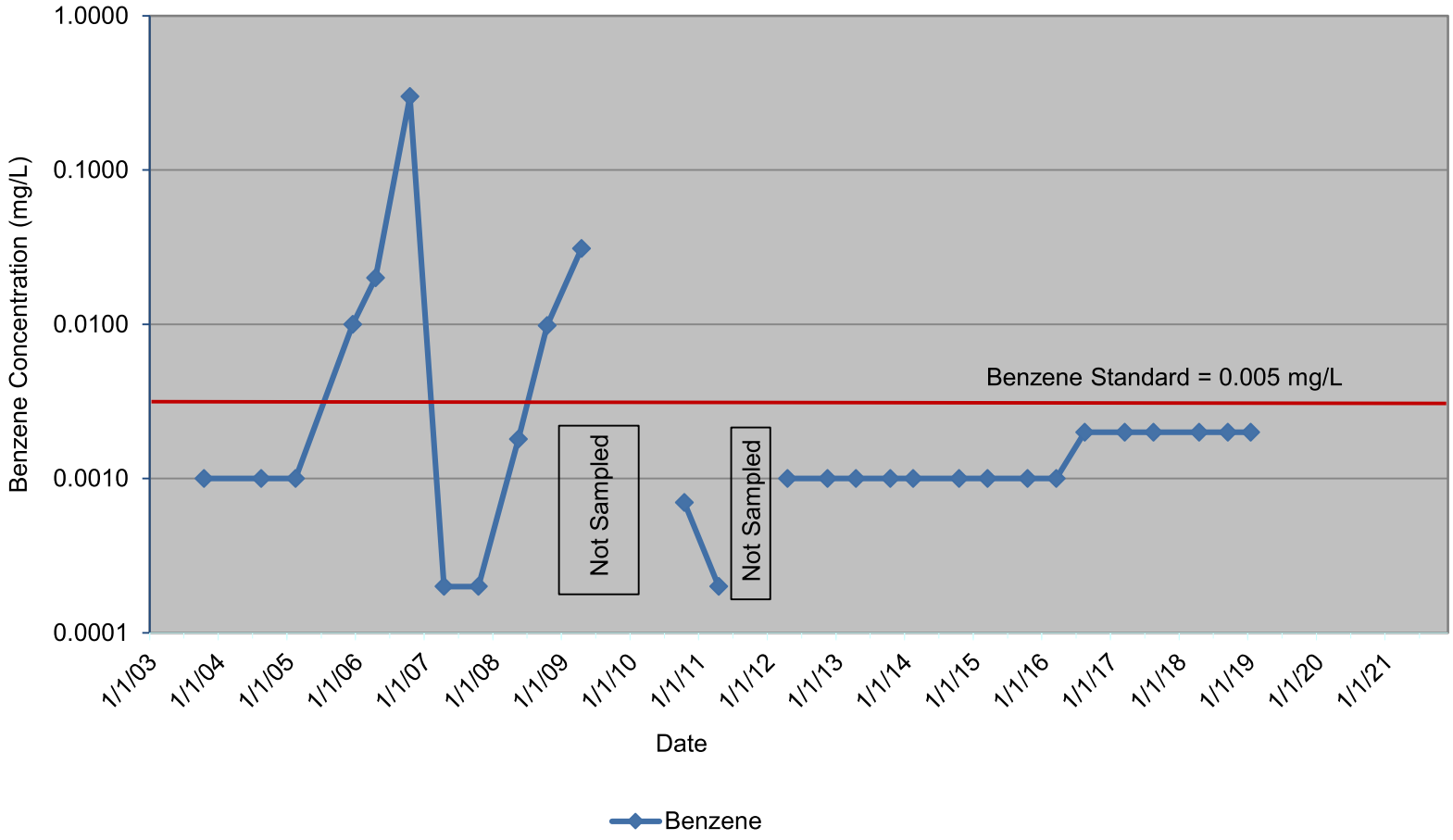
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-21



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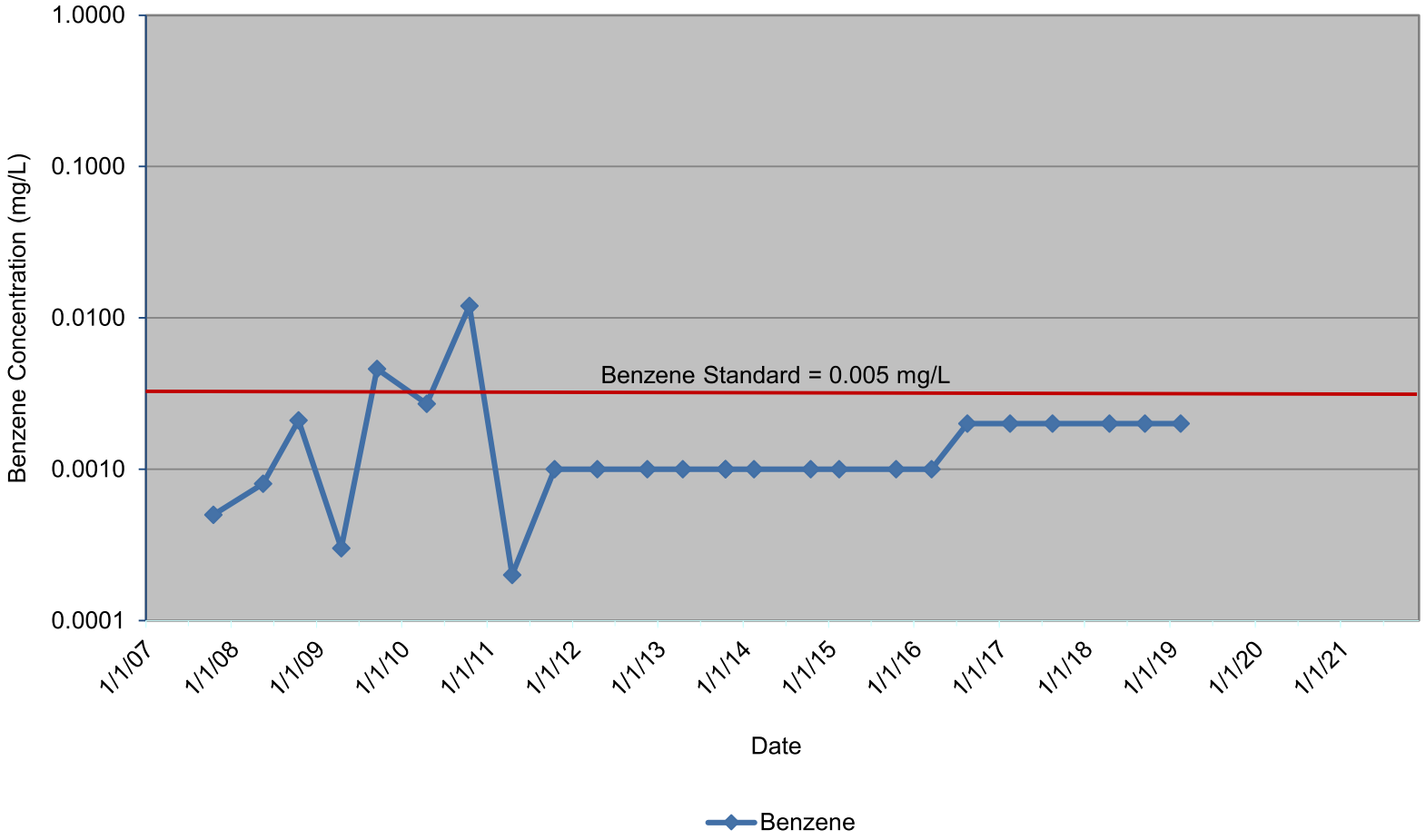
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-22



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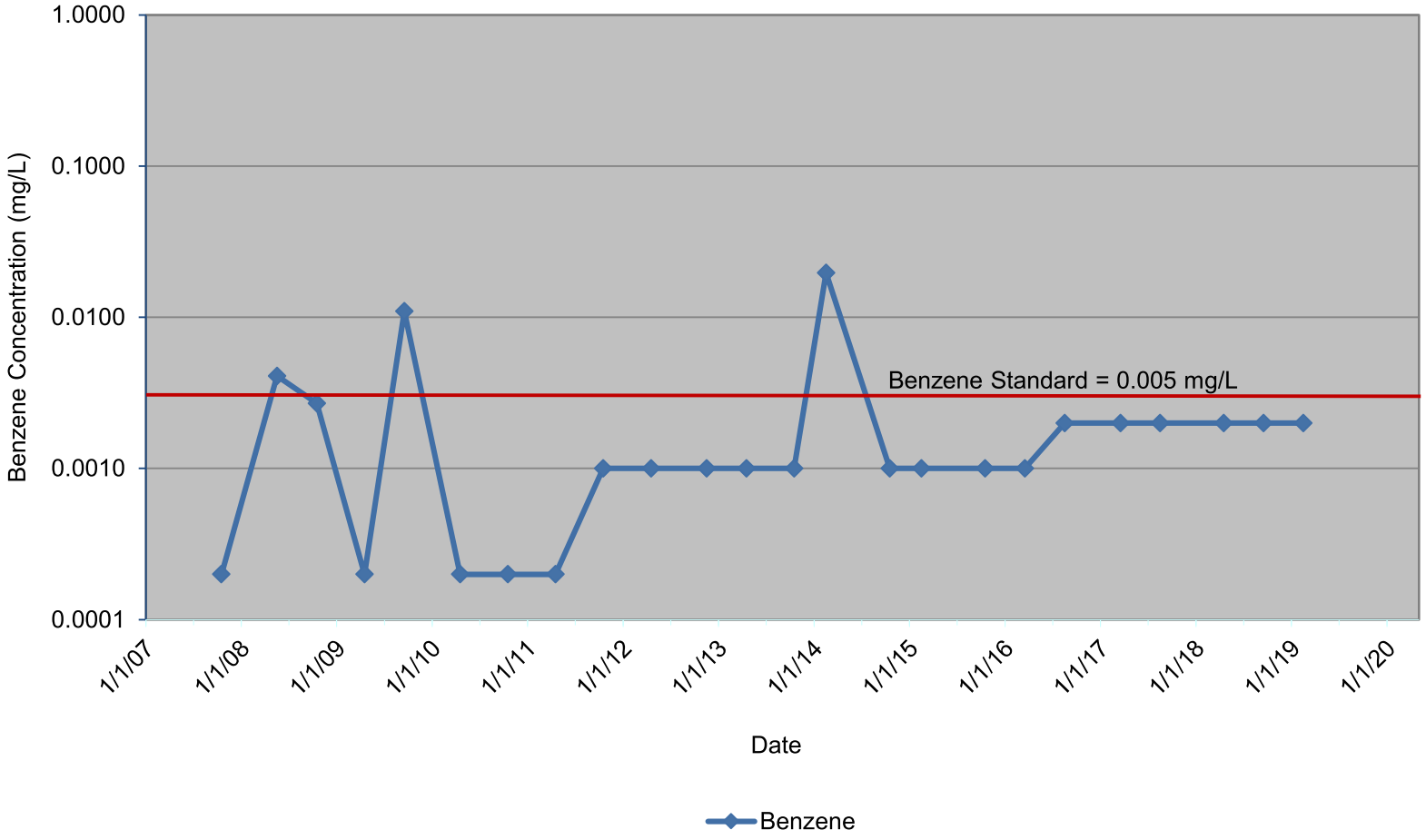
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-23



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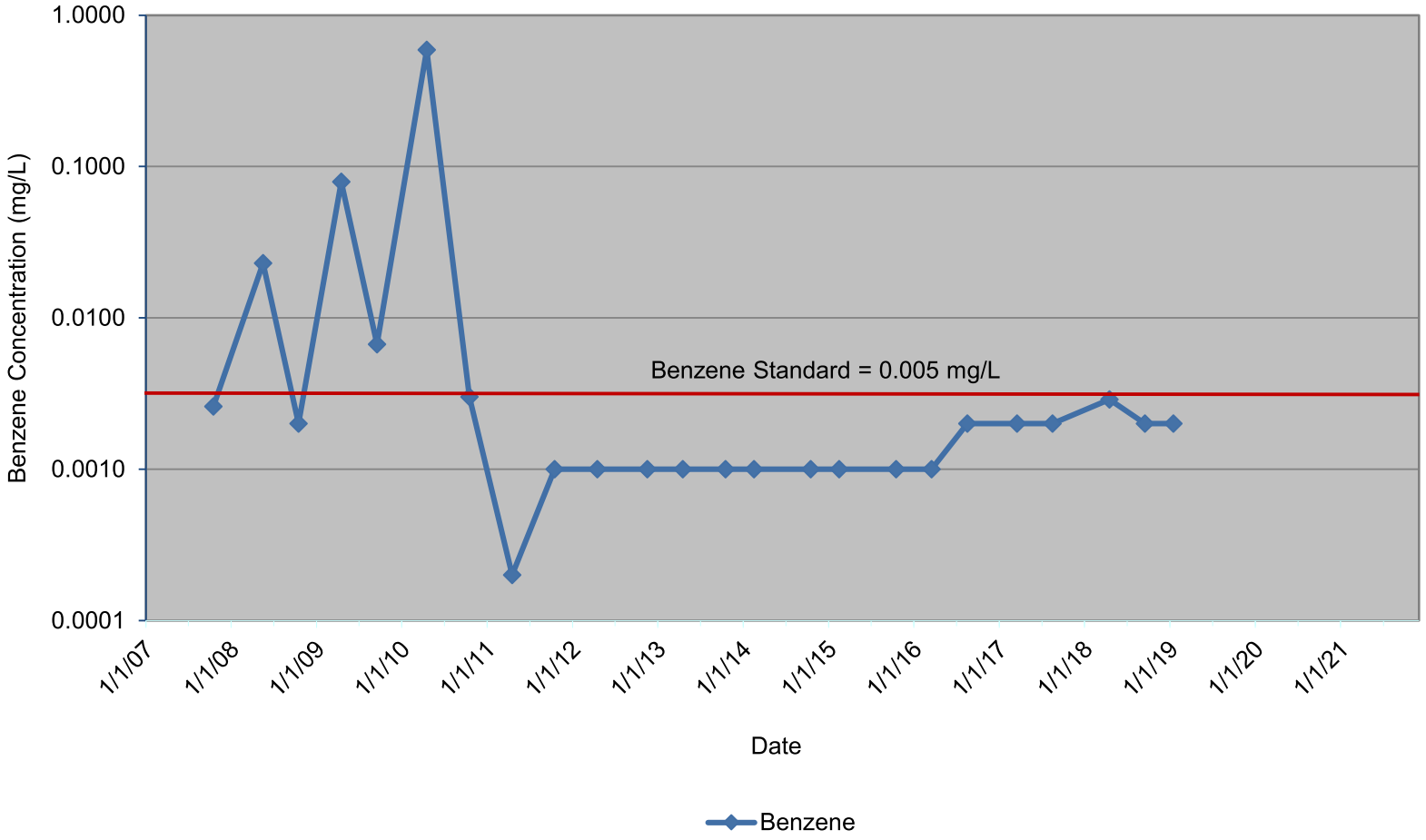
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-24



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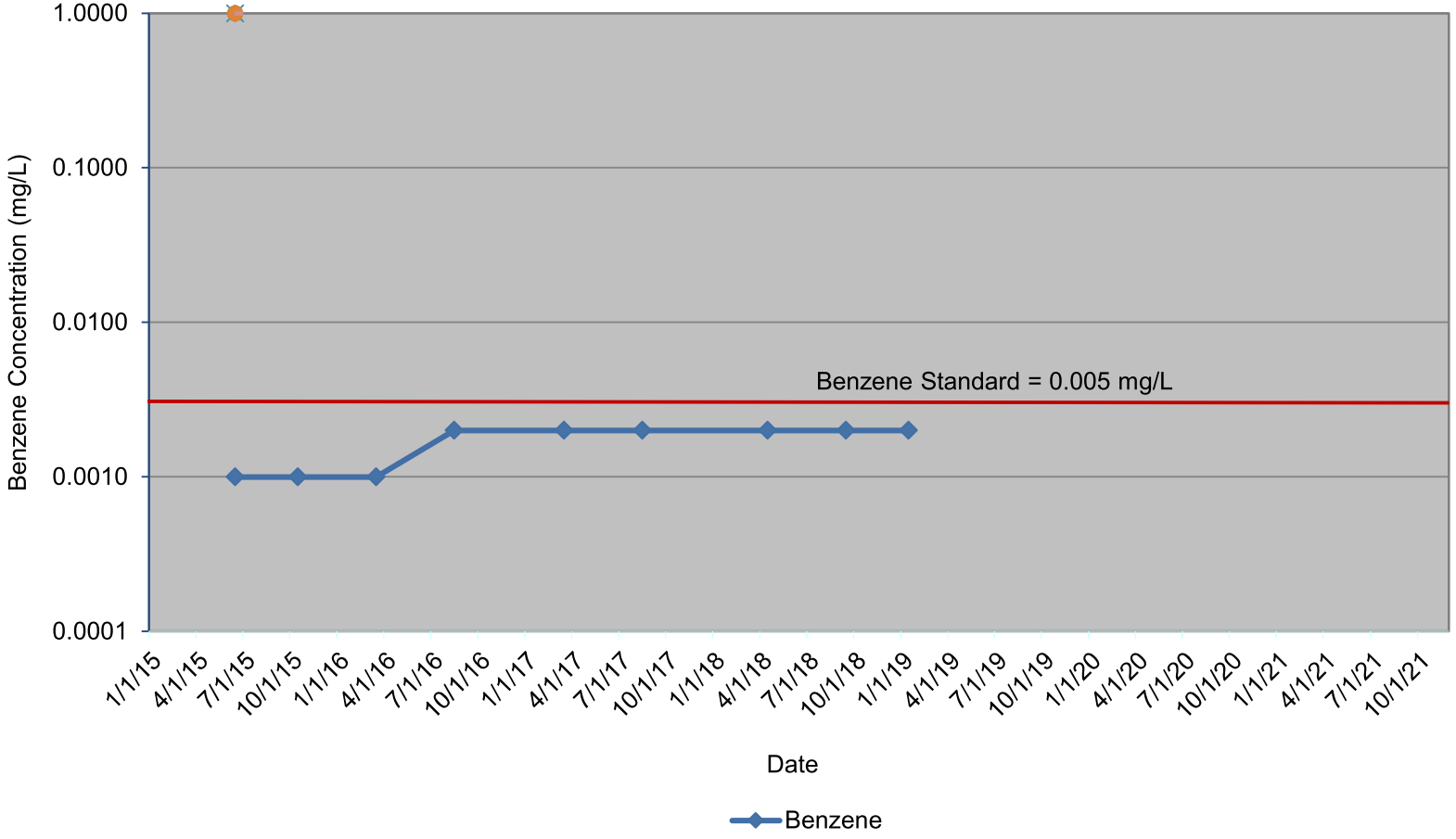
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-25



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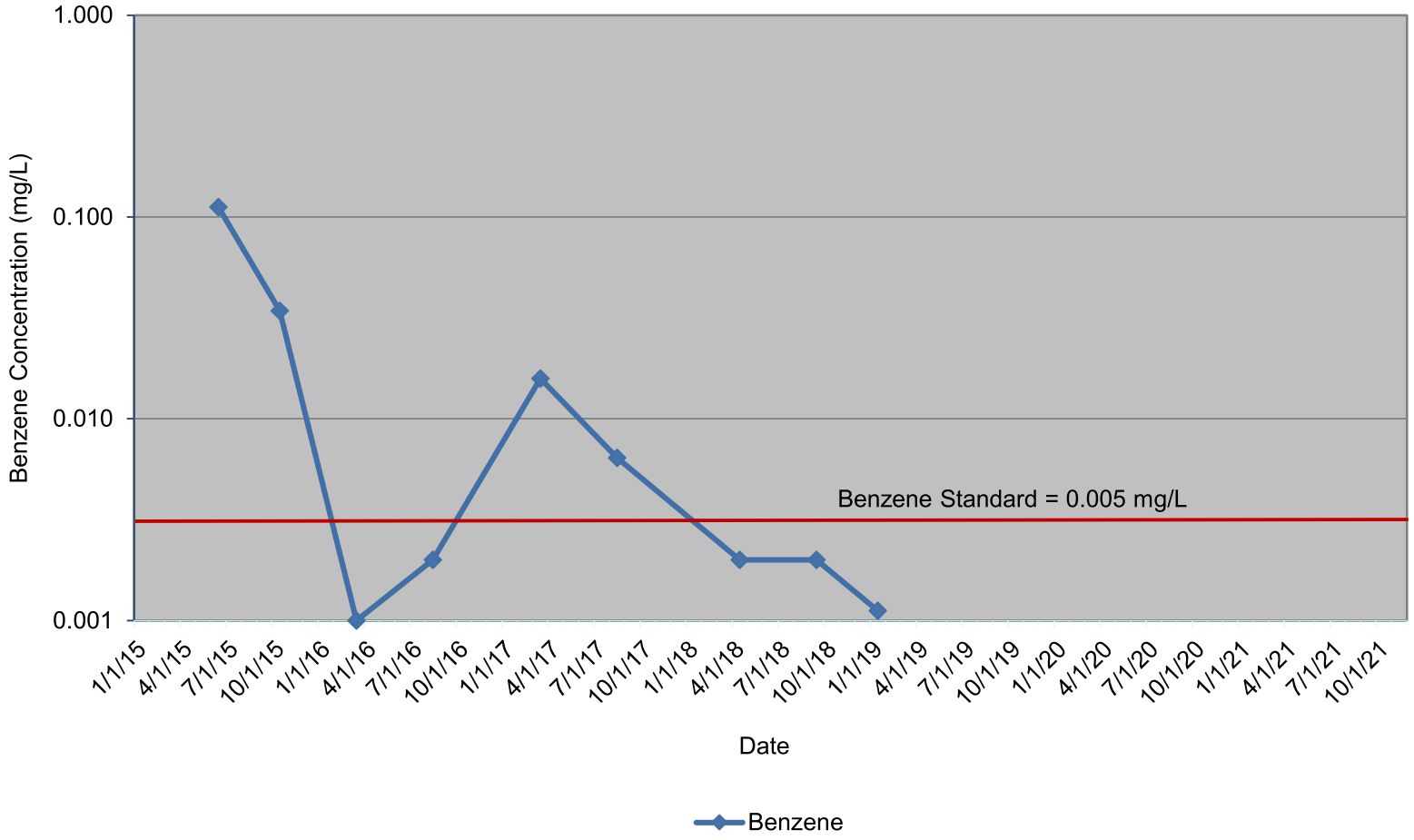
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
MW-26



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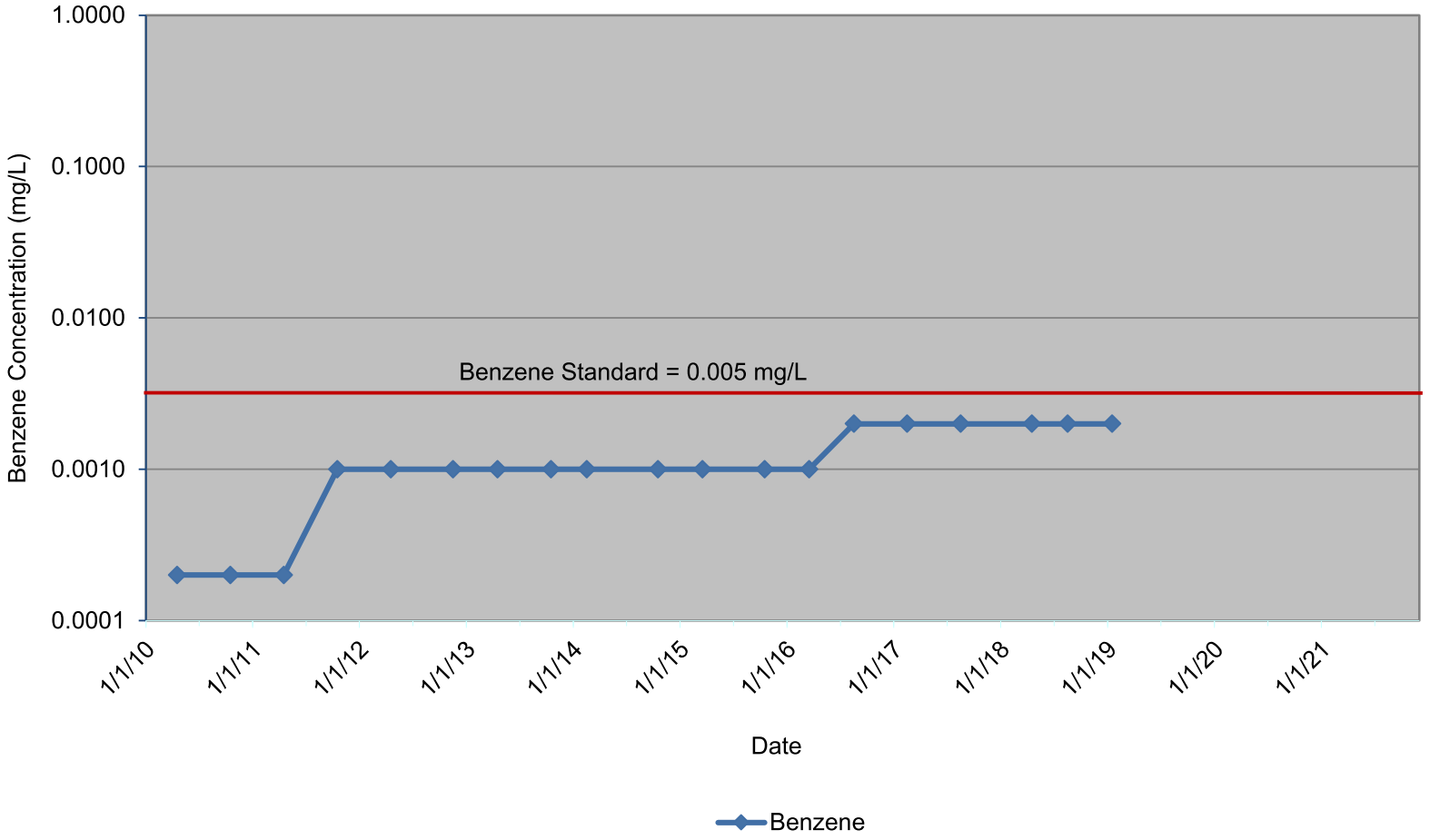
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
TW-11



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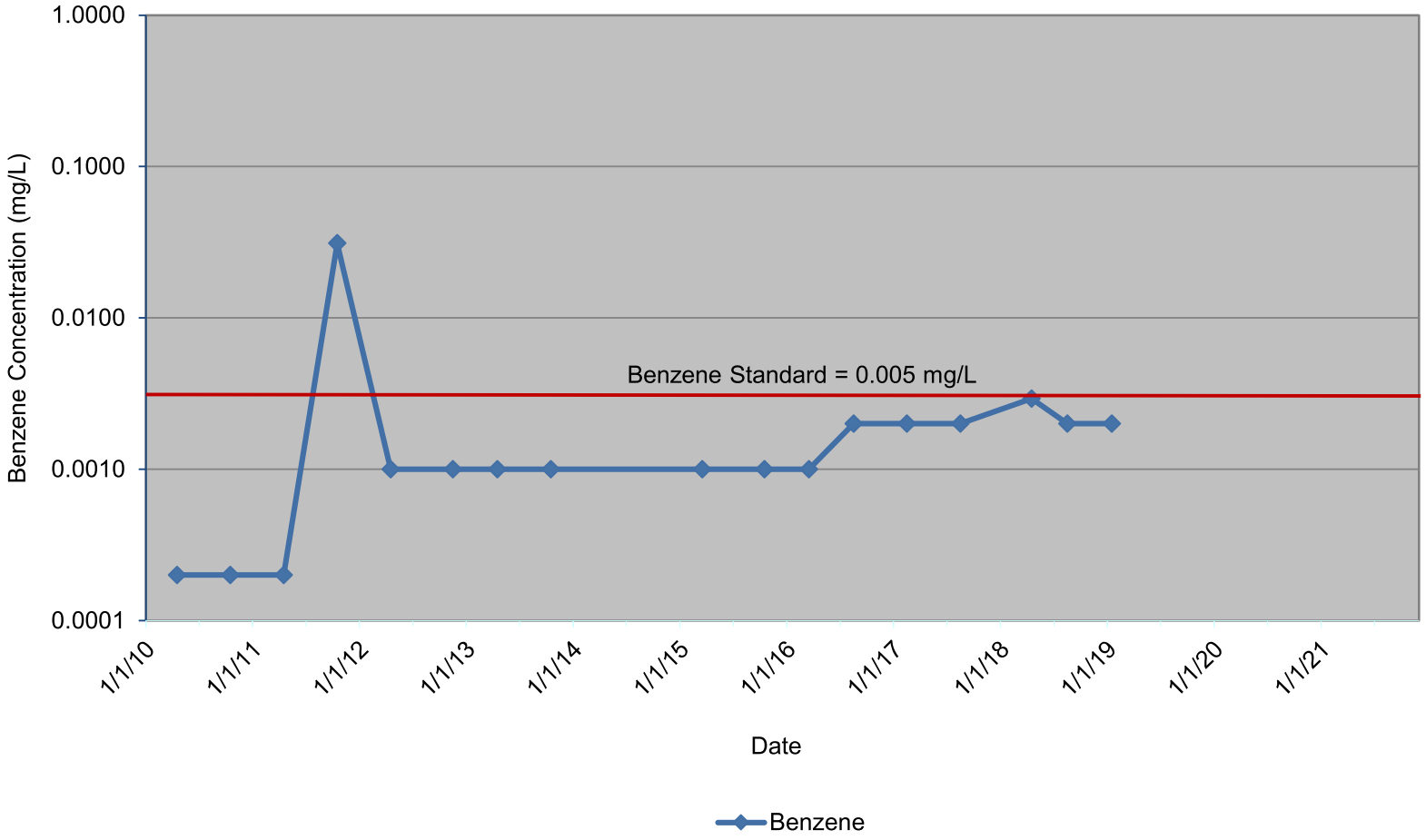
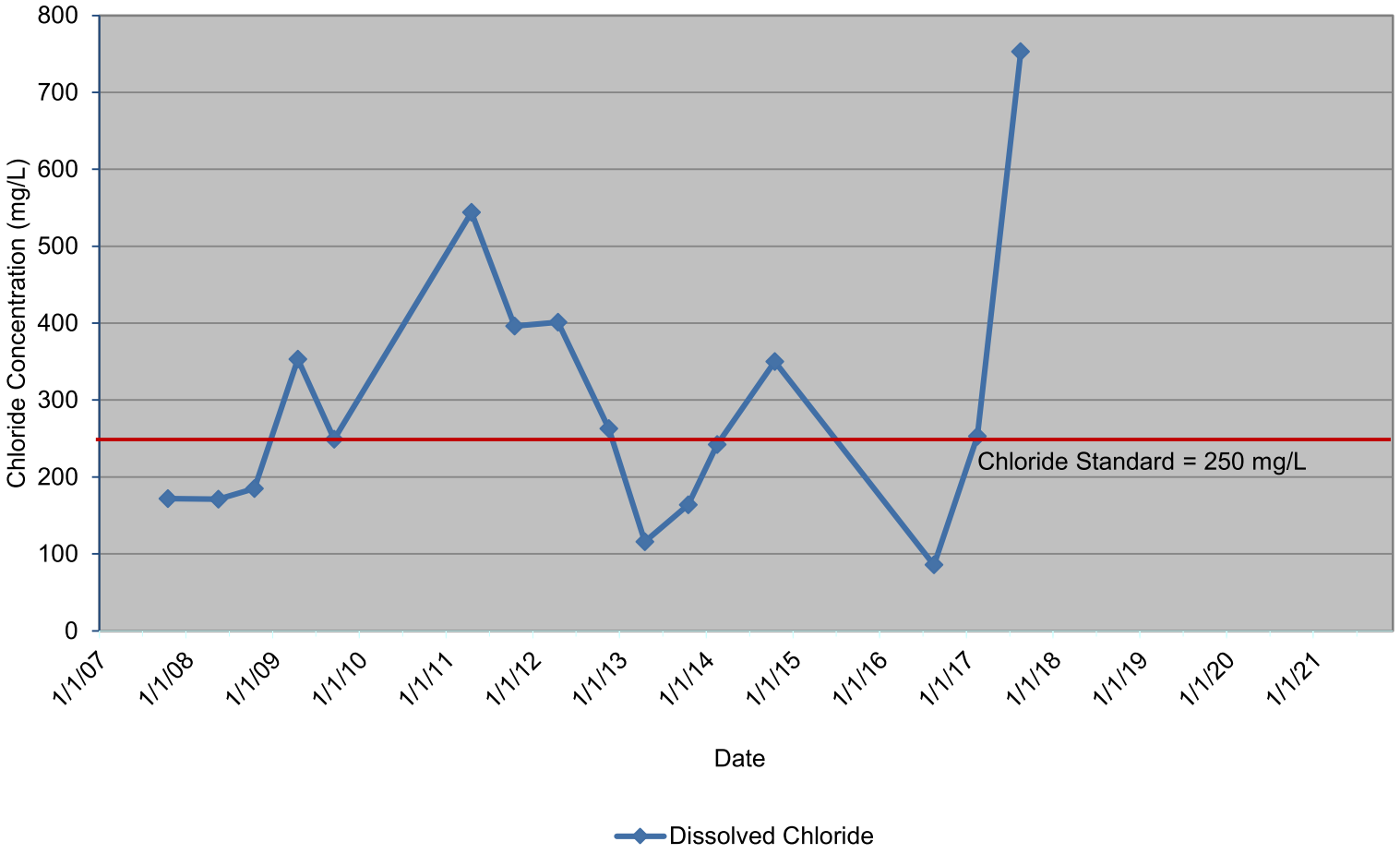
Buckeye Compressor Station
Lea County, NM
Benzene in Groundwater
TW-13



Chevron Enviromental Management Company
Buckeye Compressor Station
Lea County, NM
Chloride in Groundwater
MW-22



Appendix H

Analytical Reports

ANALYTICAL REPORT

June 23, 2021

Arcadis - Chevron - TX

Sample Delivery Group:	L1365423
Samples Received:	06/11/2021
Project Number:	30088252-0003B
Description:	Buckeye Compressor Station
Site:	BUCKEYE COMPRESSOR STATION
Report To:	Scott Foord 10205 Westheimer Road Suite 800 Houston, TX 77042

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

MW-21-W-210608 L1365423-01 GW

Collected by: Carlos Grajeda | Collected date/time: 06/08/21 14:30 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690382	1	06/17/21 13:33	06/17/21 13:33	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1687851	1	06/14/21 15:53	06/16/21 12:15	WCR	Mt. Juliet, TN

MW-5-W-210608 L1365423-02 GW

Collected by: Carlos Grajeda | Collected date/time: 06/08/21 15:00 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690382	1	06/17/21 13:55	06/17/21 13:55	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1687851	1	06/14/21 15:53	06/15/21 19:41	DMG	Mt. Juliet, TN

MW-15-W-210608 L1365423-03 GW

Collected by: Carlos Grajeda | Collected date/time: 06/08/21 15:18 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690382	1	06/17/21 14:17	06/17/21 14:17	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1687851	1	06/14/21 15:53	06/15/21 20:02	DMG	Mt. Juliet, TN

MW-16-W-210608 L1365423-04 GW

Collected by: Carlos Grajeda | Collected date/time: 06/08/21 15:33 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690382	1	06/17/21 14:39	06/17/21 14:39	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1687851	1	06/14/21 15:53	06/16/21 10:14	WCR	Mt. Juliet, TN

MW-22-W-210608 L1365423-05 GW

Collected by: Carlos Grajeda | Collected date/time: 06/08/21 15:55 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1687468	1	06/12/21 10:23	06/12/21 13:36	MMF	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1692920	1	06/22/21 16:26	06/22/21 16:26	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690382	1	06/17/21 15:00	06/17/21 15:00	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1687851	1	06/14/21 15:53	06/16/21 09:53	WCR	Mt. Juliet, TN

MW-17-W-210608 L1365423-06 GW

Collected by: Carlos Grajeda | Collected date/time: 06/08/21 16:18 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690382	1	06/17/21 15:22	06/17/21 15:22	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021	WG1692798	10	06/22/21 13:24	06/22/21 13:24	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1687851	1	06/14/21 15:53	06/15/21 21:03	DMG	Mt. Juliet, TN

TW-11-W-210608 L1365423-07 GW

Collected by: Carlos Grajeda | Collected date/time: 06/08/21 16:29 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690382	1	06/17/21 15:44	06/17/21 15:44	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021	WG1692798	1	06/22/21 13:45	06/22/21 13:45	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1687851	1	06/14/21 15:53	06/15/21 21:23	DMG	Mt. Juliet, TN

MW-12-W-210608 L1365423-08 GW

Collected by: Carlos Grajeda | Collected date/time: 06/08/21 16:58 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690382	1	06/17/21 16:06	06/17/21 16:06	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021	WG1692798	1	06/22/21 14:07	06/22/21 14:07	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1687851	1	06/14/21 15:53	06/15/21 21:43	DMG	Mt. Juliet, TN

MW-20-W-210608 L1365423-09 GW

Collected by: Carlos Grajeda | Collected date/time: 06/08/21 17:42 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690382	1	06/17/21 16:27	06/17/21 16:27	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1687851	1	06/14/21 15:53	06/15/21 22:03	DMG	Mt. Juliet, TN

MW-24-W-210608 L1365423-10 GW

Collected by: Carlos Grajeda | Collected date/time: 06/08/21 17:55 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690382	1	06/17/21 16:49	06/17/21 16:49	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1687851	1	06/14/21 15:53	06/16/21 11:55	WCR	Mt. Juliet, TN

MW-10-W-210609 L1365423-11 GW

Collected by: Carlos Grajeda | Collected date/time: 06/09/21 11:39 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690382	1	06/17/21 17:11	06/17/21 17:11	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1688281	1	06/15/21 01:36	06/15/21 19:30	WCR	Mt. Juliet, TN

MW-25-W-210609 L1365423-12 GW

Collected by: Carlos Grajeda | Collected date/time: 06/09/21 12:03 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690382	1	06/17/21 17:33	06/17/21 17:33	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1688281	1	06/15/21 01:36	06/15/21 13:44	WCR	Mt. Juliet, TN

MW-26-W-210609 L1365423-13 GW

Collected by: Carlos Grajeda | Collected date/time: 06/09/21 12:20 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690382	1	06/17/21 17:54	06/17/21 17:54	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1688281	1	06/15/21 01:36	06/15/21 14:04	WCR	Mt. Juliet, TN

MW-13-W-210609 L1365423-14 GW

Collected by: Carlos Grajeda | Collected date/time: 06/09/21 12:30 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690382	1	06/17/21 18:16	06/17/21 18:16	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1688281	1	06/15/21 01:36	06/15/21 14:24	WCR	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

MW-14-W-210609 L1365423-15 GW

Collected by: Carlos Grajeda | Collected date/time: 06/09/21 12:40 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690382	1	06/17/21 18:38	06/17/21 18:38	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1688285	1	06/16/21 09:46	06/16/21 18:47	WCR	Mt. Juliet, TN

MW-4-W-210609 L1365423-16 GW

Collected by: Carlos Grajeda | Collected date/time: 06/09/21 12:53 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015	WG1692798	50	06/22/21 14:28	06/22/21 14:28	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021	WG1690382	1	06/17/21 18:59	06/17/21 18:59	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021	WG1693346	500	06/23/21 04:58	06/23/21 04:58	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1688281	1	06/15/21 01:36	06/15/21 15:04	WCR	Mt. Juliet, TN

MW-18-W-210609 L1365423-17 GW

Collected by: Carlos Grajeda | Collected date/time: 06/09/21 13:03 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1692798	1	06/22/21 16:17	06/22/21 16:17	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021	WG1690382	1	06/17/21 19:21	06/17/21 19:21	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1688281	1	06/15/21 01:36	06/15/21 15:24	WCR	Mt. Juliet, TN

TW-13-W-210609 L1365423-18 GW

Collected by: Carlos Grajeda | Collected date/time: 06/09/21 13:12 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690932	1	06/18/21 19:24	06/18/21 19:24	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1688281	1	06/15/21 01:36	06/15/21 15:45	WCR	Mt. Juliet, TN

MW-1-W-210609 L1365423-19 GW

Collected by: Carlos Grajeda | Collected date/time: 06/09/21 13:52 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690932	1	06/18/21 19:47	06/18/21 19:47	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1688281	1	06/15/21 01:36	06/15/21 16:05	WCR	Mt. Juliet, TN

MW-1D-W-210609 L1365423-20 GW

Collected by: Carlos Grajeda | Collected date/time: 06/09/21 00:00 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690932	1	06/18/21 20:11	06/18/21 20:11	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1688281	1	06/15/21 01:36	06/15/21 16:25	WCR	Mt. Juliet, TN

MW-2-W-210609 L1365423-21 GW

Collected by: Carlos Grajeda | Collected date/time: 06/09/21 14:05 | Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690932	1	06/18/21 20:35	06/18/21 20:35	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1688281	1	06/15/21 01:36	06/15/21 16:45	WCR	Mt. Juliet, TN

MW-6-W-210609 L1365423-22 GW

Collected by: Carlos Grajeda
Collected date/time: 06/09/21 14:22
Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690932	1	06/18/21 20:59	06/18/21 20:59	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1688281	1	06/15/21 01:36	06/15/21 20:30	WCR	Mt. Juliet, TN

MW-7-W-210609 L1365423-23 GW

Collected by: Carlos Grajeda
Collected date/time: 06/09/21 14:31
Received date/time: 06/11/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1690932	1	06/18/21 21:23	06/18/21 21:23	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1688281	1	06/15/21 01:36	06/15/21 20:10	WCR	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Lab Sample ID	Project Sample ID	Method
L1365423-11	MW-10-W-210609	8015M, 8015/8021

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	06/17/2021 13:33	WG1690382
Toluene	U		0.000412	0.00100	0.00100	1	06/17/2021 13:33	WG1690382
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/17/2021 13:33	WG1690382
Total Xylene	U		0.000510	0.00150	0.00150	1	06/17/2021 13:33	WG1690382
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	06/17/2021 13:33	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*102*				*78.0-120*		*06/17/2021 13:33*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*107*				*79.0-125*		*06/17/2021 13:33*	WG1690382

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.107		0.0222	0.100	0.100	1	06/16/2021 12:15	WG1687851
(S) o-Terphenyl	*103*				*52.0-156*		*06/16/2021 12:15*	WG1687851

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	06/17/2021 13:55	WG1690382
Toluene	U		0.000412	0.00100	0.00100	1	06/17/2021 13:55	WG1690382
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/17/2021 13:55	WG1690382
Total Xylene	U		0.000510	0.00150	0.00150	1	06/17/2021 13:55	WG1690382
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	06/17/2021 13:55	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*102*				*78.0-120*		*06/17/2021 13:55*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*107*				*79.0-125*		*06/17/2021 13:55*	WG1690382

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.223		0.0222	0.100	0.100	1	06/15/2021 19:41	WG1687851
(S) o-Terphenyl	*92.6*				*52.0-156*		*06/15/2021 19:41*	WG1687851

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	06/17/2021 14:17	WG1690382
Toluene	U		0.000412	0.00100	0.00100	1	06/17/2021 14:17	WG1690382
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/17/2021 14:17	WG1690382
Total Xylene	U		0.000510	0.00150	0.00150	1	06/17/2021 14:17	WG1690382
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	06/17/2021 14:17	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*103*				*78.0-120*		*06/17/2021 14:17*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*107*				*79.0-125*		*06/17/2021 14:17*	WG1690382

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.154		0.0222	0.100	0.100	1	06/15/2021 20:02	WG1687851
(S) o-Terphenyl	*87.4*				*52.0-156*		*06/15/2021 20:02*	WG1687851

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	06/17/2021 14:39	WG1690382
Toluene	U		0.000412	0.00100	0.00100	1	06/17/2021 14:39	WG1690382
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/17/2021 14:39	WG1690382
Total Xylene	U		0.000510	0.00150	0.00150	1	06/17/2021 14:39	WG1690382
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	06/17/2021 14:39	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*103*				*78.0-120*		*06/17/2021 14:39*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*107*				*79.0-125*		*06/17/2021 14:39*	WG1690382

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.0921	J	0.0222	0.100	0.100	1	06/16/2021 10:14	WG1687851
(S) o-Terphenyl	*86.3*				*52.0-156*		*06/16/2021 10:14*	WG1687851

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Dissolved Solids	324		10.0	10.0	1	06/12/2021 13:36	WG1687468

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	38.6		0.379	1.00	1.00	1	06/22/2021 16:26	WG1692920

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	06/17/2021 15:00	WG1690382
Toluene	U		0.000412	0.00100	0.00100	1	06/17/2021 15:00	WG1690382
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/17/2021 15:00	WG1690382
Total Xylene	U		0.000510	0.00150	0.00150	1	06/17/2021 15:00	WG1690382
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	06/17/2021 15:00	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*103*				*78.0-120*		*06/17/2021 15:00*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*108*				*79.0-125*		*06/17/2021 15:00*	WG1690382

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.0958	J	0.0222	0.100	0.100	1	06/16/2021 09:53	WG1687851
(S) o-Terphenyl	*94.7*				*52.0-156*		*06/16/2021 09:53*	WG1687851

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	1.00		0.00190	0.000500	0.00500	10	06/22/2021 13:24	WG1692798
Toluene	U		0.000412	0.00100	0.00100	1	06/17/2021 15:22	WG1690382
Ethylbenzene	0.000363	J	0.000160	0.000500	0.000500	1	06/17/2021 15:22	WG1690382
Total Xylene	U		0.000510	0.00150	0.00150	1	06/17/2021 15:22	WG1690382
TPH (GC/FID) Low Fraction	1.71		0.0314	0.100	0.100	1	06/17/2021 15:22	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*97.3*				*78.0-120*		*06/17/2021 15:22*	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*97.3*				*78.0-120*		*06/22/2021 13:24*	WG1692798
(S) a,a,a-Trifluorotoluene(PID)	*103*				*79.0-125*		*06/17/2021 15:22*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*102*				*79.0-125*		*06/22/2021 13:24*	WG1692798

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	0.147		0.0222	0.100	0.100	1	06/15/2021 21:03	WG1687851
(S) o-Terphenyl	*101*				*52.0-156*		*06/15/2021 21:03*	WG1687851

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000231	J	0.000190	0.000500	0.000500	1	06/22/2021 13:45	WG1692798
Toluene	U		0.000412	0.00100	0.00100	1	06/17/2021 15:44	WG1690382
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/17/2021 15:44	WG1690382
Total Xylene	U		0.000510	0.00150	0.00150	1	06/17/2021 15:44	WG1690382
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	06/17/2021 15:44	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*102*				*78.0-120*		*06/17/2021 15:44*	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*98.2*				*78.0-120*		*06/22/2021 13:45*	WG1692798
(S) a,a,a-Trifluorotoluene(PID)	*106*				*79.0-125*		*06/17/2021 15:44*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*102*				*79.0-125*		*06/22/2021 13:45*	WG1692798

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	0.0653	J	0.0222	0.100	0.100	1	06/15/2021 21:23	WG1687851
(S) o-Terphenyl	*90.5*				*52.0-156*		*06/15/2021 21:23*	WG1687851

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	0.000500	1	06/22/2021 14:07	WG1692798
Toluene	U		0.000412	0.00100	0.00100	1	06/17/2021 16:06	WG1690382
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/17/2021 16:06	WG1690382
Total Xylene	U		0.000510	0.00150	0.00150	1	06/17/2021 16:06	WG1690382
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	06/17/2021 16:06	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*102*				*78.0-120*		*06/17/2021 16:06*	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*98.2*				*78.0-120*		*06/22/2021 14:07*	WG1692798
(S) a,a,a-Trifluorotoluene(PID)	*107*				*79.0-125*		*06/17/2021 16:06*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*102*				*79.0-125*		*06/22/2021 14:07*	WG1692798

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	0.0735	J	0.0222	0.100	0.100	1	06/15/2021 21:43	WG1687851
(S) o-Terphenyl	*81.1*				*52.0-156*		*06/15/2021 21:43*	WG1687851

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	06/17/2021 16:27	WG1690382
Toluene	U		0.000412	0.00100	0.00100	1	06/17/2021 16:27	WG1690382
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/17/2021 16:27	WG1690382
Total Xylene	U		0.000510	0.00150	0.00150	1	06/17/2021 16:27	WG1690382
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	06/17/2021 16:27	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*102*				*78.0-120*		*06/17/2021 16:27*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*107*				*79.0-125*		*06/17/2021 16:27*	WG1690382

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.124		0.0222	0.100	0.100	1	06/15/2021 22:03	WG1687851
(S) o-Terphenyl	*83.2*				*52.0-156*		*06/15/2021 22:03*	WG1687851

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	06/17/2021 16:49	WG1690382
Toluene	U		0.000412	0.00100	0.00100	1	06/17/2021 16:49	WG1690382
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/17/2021 16:49	WG1690382
Total Xylene	U		0.000510	0.00150	0.00150	1	06/17/2021 16:49	WG1690382
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	06/17/2021 16:49	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*103*				*78.0-120*		*06/17/2021 16:49*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*108*				*79.0-125*		*06/17/2021 16:49*	WG1690382

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.117		0.0222	0.100	0.100	1	06/16/2021 11:55	WG1687851
(S) o-Terphenyl	*97.4*				*52.0-156*		*06/16/2021 11:55*	WG1687851

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	0.000213	J	0.000190	0.000500	0.000500	1	06/17/2021 17:11	WG1690382
Toluene	U		0.000412	0.00100	0.00100	1	06/17/2021 17:11	WG1690382
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/17/2021 17:11	WG1690382
Total Xylene	U		0.000510	0.00150	0.00150	1	06/17/2021 17:11	WG1690382
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	06/17/2021 17:11	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*102*				*78.0-120*		*06/17/2021 17:11*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*107*				*79.0-125*		*06/17/2021 17:11*	WG1690382

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.445		0.0222	0.100	0.100	1	06/15/2021 19:30	WG1688281
(S) o-Terphenyl	*95.0*				*52.0-156*		*06/15/2021 19:30*	WG1688281

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	06/17/2021 17:33	WG1690382
Toluene	U		0.000412	0.00100	0.00100	1	06/17/2021 17:33	WG1690382
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/17/2021 17:33	WG1690382
Total Xylene	U		0.000510	0.00150	0.00150	1	06/17/2021 17:33	WG1690382
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	06/17/2021 17:33	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*102*				*78.0-120*		*06/17/2021 17:33*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*107*				*79.0-125*		*06/17/2021 17:33*	WG1690382

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.0851	J	0.0222	0.100	0.100	1	06/15/2021 13:44	WG1688281
(S) o-Terphenyl	*91.0*				*52.0-156*		*06/15/2021 13:44*	WG1688281

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	0.000500	1	06/17/2021 17:54	WG1690382
Toluene	U		0.000412	0.00100	0.00100	1	06/17/2021 17:54	WG1690382
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/17/2021 17:54	WG1690382
Total Xylene	U		0.000510	0.00150	0.00150	1	06/17/2021 17:54	WG1690382
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	06/17/2021 17:54	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*102*				*78.0-120*		*06/17/2021 17:54*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*107*				*79.0-125*		*06/17/2021 17:54*	WG1690382

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	0.0558	J	0.0222	0.100	0.100	1	06/15/2021 14:04	WG1688281
(S) o-Terphenyl	*88.0*				*52.0-156*		*06/15/2021 14:04*	WG1688281

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	06/17/2021 18:16	WG1690382
Toluene	U		0.000412	0.00100	0.00100	1	06/17/2021 18:16	WG1690382
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/17/2021 18:16	WG1690382
Total Xylene	U		0.000510	0.00150	0.00150	1	06/17/2021 18:16	WG1690382
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	06/17/2021 18:16	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*102*				*78.0-120*		*06/17/2021 18:16*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*107*				*79.0-125*		*06/17/2021 18:16*	WG1690382

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.355		0.0222	0.100	0.100	1	06/15/2021 14:24	WG1688281
(S) o-Terphenyl	*92.5*				*52.0-156*		*06/15/2021 14:24*	WG1688281

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	06/17/2021 18:38	WG1690382
Toluene	U		0.000412	0.00100	0.00100	1	06/17/2021 18:38	WG1690382
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/17/2021 18:38	WG1690382
Total Xylene	0.000646	J	0.000510	0.00150	0.00150	1	06/17/2021 18:38	WG1690382
TPH (GC/FID) Low Fraction	0.410		0.0314	0.100	0.100	1	06/17/2021 18:38	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*100*				*78.0-120*		*06/17/2021 18:38*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*107*				*79.0-125*		*06/17/2021 18:38*	WG1690382

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.675		0.0222	0.100	0.100	1	06/16/2021 18:47	WG1688285
(S) o-Terphenyl	*95.8*				*52.0-156*		*06/16/2021 18:47*	WG1688285

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	11.4		0.0950	0.000500	0.250	500	06/23/2021 04:58	WG1693346
Toluene	0.000655	J	0.000412	0.00100	0.00100	1	06/17/2021 18:59	WG1690382
Ethylbenzene	0.00543		0.000160	0.000500	0.000500	1	06/17/2021 18:59	WG1690382
Total Xylene	0.00555		0.000510	0.00150	0.00150	1	06/17/2021 18:59	WG1690382
TPH (GC/FID) Low Fraction	31.9		1.57	0.100	5.00	50	06/22/2021 14:28	WG1692798
(S) a,a,a-Trifluorotoluene(FID)	*83.1*				*78.0-120*		*06/17/2021 18:59*	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*95.1*				*78.0-120*		*06/22/2021 14:28*	WG1692798
(S) a,a,a-Trifluorotoluene(FID)	*100*				*78.0-120*		*06/23/2021 04:58*	WG1693346
(S) a,a,a-Trifluorotoluene(PID)	*83.9*				*79.0-125*		*06/17/2021 18:59*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*99.8*				*79.0-125*		*06/22/2021 14:28*	WG1692798
(S) a,a,a-Trifluorotoluene(PID)	*105*				*79.0-125*		*06/23/2021 04:58*	WG1693346

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	0.618		0.0222	0.100	0.100	1	06/15/2021 15:04	WG1688281
(S) o-Terphenyl	*120*				*52.0-156*		*06/15/2021 15:04*	WG1688281

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	06/22/2021 16:17	WG1692798
Toluene	U		0.000412	0.00100	0.00100	1	06/17/2021 19:21	WG1690382
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/17/2021 19:21	WG1690382
Total Xylene	U		0.000510	0.00150	0.00150	1	06/17/2021 19:21	WG1690382
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	06/22/2021 16:17	WG1692798
(S) a,a,a-Trifluorotoluene(FID)	*101*				*78.0-120*		*06/17/2021 19:21*	WG1690382
(S) a,a,a-Trifluorotoluene(FID)	*98.0*				*78.0-120*		*06/22/2021 16:17*	WG1692798
(S) a,a,a-Trifluorotoluene(PID)	*106*				*79.0-125*		*06/17/2021 19:21*	WG1690382
(S) a,a,a-Trifluorotoluene(PID)	*102*				*79.0-125*		*06/22/2021 16:17*	WG1692798

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.254		0.0222	0.100	0.100	1	06/15/2021 15:24	WG1688281
(S) o-Terphenyl	*92.5*				*52.0-156*		*06/15/2021 15:24*	WG1688281

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	06/18/2021 19:24	WG1690932
Toluene	U		0.000412	0.00100	0.00100	1	06/18/2021 19:24	WG1690932
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/18/2021 19:24	WG1690932
Total Xylene	U		0.000510	0.00150	0.00150	1	06/18/2021 19:24	WG1690932
TPH (GC/FID) Low Fraction	0.0367	B J	0.0314	0.100	0.100	1	06/18/2021 19:24	WG1690932
(S) a,a,a-Trifluorotoluene(FID)	*99.9*				*78.0-120*		*06/18/2021 19:24*	WG1690932
(S) a,a,a-Trifluorotoluene(PID)	*103*				*79.0-125*		*06/18/2021 19:24*	WG1690932

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.181		0.0222	0.100	0.100	1	06/15/2021 15:45	WG1688281
(S) o-Terphenyl	*90.0*				*52.0-156*		*06/15/2021 15:45*	WG1688281

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0749		0.000190	0.000500	0.000500	1	06/18/2021 19:47	WG1690932
Toluene	U		0.000412	0.00100	0.00100	1	06/18/2021 19:47	WG1690932
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/18/2021 19:47	WG1690932
Total Xylene	U		0.000510	0.00150	0.00150	1	06/18/2021 19:47	WG1690932
TPH (GC/FID) Low Fraction	0.242	B	0.0314	0.100	0.100	1	06/18/2021 19:47	WG1690932
(S) a,a,a-Trifluorotoluene(FID)	*95.3*				*78.0-120*		*06/18/2021 19:47*	WG1690932
(S) a,a,a-Trifluorotoluene(PID)	*100*				*79.0-125*		*06/18/2021 19:47*	WG1690932

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	1.02		0.0222	0.100	0.100	1	06/15/2021 16:05	WG1688281
(S) o-Terphenyl	*98.0*				*52.0-156*		*06/15/2021 16:05*	WG1688281

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	0.0763		0.000190	0.000500	0.000500	1	06/18/2021 20:11	WG1690932
Toluene	U		0.000412	0.00100	0.00100	1	06/18/2021 20:11	WG1690932
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/18/2021 20:11	WG1690932
Total Xylene	U		0.000510	0.00150	0.00150	1	06/18/2021 20:11	WG1690932
TPH (GC/FID) Low Fraction	0.236	B	0.0314	0.100	0.100	1	06/18/2021 20:11	WG1690932
(S) a,a,a-Trifluorotoluene(FID)	*95.3*				*78.0-120*		*06/18/2021 20:11*	WG1690932
(S) a,a,a-Trifluorotoluene(PID)	*100*				*79.0-125*		*06/18/2021 20:11*	WG1690932

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.995		0.0222	0.100	0.100	1	06/15/2021 16:25	WG1688281
(S) o-Terphenyl	*91.5*				*52.0-156*		*06/15/2021 16:25*	WG1688281

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	0.00990		0.000190	0.000500	0.000500	1	06/18/2021 20:35	WG1690932
Toluene	U		0.000412	0.00100	0.00100	1	06/18/2021 20:35	WG1690932
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/18/2021 20:35	WG1690932
Total Xylene	U		0.000510	0.00150	0.00150	1	06/18/2021 20:35	WG1690932
TPH (GC/FID) Low Fraction	0.0727	B J	0.0314	0.100	0.100	1	06/18/2021 20:35	WG1690932
(S) a,a,a-Trifluorotoluene(FID)	*98.6*				*78.0-120*		*06/18/2021 20:35*	WG1690932
(S) a,a,a-Trifluorotoluene(PID)	*102*				*79.0-125*		*06/18/2021 20:35*	WG1690932

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.216		0.0222	0.100	0.100	1	06/15/2021 16:45	WG1688281
(S) o-Terphenyl	*96.5*				*52.0-156*		*06/15/2021 16:45*	WG1688281

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	0.000947		0.000190	0.000500	0.000500	1	06/18/2021 20:59	WG1690932
Toluene	U		0.000412	0.00100	0.00100	1	06/18/2021 20:59	WG1690932
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/18/2021 20:59	WG1690932
Total Xylene	U		0.000510	0.00150	0.00150	1	06/18/2021 20:59	WG1690932
TPH (GC/FID) Low Fraction	0.0374	B J	0.0314	0.100	0.100	1	06/18/2021 20:59	WG1690932
(S) a,a,a-Trifluorotoluene(FID)	*99.7*				*78.0-120*		*06/18/2021 20:59*	WG1690932
(S) a,a,a-Trifluorotoluene(PID)	*103*				*79.0-125*		*06/18/2021 20:59*	WG1690932

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.342		0.0222	0.100	0.100	1	06/15/2021 20:30	WG1688281
(S) o-Terphenyl	*85.5*				*52.0-156*		*06/15/2021 20:30*	WG1688281

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	06/18/2021 21:23	WG1690932
Toluene	U		0.000412	0.00100	0.00100	1	06/18/2021 21:23	WG1690932
Ethylbenzene	U		0.000160	0.000500	0.000500	1	06/18/2021 21:23	WG1690932
Total Xylene	U		0.000510	0.00150	0.00150	1	06/18/2021 21:23	WG1690932
TPH (GC/FID) Low Fraction	0.0388	B J	0.0314	0.100	0.100	1	06/18/2021 21:23	WG1690932
(S) a,a,a-Trifluorotoluene(FID)	*100*				*78.0-120*		*06/18/2021 21:23*	WG1690932
(S) a,a,a-Trifluorotoluene(PID)	*104*				*79.0-125*		*06/18/2021 21:23*	WG1690932

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
C10-C28 Diesel Range	0.0629	J	0.0222	0.100	0.100	1	06/15/2021 20:10	WG1688281
(S) o-Terphenyl	*52.5*				*52.0-156*		*06/15/2021 20:10*	WG1688281

Method Blank (MB)

(MB) R3667136-1 06/12/21 13:36

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1356073-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1356073-01 06/12/21 13:36 • (DUP) R3667136-3 06/12/21 13:36

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	340	337	1	0.886		5

L1364029-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1364029-09 06/12/21 13:36 • (DUP) R3667136-4 06/12/21 13:36

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1120	1120	1	0.000		5

Laboratory Control Sample (LCS)

(LCS) R3667136-2 06/12/21 13:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8530	96.9	77.4-123	

Method Blank (MB)

(MB) R3670746-1 06/22/21 10:08

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00

L1361592-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1361592-04 06/22/21 12:26 • (DUP) R3670746-4 06/22/21 13:57

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	10	0.000		20

L1365319-33 Original Sample (OS) • Duplicate (DUP)

(OS) L1365319-33 06/22/21 16:00 • (DUP) R3670746-6 06/22/21 16:13

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	158	156	5	1.42		20

Laboratory Control Sample (LCS)

(LCS) R3670746-2 06/22/21 10:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	40.6	102	90.0-110	

L1364864-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1364864-09 06/22/21 13:31 • (MS) R3670746-3 06/22/21 13:44 • (MSD) R3670746-5 06/22/21 14:35

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	0.459	51.0	51.0	101	101	1	80.0-120			0.0671	20

L1365423-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1365423-05 06/22/21 16:26 • (MS) R3670746-7 06/22/21 16:39

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	38.6	88.4	99.5	1	80.0-120	

Method Blank (MB)

(MB) R3670078-3 06/17/21 11:55

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000190	0.000500
Toluene	U		0.000412	0.00100
Ethylbenzene	U		0.000160	0.000500
Total Xylene	U		0.000510	0.00150
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*
(S) a,a,a-Trifluorotoluene(PID)	*106*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R3670078-1 06/17/21 10:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0559	112	77.0-122	
Toluene	0.0500	0.0513	103	80.0-121	
Ethylbenzene	0.0500	0.0513	103	80.0-123	
Total Xylene	0.150	0.152	101	47.0-154	
(S) a,a,a-Trifluorotoluene(FID)			*102*	*78.0-120*	
(S) a,a,a-Trifluorotoluene(PID)			*107*	*79.0-125*	

Laboratory Control Sample (LCS)

(LCS) R3670078-2 06/17/21 11:11

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.03	91.5	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*112*	*78.0-120*	
(S) a,a,a-Trifluorotoluene(PID)			*120*	*79.0-125*	

Method Blank (MB)

(MB) R3669849-3 06/18/21 14:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000190	0.000500
Toluene	U		0.000412	0.00100
Ethylbenzene	U		0.000160	0.000500
Total Xylene	U		0.000510	0.00150
TPH (GC/FID) Low Fraction	0.0370	J	0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*
(S) a,a,a-Trifluorotoluene(PID)	*106*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R3669849-1 06/18/21 13:02

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0505	101	77.0-122	
Toluene	0.0500	0.0458	91.6	80.0-121	
Ethylbenzene	0.0500	0.0464	92.8	80.0-123	
Total Xylene	0.150	0.162	108	47.0-154	
(S) a,a,a-Trifluorotoluene(FID)			*100*	*78.0-120*	
(S) a,a,a-Trifluorotoluene(PID)			*101*	*79.0-125*	

Laboratory Control Sample (LCS)

(LCS) R3669849-2 06/18/21 13:26

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	4.43	80.5	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*107*	*78.0-120*	
(S) a,a,a-Trifluorotoluene(PID)			*111*	*79.0-125*	

Method Blank (MB)

(MB) R3670542-3 06/22/21 12:29

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000190	0.000500
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*98.0*			*78.0-120*
(S) a,a,a-Trifluorotoluene(PID)	*103*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R3670542-1 06/22/21 11:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0575	115	77.0-122	
(S) a,a,a-Trifluorotoluene(FID)			*98.2*	*78.0-120*	
(S) a,a,a-Trifluorotoluene(PID)			*102*	*79.0-125*	

Laboratory Control Sample (LCS)

(LCS) R3670542-2 06/22/21 11:46

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.47	99.5	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*105*	*78.0-120*	
(S) a,a,a-Trifluorotoluene(PID)			*112*	*79.0-125*	

Method Blank (MB)

(MB) R3670964-3 06/23/21 00:28

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000190	0.000500
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*
(S) a,a,a-Trifluorotoluene(PID)	*106*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R3670964-1 06/22/21 23:07

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0507	101	77.0-122	
(S) a,a,a-Trifluorotoluene(FID)			*100*	*78.0-120*	
(S) a,a,a-Trifluorotoluene(PID)			*105*	*79.0-125*	

Method Blank (MB)

(MB) R3667369-1 06/15/21 05:50

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
C10-C28 Diesel Range	U		0.0222	0.100
(S) o-Terphenyl	*88.5*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3667369-2 06/15/21 06:10 • (LCSD) R3667369-3 06/15/21 06:30

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	1.50	1.74	1.76	116	117	50.0-150			1.14	20
(S) o-Terphenyl				*91.5*	*106*	*52.0-156*				

Method Blank (MB)

(MB) R3667471-1 06/15/21 09:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
C10-C28 Diesel Range	U		0.0222	0.100
(S) o-Terphenyl	*101*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3667471-2 06/15/21 09:39 • (LCSD) R3667471-3 06/15/21 09:59

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	1.50	1.69	1.73	113	115	50.0-150			2.34	20
(S) o-Terphenyl				*121*	*118*	*52.0-156*				

Method Blank (MB)

(MB) R3668262-1 06/16/21 15:04

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
C10-C28 Diesel Range	U		0.0222	0.100
(S) o-Terphenyl	*88.5*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3668262-2 06/16/21 15:24 • (LCSD) R3668262-3 06/16/21 15:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	1.50	1.57	1.63	105	109	50.0-150			3.75	20
(S) o-Terphenyl				*54.5*	*55.5*	*52.0-156*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
MQL	Method Quantitation Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
SDL	Sample Detection Limit.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Sample Detection Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Arcadis - Chevron - TX

10205 Westheimer Road
Suite 800
Houston. TX 77042

Billing Information:
Attn: Accounts Payable
630 Plaza Drive, Suite 600
Highlands Ranch, CO 80129

Pres Chk

Report to: **Scott Foord**

Email To: william.foord@arcadis.com;douglas.jordan@arc

Project Description: **Buckeye Compressor Station**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **713-953-4750**

Client Project # **30088252-0003B**

Lab Project # **CHEVARCA-BUCKEYE**

Collected by (print): Carlos Corajeda

Site/Facility ID # **BUCKEYE COMPRESSOR**

P.O. #

Collected by (signature): Carlos Corajeda

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Chain of Custody Page 1 of 3

Pace Analytical®

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Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1365423

Table #

Acctnum: **CHEVARCA**

Template: **T188135**

Prelogin: **P848951**

PM: **526 - Chris McCord**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEXGRO 40mlAmb-HCl	CHLORIDE (300.0) 125mlHDPE-NoPres	DRONMLVI 40mlAmb-HCl-BT	TDS 250mlHDPE-NoPres	Remarks	Sample # (lab only)
MW-21-W-210608	G	GW	—	6-8-21	1430	4	X		X			-01
MW-5-W-210608	G	GW	—	6-8-21	1500	4	X		X			-02
MW-15-W-210608	G	GW	—	6-8-21	1518	4	X		X			-03
MW-16-W-210608	G	GW	—	6-8-21	1533	4	X		X			-04
MW-22-W-210608	G	GW	—	6-8-21	1555	6	X	X	X	X		-05
MW-17-W-210608	G	GW	—	6-8-21	1618	4	X		X			-06
TW11-W-210608	G	GW	—	6-8-21	1629	4	X		X			-07
MW-12-W-210608	G	GW	—	6-8-21	1658	4	X		X			-08
MW-20-W-210608	G	GW	—	6-8-21	1742	4	X		X			-09
MW-24-W-210608	G	GW	—	6-8-21	1755	4	X		X			-10

LG

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

	Date:	Time:		
Relinquished by : (Signature) Carlos Corajeda	6-9-21	1700	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)	6-10-21	1150	Received by: (Signature)	Temp: 3.2+0.2=3.4 °C Bottles Received: 94
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 6-11-21 Time: 0930

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Company Name/Address:
Arcadis - Chevron - TX

10205 Westheimer Road
Suite 800
Houston. TX 77042

Billing Information:
Attn: Accounts Payable
630 Plaza Drive, Suite 600
Highlands Ranch, CO 80129

Pres Chk

Report to: **Scott Foord**

Email To: william.foord@arcadis.com;douglas.jordan@arc

Project Description: **Buckeye Compressor Station**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **713-953-4750**

Client Project # **30088252-0003B**

Lab Project # **CHEVARCA-BUCKEYE**

Collected by (print): Carlos Grajeda

Site/Facility ID # **BUCKEYE COMPRESSOR**

P.O. #

Collected by (signature): Carlos Grajeda

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

No. of Cntrs

Analysis / Container / Preservative

Chain of Custody Page 2 of 3

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Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1365423

Table #

Acctnum: **CHEVARCA**

Template: **T188135**

Prelogin: **P848951**

PM: **526 - Chris McCord**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEXGRO 40mlAmb-HCl	CHLORIDE (300.0) 125mlHDPE-NoPres	DRONMLVI 40mlAmb-HCl-BT	TDS 250mlHDPE-NoPres	Remarks	Sample # (lab only)
mw-10.W-210609	G	GW	—	6-9-21	1139	4	X		X			-11
mw-25-W-210609	G	GW	—	6-9-21	1203	4	X		X			-12
mw-26-W-210609	G	GW	—	6-9-21	1220	4	X		X			-13
mw-13-W-210609	G	GW	—	6-9-21	1230	4	X		X			-14
mw-14-W-210609	G	GW	—	6-9-21	1240	4	X		X			-15
mw-4-W-210609	G	GW	—	6-9-21	1253	4	X		X			-16
mw-18-W-210609	G	GW	—	6-9-21	1303	4	X		X			-17
TW-13-W-210609	G	GW	—	6-9-21	1312	4	X		X			-18
mw4-W-210609	G	GW	—	6-9-21	1352	4	X		X			-19
[illegible]	G											

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Carlos Grajeda	6-9-21	1700	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	6-10-21	1150	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCl / MeoH
TBR

Temp: 4.7+°C 3.2+2-3.4 °C Bottles Received: 94

Date: 6-11-21 Time: 0930

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Company Name/Address:
Arcadis - Chevron - TX

10205 Westheimer Road
Suite 800
Houston, TX 77042

Billing Information:
Attn: Accounts Payable
630 Plaza Drive, Suite 600
Highlands Ranch, CO 80129

Pres Chk

Report to: **Scott Foord**

Email To: **william.foord@arcadis.com;douglas.jordan@arc**

Project Description: **Buckeye Compressor Station**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **713-953-4750**

Client Project # **30088252-0003B**

Lab Project # **CHEVARCA-BUCKEYE**

Collected by (print): Carlos Granada

Site/Facility ID # **BUCKEYE COMPRESSOR**

P.O. #

Collected by (signature): Carlos Granada

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Analysis / Container / Preservative

Chain of Custody Page 3 of 3

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SDG # L1365423

Table #

Acctnum: **CHEVARCA**

Template: **T188135**

Prelogin: **P848951**

PM: **526 - Chris McCord**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEXGRO 40mlAmb-HCl	CHLORIDE (300.0) 125mlHDPE-NoPres	DRONMLVI 40mlAmb-HCl-BT	TDS 250mlHDPE-NoPres	Remarks	Sample # (lab only)
mw-1-WD-210609	G	GW	—	6-9-21	—	4	X		X			-20
mw-2-W-210609	G	GW	—	6-9-21	1405	4	X		X			-21
mw6-W-210609	G	GW	—	6-9-21	1422	4	X		X			-22
mw-7-W-210609	G	GW	—	6-9-21	1431	4	X		X			-23
		GW										
Trip Blank		GW										
		GW										
		GW										
		GW										
		GW										

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

	Date:	Time:		
Relinquished by : (Signature) Carlos Granada	6-9-21	1700	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
Relinquished by : (Signature)	6-10-21	1150	Received by: (Signature)	Temp: 3.2 °C Bottles Received: 9
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 6-11-21 Time: 0930

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

December 06, 2021

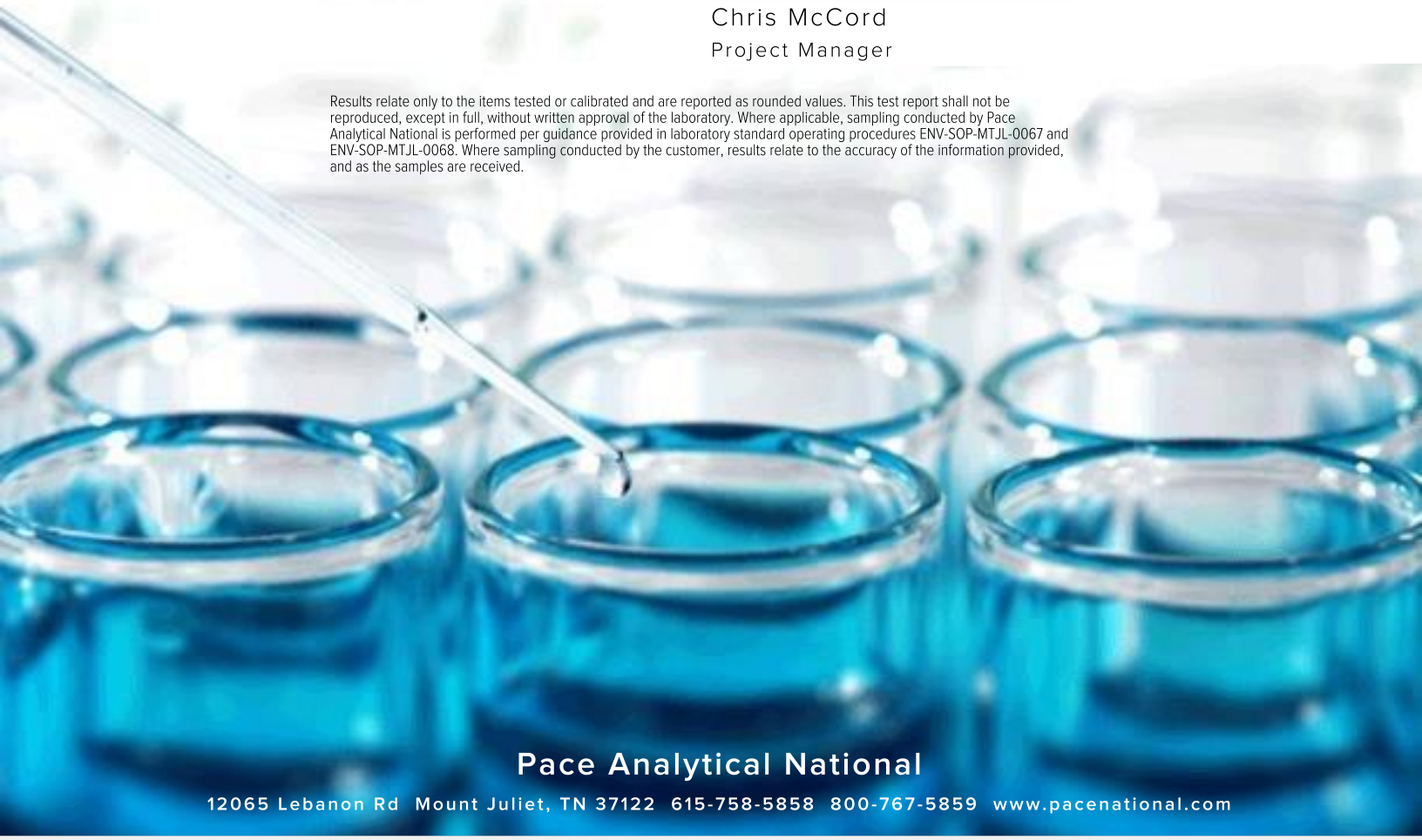
ARCADIS US - New Mexico

Sample Delivery Group:	L1430054
Samples Received:	11/11/2021
Project Number:	30088252-0003B
Description:	Buckeye Compressor Station
Site:	UEM4811
Report To:	Scott Foord
	1004 N Big Spring Street
	Suite 121
	Midland, TX 79701

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

MW-4-W-211110 L1430054-01 GW

Collected by: Daniel McGee | Collected date/time: 11/10/21 10:40 | Received date/time: 11/11/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG1778740	100	11/23/21 06:38	11/23/21 06:38	MGF	Mt. Juliet, TN

MW-17-W-211110 L1430054-02 GW

Collected by: Daniel McGee | Collected date/time: 11/10/21 11:10 | Received date/time: 11/11/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG1773352	1	11/13/21 17:59	11/13/21 17:59	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1778740	50	11/23/21 05:54	11/23/21 05:54	MGF	Mt. Juliet, TN

DUP-1-W-211110 L1430054-03 GW

Collected by: Daniel McGee | Collected date/time: 11/10/21 00:00 | Received date/time: 11/11/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG1773352	1	11/13/21 11:07	11/13/21 11:07	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1778740	50	11/23/21 06:16	11/23/21 06:16	MGF	Mt. Juliet, TN

MW-22-W-211110 L1430054-04 GW

Collected by: Daniel McGee | Collected date/time: 11/10/21 11:35 | Received date/time: 11/11/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG1783429	1	12/03/21 04:22	12/03/21 04:22	LBR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1773352	1	11/13/21 11:28	11/13/21 11:28	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1778740	1	11/23/21 03:42	11/23/21 03:42	MGF	Mt. Juliet, TN

TW-11-W-211110 L1430054-05 GW

Collected by: Daniel McGee | Collected date/time: 11/10/21 12:00 | Received date/time: 11/11/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG1773352	1	11/13/21 11:50	11/13/21 11:50	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1778740	1	11/23/21 04:04	11/23/21 04:04	MGF	Mt. Juliet, TN

MW-12-W-211110 L1430054-06 GW

Collected by: Daniel McGee | Collected date/time: 11/10/21 12:18 | Received date/time: 11/11/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG1773352	1	11/13/21 12:12	11/13/21 12:12	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1778740	1	11/23/21 04:26	11/23/21 04:26	MGF	Mt. Juliet, TN

MW-13-W-211110 L1430054-07 GW

Collected by: Daniel McGee | Collected date/time: 11/10/21 12:30 | Received date/time: 11/11/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG1773352	1	11/13/21 12:34	11/13/21 12:34	JAH	Mt. Juliet, TN

TW-13-W-211110 L1430054-08 GW

Collected by: Daniel McGee | Collected date/time: 11/10/21 12:45 | Received date/time: 11/11/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG1773352	1	11/13/21 12:55	11/13/21 12:55	JAH	Mt. Juliet, TN

MW-14-W-211110 L1430054-09 GW

Collected by: Daniel McGee | Collected date/time: 11/10/21 13:05 | Received date/time: 11/11/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG1773352	1	11/13/21 13:17	11/13/21 13:17	JAH	Mt. Juliet, TN

MW-18-W-211110 L1430054-10 GW

Collected by: Daniel McGee | Collected date/time: 11/10/21 13:20 | Received date/time: 11/11/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG1773352	1	11/13/21 13:39	11/13/21 13:39	JAH	Mt. Juliet, TN

MW-1-W-211110 L1430054-11 GW

Collected by: Daniel McGee | Collected date/time: 11/10/21 13:40 | Received date/time: 11/11/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG1773352	1	11/13/21 14:00	11/13/21 14:00	JAH	Mt. Juliet, TN

MW-2-W-211110 L1430054-12 GW

Collected by: Daniel McGee | Collected date/time: 11/10/21 13:55 | Received date/time: 11/11/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG1773352	1	11/13/21 14:22	11/13/21 14:22	JAH	Mt. Juliet, TN

MW-6-W-211110 L1430054-13 GW

Collected by: Daniel McGee | Collected date/time: 11/10/21 14:05 | Received date/time: 11/11/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG1773352	1	11/13/21 14:44	11/13/21 14:44	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1778740	10	11/23/21 05:32	11/23/21 05:32	MGF	Mt. Juliet, TN

MW-21-W-211110 L1430054-14 GW

Collected by: Daniel McGee | Collected date/time: 11/10/21 14:20 | Received date/time: 11/11/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG1773352	1	11/13/21 15:05	11/13/21 15:05	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1778740	1	11/23/21 04:48	11/23/21 04:48	MGF	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	15.8		0.0190	0.0500	100	11/23/2021 06:38	WG1778740
Toluene	U		0.0412	0.100	100	11/23/2021 06:38	WG1778740
Ethylbenzene	U		0.0160	0.0500	100	11/23/2021 06:38	WG1778740
Total Xylene	U		0.0510	0.150	100	11/23/2021 06:38	WG1778740
(S) a,a,a-Trifluorotoluene(PID)	*101*			*79.0-125*		*11/23/2021 06:38*	WG1778740

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	4.94		0.00950	0.0250	50	11/23/2021 05:54	WG1778740
Toluene	U		0.000412	0.00100	1	11/13/2021 17:59	WG1773352
Ethylbenzene	0.00125		0.000160	0.000500	1	11/13/2021 17:59	WG1773352
Total Xylene	U		0.000510	0.00150	1	11/13/2021 17:59	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*86.1*			*79.0-125*		*11/13/2021 17:59*	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*99.6*			*79.0-125*		*11/23/2021 05:54*	WG1778740

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	5.12		0.00950	0.0250	50	11/23/2021 06:16	WG1778740
Toluene	0.000961	B J	0.000412	0.00100	1	11/13/2021 11:07	WG1773352
Ethylbenzene	0.00141		0.000160	0.000500	1	11/13/2021 11:07	WG1773352
Total Xylene	0.00125	B J	0.000510	0.00150	1	11/13/2021 11:07	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*83.8*			*79.0-125*		*11/13/2021 11:07*	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*101*			*79.0-125*		*11/23/2021 06:16*	WG1778740

Wet Chemistry by Method 300.0

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	34.3		0.379	1.00	1	12/03/2021 04:22	WG1783429

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	1	11/23/2021 03:42	WG1778740
Toluene	0.000833	B J	0.000412	0.00100	1	11/13/2021 11:28	WG1773352
Ethylbenzene	U		0.000160	0.000500	1	11/13/2021 11:28	WG1773352
Total Xylene	U		0.000510	0.00150	1	11/13/2021 11:28	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*98.4*			*79.0-125*		*11/13/2021 11:28*	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*101*			*79.0-125*		*11/23/2021 03:42*	WG1778740

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	1	11/23/2021 04:04	WG1778740
Toluene	0.000650	B J	0.000412	0.00100	1	11/13/2021 11:50	WG1773352
Ethylbenzene	U		0.000160	0.000500	1	11/13/2021 11:50	WG1773352
Total Xylene	U		0.000510	0.00150	1	11/13/2021 11:50	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*98.8*			*79.0-125*		*11/13/2021 11:50*	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*99.9*			*79.0-125*		*11/23/2021 04:04*	WG1778740

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	1	11/23/2021 04:26	WG1778740
Toluene	0.000502	B J	0.000412	0.00100	1	11/13/2021 12:12	WG1773352
Ethylbenzene	U		0.000160	0.000500	1	11/13/2021 12:12	WG1773352
Total Xylene	U		0.000510	0.00150	1	11/13/2021 12:12	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*99.1*			*79.0-125*		*11/13/2021 12:12*	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*99.6*			*79.0-125*		*11/23/2021 04:26*	WG1778740

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	0.00197		0.000190	0.000500	1	11/13/2021 12:34	WG1773352
Toluene	U		0.000412	0.00100	1	11/13/2021 12:34	WG1773352
Ethylbenzene	U		0.000160	0.000500	1	11/13/2021 12:34	WG1773352
Total Xylene	U		0.000510	0.00150	1	11/13/2021 12:34	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*98.0*			*79.0-125*		*11/13/2021 12:34*	WG1773352

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000368	J	0.000190	0.000500	1	11/13/2021 12:55	WG1773352
Toluene	0.000502	B J	0.000412	0.00100	1	11/13/2021 12:55	WG1773352
Ethylbenzene	U		0.000160	0.000500	1	11/13/2021 12:55	WG1773352
Total Xylene	U		0.000510	0.00150	1	11/13/2021 12:55	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*99.3*			*79.0-125*		*11/13/2021 12:55*	WG1773352

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	0.00141		0.000190	0.000500	1	11/13/2021 13:17	WG1773352
Toluene	U		0.000412	0.00100	1	11/13/2021 13:17	WG1773352
Ethylbenzene	U		0.000160	0.000500	1	11/13/2021 13:17	WG1773352
Total Xylene	U		0.000510	0.00150	1	11/13/2021 13:17	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*98.4*			*79.0-125*		*11/13/2021 13:17*	WG1773352

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000307	J	0.000190	0.000500	1	11/13/2021 13:39	WG1773352
Toluene	U		0.000412	0.00100	1	11/13/2021 13:39	WG1773352
Ethylbenzene	U		0.000160	0.000500	1	11/13/2021 13:39	WG1773352
Total Xylene	U		0.000510	0.00150	1	11/13/2021 13:39	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*98.2*			*79.0-125*		*11/13/2021 13:39*	WG1773352

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	0.204		0.000190	0.000500	1	11/13/2021 14:00	WG1773352
Toluene	U		0.000412	0.00100	1	11/13/2021 14:00	WG1773352
Ethylbenzene	U		0.000160	0.000500	1	11/13/2021 14:00	WG1773352
Total Xylene	U		0.000510	0.00150	1	11/13/2021 14:00	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*97.4*			*79.0-125*		*11/13/2021 14:00*	WG1773352

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0758		0.000190	0.000500	1	11/13/2021 14:22	WG1773352
Toluene	U		0.000412	0.00100	1	11/13/2021 14:22	WG1773352
Ethylbenzene	0.000175	J	0.000160	0.000500	1	11/13/2021 14:22	WG1773352
Total Xylene	U		0.000510	0.00150	1	11/13/2021 14:22	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*98.0*			*79.0-125*		*11/13/2021 14:22*	WG1773352

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.386		0.00190	0.00500	10	11/23/2021 05:32	WG1778740
Toluene	U		0.000412	0.00100	1	11/13/2021 14:44	WG1773352
Ethylbenzene	0.000311	J	0.000160	0.000500	1	11/13/2021 14:44	WG1773352
Total Xylene	0.00191	B	0.000510	0.00150	1	11/13/2021 14:44	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*97.2*			*79.0-125*		*11/13/2021 14:44*	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*101*			*79.0-125*		*11/23/2021 05:32*	WG1778740

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000222	J	0.000190	0.000500	1	11/23/2021 04:48	WG1778740
Toluene	U		0.000412	0.00100	1	11/13/2021 15:05	WG1773352
Ethylbenzene	U		0.000160	0.000500	1	11/13/2021 15:05	WG1773352
Total Xylene	U		0.000510	0.00150	1	11/13/2021 15:05	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*98.5*			*79.0-125*		*11/13/2021 15:05*	WG1773352
(S) a,a,a-Trifluorotoluene(PID)	*99.8*			*79.0-125*		*11/23/2021 04:48*	WG1778740

Method Blank (MB)

(MB) R3736957-1 12/03/21 00:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.379	1.00

L1430054-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1430054-04 12/03/21 04:22 • (DUP) R3736957-3 12/03/21 04:37

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	34.3	34.1	1	0.739		20

L1430400-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1430400-01 12/03/21 08:21 • (DUP) R3736957-6 12/03/21 08:36

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	1.90	1.79	1	5.89		20

Laboratory Control Sample (LCS)

(LCS) R3736957-2 12/03/21 01:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.8	99.5	90.0-110	

L1430085-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1430085-01 12/03/21 04:52 • (MS) R3736957-4 12/03/21 05:07 • (MSD) R3736957-5 12/03/21 05:22

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50.0	1660	1620	1620	0.000	0.000	1	80.0-120	E V	E V	0.193	20

L1430400-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1430400-01 12/03/21 08:21 • (MS) R3736957-7 12/03/21 08:51

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50.0	1.90	50.8	97.8	1	80.0-120	

Method Blank (MB)

(MB) R3732547-2 11/13/21 10:20

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000190	0.000500
Toluene	0.000651	J	0.000412	0.00100
Ethylbenzene	U		0.000160	0.000500
Total Xylene	0.000598	J	0.000510	0.00150
(S) a,a,a-Trifluorotoluene(PID)	*99.1*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R3732547-1 11/13/21 08:31

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0452	90.4	77.0-122	
Toluene	0.0500	0.0445	89.0	80.0-121	
Ethylbenzene	0.0500	0.0489	97.8	80.0-123	
Total Xylene	0.150	0.142	94.7	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*99.9*	*79.0-125*	

Method Blank (MB)

(MB) R3732713-3 11/23/21 03:06

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000190	0.000500
Toluene	U		0.000412	0.00100
Ethylbenzene	U		0.000160	0.000500
Total Xylene	U		0.000510	0.00150
(S) a,a,a-Trifluorotoluene(PID)	*100*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R3732713-1 11/23/21 01:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0541	108	77.0-122	
Toluene	0.0500	0.0517	103	80.0-121	
Ethylbenzene	0.0500	0.0561	112	80.0-123	
Total Xylene	0.150	0.163	109	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*101*	*79.0-125*	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
ARCADIS US - New Mexico

1004 N Big Spring Street
Suite 121
Midland. TX 79701

Billing Information:
Accounts Payable
1004 N Big Spring Street
Suite 121
Midland, TX 79701

Pres Chk

Report to:
Scott Foord

Email To:
william.foord@arcadis.com;douglas.jordan@arc

Project Description:
Buckeye Compressor Station

City/State Collected: Hobbs, NM

Please Circle: PT MT (CT) ET

Phone: **432-687-5400**

Client Project #
30088252-0003B

Lab Project #
CHEVARCNM-BUCKEYE

Collected by (print):
D. Daniel Mike

Site/Facility ID #
UEM4811

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed
Standard

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

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SDG # L1430054
1063

Acctnum: **CHEVARCNM**
Template: **T198564**
Prelogin: **P884950**
PM: **526 - Chris McCord**
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40mlAmb-HCl	CHLORIDE (300.0) 125mlHDPE-NoPres	TDS 250mlHDPE-NoPres	Remarks	Sample # (lab only)
MW-4-W-211110	G	GW		111021	1040	2	X				-01
MW-17-W-211110	G	GW		111021	1110	2	X				-02
DUP-1-W-211110	G	GW		111021	—	2	X				-03
MW-22-W-211110	G	GW		111021	1135	3	X	X			-04
~~TW4~~-11-W-211110	G	GW		111021	1200	2	X				-05
~~TW4~~ MW-12-W-211110	G	GW		111021	1218	2	X				-06
MW-13-W-211110	G	GW		111021	1230	2	X				-07
~~TW4~~-13-W-211110	G	GW		111021	1245	~~2~~ 3	X				-08
MW-14-W-211110	G	GW		111021	1305	2	X				-09
MW-18-W-211110	G	GW		111021	1320	2	X				-10

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	111021	4:54pm	Kendell Lumpkins
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: -5+5 °C Bottles Received: 42

Date: 11/11/21 Time: 0800

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

Company Name/Address:
ARCADIS US - New Mexico
1004 N Big Spring Street
Suite 121
Midland, TX 79701

Billing Information:
Accounts Payable
1004 N Big Spring Street
Suite 121
Midland, TX 79701

Pres Chk

Report to: Scott Foord

Email To: william.foord@arcadis.com;douglas.jordan@arc

Project Description: Buckeye Compressor Station

City/State Collected: Hobbs, NM

Please Circle: PT MT (CT) ET

Phone: 432-687-5400

Client Project # 30088252-0003B

Lab Project # CHEVARCNM-BUCKEYE

Collected by (print): Daniel McCoy

Site/Facility ID # UEM4811

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed: Standard

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40mlAmb-HCl	CHLORIDE (300.0) 125mlHDPE-NoPres	TDS 250mlHDPE-NoPres	Remarks	Sample # (lab only)
MW-1-W-7440		GW									
MW-1-W-211113	G	GW		11/10/21	1340	2	X				-11
MW-2-W-211110	G	GW		11/10/21	1355	2	X				-12
MW-6-W-211110	G	GW		11/10/21	1405	2	X				-13
MW-21-W-211110	G	GW		11/10/21	1420	2	X				-14
		GW									
				DM	11/10/21						

Chain of Custody Page 2 of 2

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SDG # L1430054

Table #

Acctnum: CHEVARCNM
Template: T198564
Prelogin: P884950
PM: 526 - Chris McCord
PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	11/10/21	4:54	Kendrell Lumpkins	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.5+0.5 °C Bottles Received: 42
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11/11/21 Time: 0840

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

Arcadis U.S., Inc.
10205 Westheimer Road, Suite 800
Houston
Texas 77042
Phone: 713 953 4800
Fax: 713 977 4620
www.arcadis.com

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 59722

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 59722
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2021 Annual Groundwater Report: Content satisfactory 1. Follow 2022 Activities section in report. 2. Submit next annual report no later than March 21, 2023.	12/2/2022