APPROVED
By Nelson Velez at 9:00 am, Dec 29, 2021

Review of Report of Groundwater Monitoring in Third and Fourth Quarters of 2020: Content satisfactory

1. OCD approves the following recommendations stated within Report of Groundwater Monitoring in Third and Fourth Quarters of 2020.

a. Continue quarterly groundwater gauging, purging, and sampling events

b. Replacement monitoring wells in the proximity of MW-01 and MW-03 to evaluate impact by LNAPL or dissolved BTEX

c. Additional delineation monitoring wells

Report of Groundwater Monitoring in the First and Second Quarters of 2020

PCA Junction 2RP-43
Eddy County, New Mexico
EMNRD Incident Number NAUTOFAB000443

DCP Operating Company

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1. Introduction

GHD (GHD) is submitting *Report of Groundwater Monitoring in the First and Second Quarters of 2020* to DCP Operating Company (DCP) for the PCA Junction Station (herein referred to as "the Site") in Eddy County, New Mexico. This report summarizes the quarterly monitoring event in June of 2020.

1.1 Site History

The Site is a pipeline drip and pigging station located in Eddy County, New Mexico approximately 20 miles northeast of the City of Carlsbad, New Mexico (Figure 1). The Site lies in Section 11, Township 20 South, Range 30 East. Latitude and longitude of the Site are 32.587749°N and 103.948845°W, respectively. The Site occupies approximately 0.8 acres surrounded by undeveloped land. Equipment at the Site is inactive with the exception of the pigging station. There are eight on-Site groundwater monitor wells (Figure 2).

2. Regulatory Framework

New Mexico Administrative Code (NMAC) 20.6.2.3103 Section A requires groundwater to be remediated according to Human Health Standards for Groundwater of the New Mexico Water Quality Control Commission (NMWQCC). The constituents of concern (COCs) in affected groundwater at the Site are benzene, toluene, ethylbenzene, and total xylenes (BTEX). The regulation also states that non-aqueous phase liquids shall not be present floating atop or immersed within groundwater, as can be reasonably measured. Monitoring and remediation at the Site are guided by NMWQCC Human Health Standards listed in Table 2.1.

Table 2.1 NMWQCC Human Health Standards

Analyte	NMWQCC Human Health Standard
Benzene	5 µg/L
Toluene	1000 µg/L
Ethylbenzene	700 µg/L
Total Xylenes	620 µg/L

3. Groundwater Monitoring

3.1 Methodology of Groundwater Monitoring

DCP notified GHD on March 23, 2020, that DCP policy adopted in response to the Covid19 pandemic precluded conducting a quarterly monitoring event that had been scheduled for March 25; therefore, a monitoring event was not conducted during the first quarter of 2020. GHD conducted a quarterly groundwater monitoring event on June 25, 2020. Wells MW-01, MW-02, and MWA-02 were dry during the event. Monitor well MW-3 had only 0.20 foot of groundwater in its casing. MW-3 could not be sampled. All well caps were removed to allow fluid levels to stabilize prior to gauging. Static fluid levels were measured with an electronic oil-water interface probe to the nearest

hundredth of a foot to determine presence of LNAPL and elevations of the potentiometric surface. All non-disposable groundwater sampling equipment was washed with Alconox® and potable water; rinsed with potable water; and rinsed again with deionized water before gauging and between wells. After measuring all fluid levels, wells were purged of at least three casing volumes of groundwater or until the well was purged dry. Temperature, pH, and conductivity were measured during purging. Each sample of groundwater was collected using a new, disposable polyethylene bailer. Laboratory-supplied sample containers were then filled directly from the bailer. Groundwater samples were placed on ice in an insulated cooler immediately after collection and chilled to a maximum temperature of 4°C (40°F). A duplicate sample collected from MW-5 during the monitoring event was submitted to the laboratory for analyses. Proper chain-of-custody documentation accompanied the samples to Pace Analytical, Inc. in Mt. Juliet, Tennessee. Analyses of BTEX were performed according to method Environmental Protection Agency (EPA) 8260B. Field notes taken during the quarterly monitoring event are included in Appendix A.

3.2 Potentiometric Surface and Gradient

All fluid level measurements were recorded from professionally surveyed tops of casings in monitor wells. Elevations of the potentiometric surface were calculated using a specific gravity of 0.81 for LNAPL, where it was present. Fluid level measurements are included in Table 1. Wells MW-01, MW-02, and MWA-02 were gauged dry during the quarterly monitoring event in June.

The direction of groundwater flow varied from northwest, to north, to northeast during the monitoring event and was consistent with previous quarterly monitoring events. Gradient of the potentiometric surface during the quarterly monitoring event was 0.00120. Elevations of the potentiometric surface fell in all measured wells between December 19, 2019 and June 25, 2020. The average decline was 0.43 foot. A map of the potentiometric surface during monitoring event in June 2020 is in Figure 3.

3.3 Presence of Light Non-aqueous Phase Liquids (LNAPL)

LNAPL was not observed in any monitor wells during the monitoring events in June 2020. A chart showing thicknesses of LNAPL in well MW-01 *versus* time is in Appendix B. Note that LNAPL remained in the well until MW-01 went dry in late 2018.

3.4 Management of Purged Groundwater

During the June 2020 event, approximately 23.0 gallons of groundwater were purged from monitor wells. Purge water recovered during the sampling event was held in United States Department of Transportation (USDOT)-approved drums pending disposal. Purge water is periodically transported off-Site and disposed at a licensed facility.

4. Analytical Results

Groundwater samples were collected from MW-04, MW-05, MW-06, and MWA-01 during the quarterly monitoring event in June. They were analyzed for BTEX by method 8260B. Wells MW-01, MW-02, and MWA-02 were dry; therefore, samples were not collected from them. Monitor well MW-3 had insufficient water in the casing to collect a sample.

During the monitoring event in June, BTEX constituents were not detected in any groundwater sample. A duplicate sample was collected from MW-5 during the June event. The duplicate was not significantly different from the initial sample with respect to all analytes; that is, percent difference between samples less than 50% for all analytes. Analytical results and physical parameters are summarized in Table 2. Analytical results from the quarterly monitoring event in June are posted on Figure 4. The laboratory report for the quarterly event in June is presented as Appendix D.

5. LNAPL Abatement

In December 2002, LNAPL abatement and recovery via manual hand bailing was initiated for MW-01. From December 2002 thru May 2003, approximately 200 gallons of LNAPL were recovered. LNAPL recovery from MW-01 was suspended from June 2003 to February 2005. LNAPL abatement and recovery from MW-01 resumed in February 2005 during quarterly monitoring events and other periodic visits through December 2011. Approximately 52.43 gallons of LNAPL were recovered from MW-01 during this time interval. A cumulative total of LNAPL recovered from MW-01 from December 2002 through December 2011 was approximately 252.43 gallons. Since January 2012, monthly and quarterly gauging data indicate that MW-01 has, for the most part, remained dry. Fluid levels and recovery data are summarized in Table 1.

6. Conclusions and Recommendations

Based on the groundwater assessment monitoring and remedial activities performed by GHD at the Site during the second quarter of 2020, findings are:

- Groundwater flow direction for the second quarter of 2020 continued to vary from northwest , to north, to northeast. Magnitude of the gradient was 0.00120.
- Elevation of potentiometric surface decreased in all wells between December 19, 2019 and June 25, 2020. The average elevation decrease during that time period was 0.43 feet.
- During the second quarterly event in June, groundwater samples were not collected from wells MW-01, MW-02, MW-3, and MWA-02, due to these wells being dry or not having sufficient groundwater in their casings. Monitor well MW-03 had 0.20 foot of groundwater remaining in the casing. Samples were collected from monitor wells MW-04, MW-05, MW-06, and MWA-01 during the second quarter of 2020.
- No BTEX constituents were detected in groundwater samples collected from monitor wells during the second quarter of 2020.

For the third and fourth quarters of 2020, GHD recommends the following:

- Continue quarterly groundwater gauging, purging, and sampling events at the Site.
- Schedule a meeting with the NMOCD in an effort to develop a mutually acceptable plan for Site closure. Topics for discussion will most likely include drilling deeper replacement monitoring wells in the proximity of MW-01 and MW-03 to evaluate impact by LNAPL or dissolved BTEX, additional delineation monitoring wells, groundwater monitoring, and plugging and abandonment tasks.

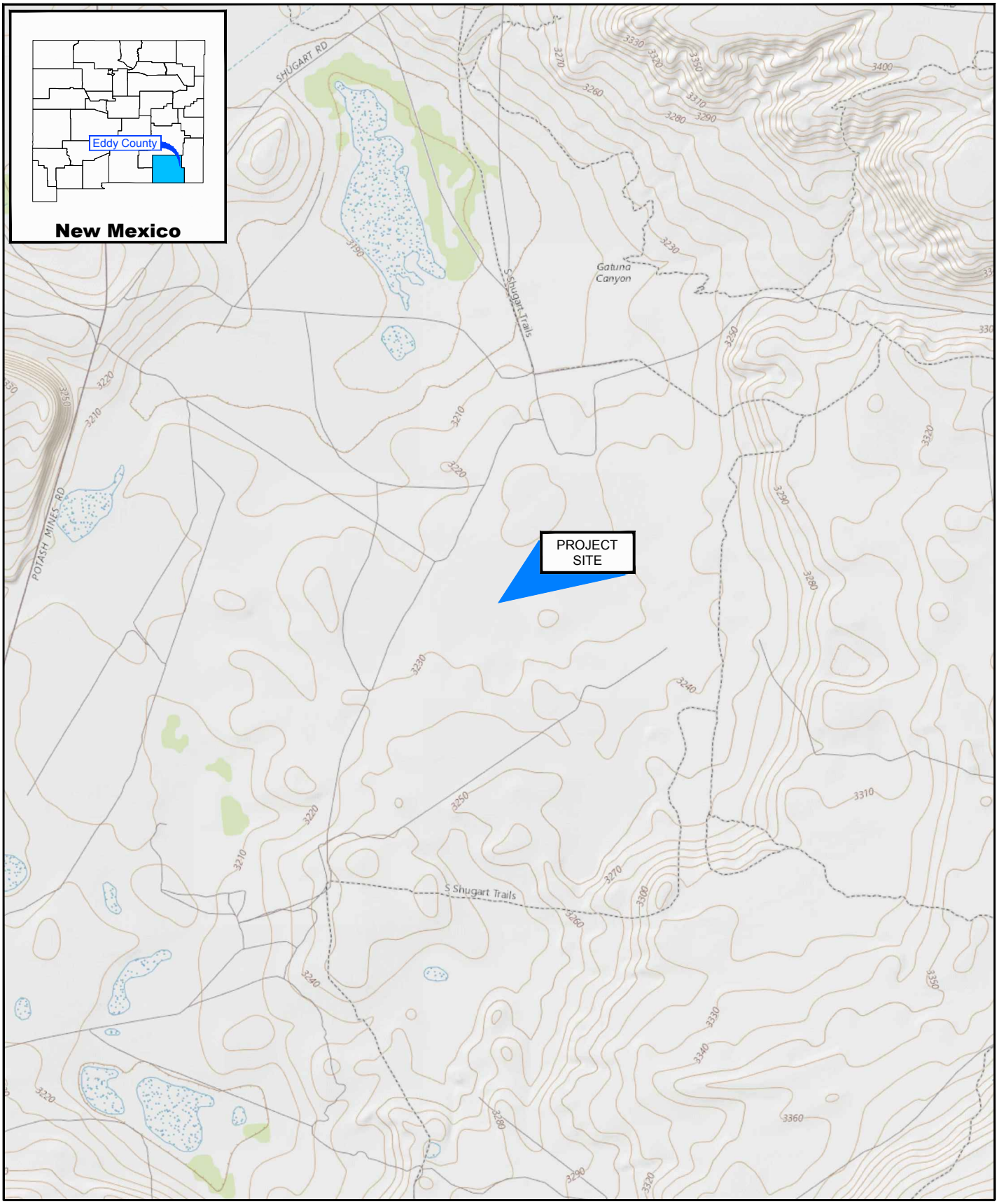
All of which is Respectfully Submitted,

GHD

John Schnable
Senior Project Manager

Tom Larson
Associate, Midland Operations Manager

Figures



Source: USGS 7.5 Minute Quad "Otis, New Mexico"

Lat/Long: 32.587749° North, 103.948845° West

0 1000 2000ft

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico East (US Feet)

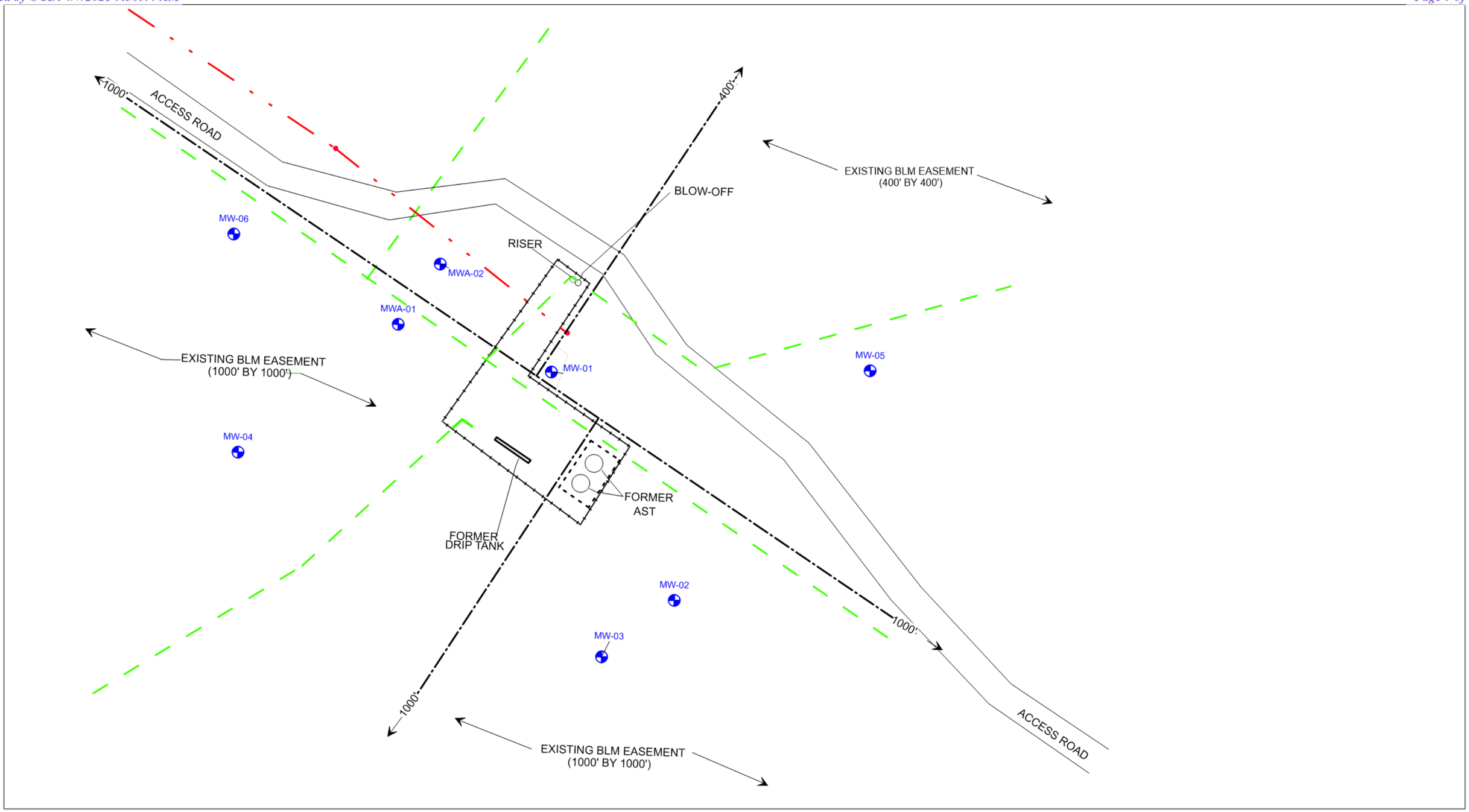
DCP OPERATING COMPANY
EDDY COUNTY, NEW MEXICO
PCA JUNCTION COMPRESSOR STATION
SITE LOCATION MAP

11209454

April 9, 2019

FIGURE 1

11209454-01(027) GN-MAF SVR-001 SEP 30 2019



0 ft. 25 ft. 50 ft.

- Well Location
- Secondary Containment
- Fence
- Overhead Electric
- Tract Boundary, Existing BLM Easements
- Pipeline Right-of-Way

GHD

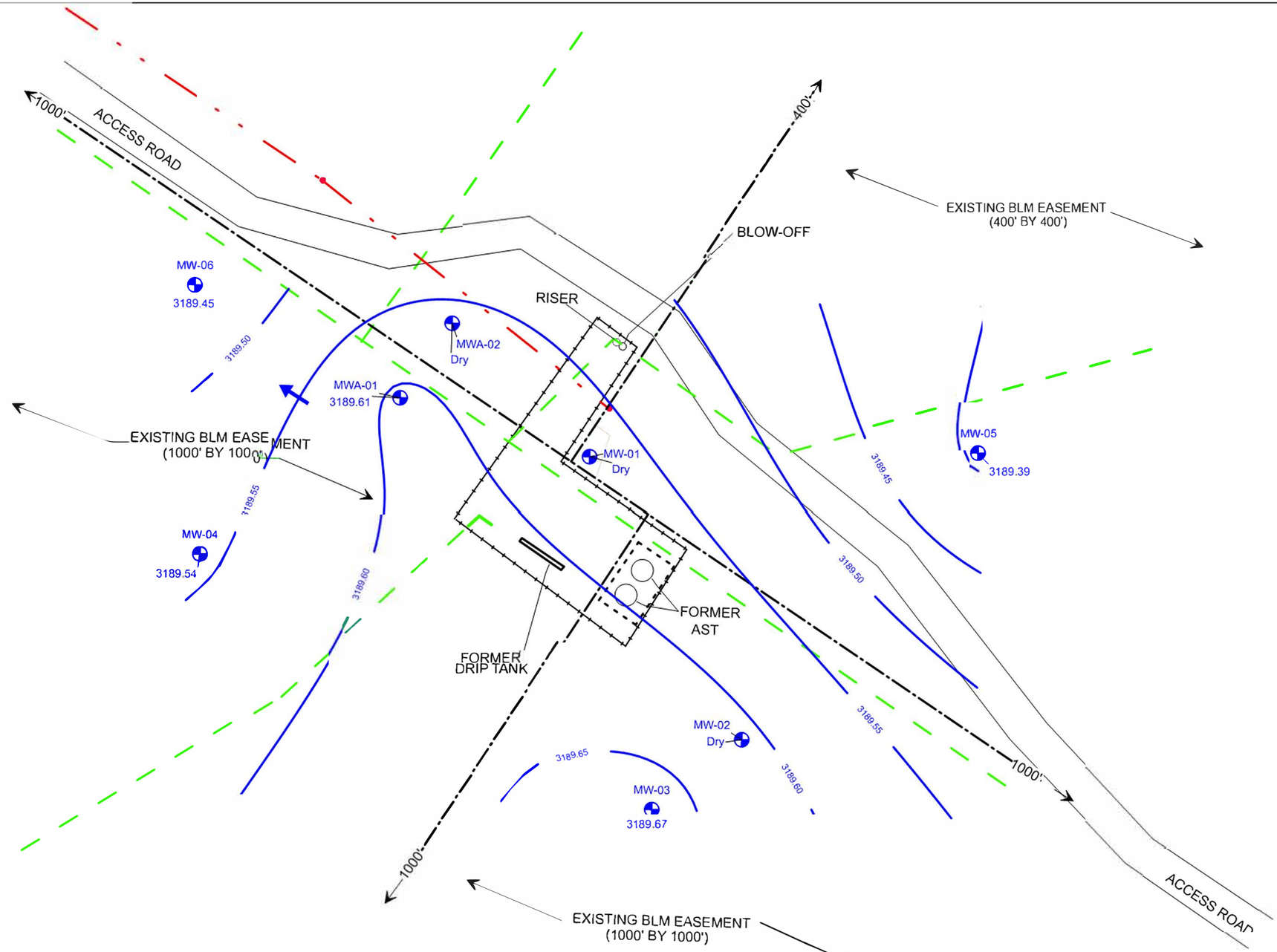
DCP OPERATING COMPANY
PCA JUNCTION COMPRESSOR STATION
FIRST AND SECOND QUARTERS 2020
GROUNDWATER MONITORING REPORT
SITE DETAILS MAP

PROJECT NO. 11209454

JULY 28, 2020

FIGURE 2

11209454-01 (27) GN-MAF-SVR-001 JUL 28, 2020



0 ft. 25 ft. 50 ft.

- Well Location
- Secondary Containment
- Fence
- Overhead Electric
- Tract Boundary, Existing BLM Easements
- Pipeline Right-of-Way
- 3121.94 Elevation of Potentiometric surface (famsl) (C.I. = 0.02 ft.)
- Direction of Groundwater Flow

DCP OPERATING COMPANY
PCA JUNCTION STATION
FIRST AND SECOND QUARTERS 2019
GROUNDWATER MONITORING REPORT

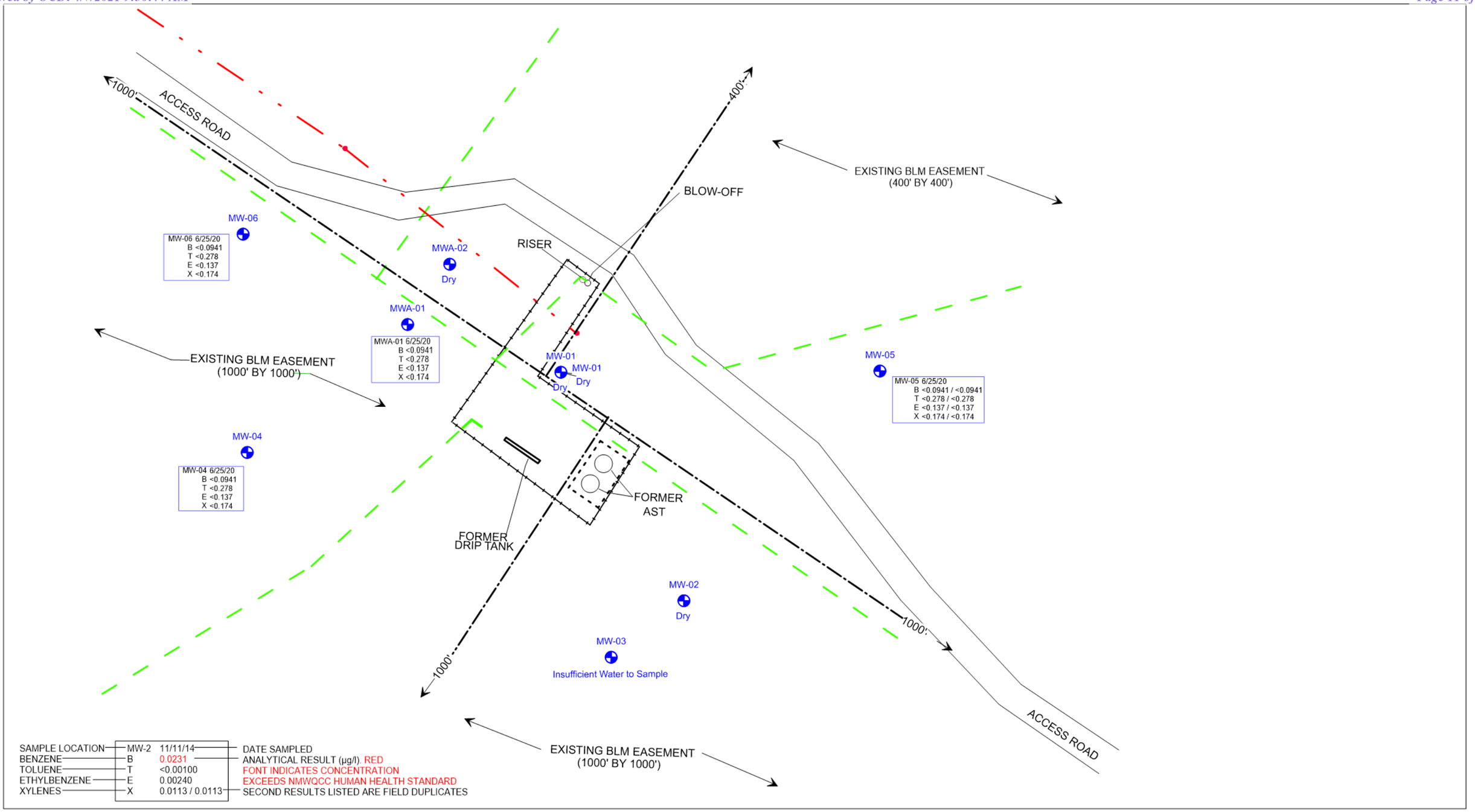
MAP OF THE POTENTIOMETRIC SURFACE--JUNE 25, 2020

PROJECT NO. 11209454

JUNE 25, 2020

FIGURE 3

11209454-01 (27) GN-MAF-SVR-001 JUN 25 2020



DCP OPERATING COMPANY
PCA JUNCTION COMPRESSOR STATION
FIRST AND SECOND QUARTERS 2020
GROUNDWATER MONITORING REPORT

MAP OF DISSOLVED BTEX IN GROUNDWATER--JUNE 25, 2020

PROJECT 11209454

JULY 8, 2020

FIGURE 4

11209454-01(027) GN-MAF-SVR-001 JUL 8 2020

Tables

Table 1

Summary of Fluid Level Measurements and Fluids Recovery
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MW-01	3219.46	12/09/2002 to 5/19/2003	NA	NA	NA			200	
MW-01	3219.46	2/24/2005	26.14	24.85	1.29	3194.36		0.50	
MW-01	3219.46	2/25/2005	25.85	25.34	0.51	3194.02		0.25	
MW-01	3219.46	4/28/2005	25.94	24.68	1.26	3194.54		2.50	
MW-01	3219.46	4/29/2005	25.28	24.96	0.32	3194.44		2.00	
MW-01	3219.46	5/23/2005	25.92	24.62	1.30	3194.59		2.50	
MW-01	3219.46	7/27/2005	26.80	25.08	1.72	3194.05		1.00	
MW-01	3219.46	8/24/2005	26.74	25.03	1.71	3194.11		2.00	
MW-01	3219.46	1/24/2006	28.49	27.35	1.14	3191.89		2.00	
MW-01	3219.46	2/15/2006	26.26	24.81	1.45	3194.37		5.00	
MW-01	3219.46	3/27/2006	26.40	24.92	1.48	3194.26			
MW-01	3219.46	6/19/2006	27.05	25.19	1.86	3193.92		2.50	
MW-01	3219.46	7/18/2006	26.43	25.00	1.43	3194.19		2.50	
MW-01	3219.46	8/16/2006	26.42	25.41	1.01	3193.86		1.25	
MW-01	3219.46	9/11/2006	26.75	25.14	1.61	3194.01		1.00	
MW-01	3219.46	10/17/2006	26.30	25.14	1.16	3194.10		1.00	
MW-01	3219.46	11/13/2006	26.82	25.11	1.71	3194.03			
MW-01	3219.46	12/12/2006	26.86	25.13	1.73	3194.00			
MW-01	3219.46	2/26/2007	26.80	25.20	1.60	3193.96		2.00	
MW-01	3219.46	3/27/2007	26.84	25.22	1.62	3193.93			
MW-01	3219.46	5/24/2007	26.21	24.87	1.34	3194.34		1.00	
MW-01	3219.46	6/18/2007	26.23	24.85	1.38	3194.35			
MW-01	3219.46	7/19/2007	26.76	25.13	1.63	3194.02		1.00	
MW-01	3219.46	8/16/2007	27.03	25.28	1.75	3193.85		1.00	
MW-01	3219.46	9/17/2007	27.29	25.40	1.89	3193.70		1.00	
MW-01	3219.46	11/15/2007	26.96	25.89	1.07	3193.37		1.00	
MW-01	3219.46	12/12/2007	27.32	25.54	1.78	3193.58		2.00	
MW-01	3219.46	1/11/2008	27.25	25.54	1.71	3193.60		2.00	
MW-01	3219.46	2/8/2008	27.36	25.53	1.83	3193.58		1.50	

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MW-01	3219.46	3/3/2008	27.35	25.55	1.80	3193.57		1.50	
MW-01	3219.46	5/2/2008	27.43	25.51	1.92	3193.59		2.00	
MW-01	3219.46	6/2/2008	27.60	25.59	2.01	3193.49		2.00	
MW-01	3219.46	9/18/2008	27.76	26.10	1.66	3193.04		0.25	
MW-01	3219.46	10/30/2008	27.81	26.15	1.66	3192.99		1.50	
MW-01	3219.46	1/9/2009	27.80	26.30	1.50	3192.88		1.50	
MW-01	3219.46	2/23/2009	27.68	26.20	1.48	3192.98		0.65	
MW-01	3219.46	6/25/2009	28.03	26.51	1.52	3192.66			
MW-01	3219.46	9/1/2009	27.82	26.57	1.25	3192.65			
MW-01	3219.46	11/19/2009	27.78	26.59	1.19	3192.64			
MW-01	3219.46	12/15/2009						0.25	
MW-01	3219.46	1/14/2010	27.87	26.52	1.35	3192.68		0.20	
MW-01	3219.46	2/25/2010	27.79	26.47	1.32	3192.74		0.25	
MW-01	3219.46	3/31/2010	27.74	26.44	1.30	3192.77		0.20	
MW-01	3219.46	4/27/2010	27.76	26.53	1.23	3192.70		0.25	
MW-01	3219.46	5/27/2010	27.79	26.44	1.35	3192.76		0.75	
MW-01	3219.46	6/7/2010	27.74	26.64	1.10	3192.61		0.15	
MW-01	3219.46	7/20/2010	28.08	26.72	1.36	3192.48		0.10	
MW-01	3219.46	8/26/2010	28.04	26.89	1.15	3192.35		0.10	
MW-01	3219.46	9/23/2010	27.89	26.94	0.95	3192.34		0.10	
MW-01	3219.46	10/21/2010	28.05	27.00	1.05	3192.26		0.15	
MW-01	3219.46	11/18/2010	28.07	27.01	1.06	3192.25		0.10	
MW-01	3219.46	12/21/2010	28.03	27.10	0.93	3192.18		0.10	
MW-01	3219.46	1/19/2011	28.05	26.92	1.13	3192.33		0.15	
MW-01	3219.46	2/25/2011	28.21	26.99	1.22	3192.24		0.10	
MW-01	3219.46	3/8/2011		26.95	1.26		28.21	0.18	
MW-01	3219.46	4/29/2011		27.01	1.14		28.15	0.10	
MW-01	3219.46	5/19/2011	27.80	27.12	0.68	3192.21		0.05	
MW-01	3219.46	6/15/2011	28.12	27.21	0.91	3192.08	28.24	0.20	
MW-01	3219.46	7/27/2011		27.48	0.77		28.25	0.10	

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Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MW-01	3219.46	8/25/2011		27.65	0.58		28.23	0.10	
MW-01	3219.46	9/28/2011		27.96	0.26		28.22	0.25	
MW-01	3219.46	10/28/2011		27.79	0.42		28.21	0.50	
MW-01	3219.46	11/17/2011		27.82	0.40		28.22	0.05	
MW-01	3219.46	12/14/2011		28.14	0.02		28.16	0.05	
MW-01	3219.46	1/19/2012							
MW-01	3219.46	2/16/2012							
MW-01	3219.46	3/28/2012							
MW-01	3219.46	4/19/2012							
MW-01	3219.46	5/17/2012							
MW-01	3219.46	6/18/2012							
MW-01	3219.46	7/19/2012							
MW-01	3219.46	8/16/2012							
MW-01	3219.46	9/26/2012							
MW-01	3219.46	10/18/2012							
MW-01	3219.46	12/12/2012							
MW-01	3219.46	3/12/2013							
MW-01	3219.46	6/10/2013	28.58	28.57	0.01	3190.89			
MW-01	3219.46	9/18/2013							
MW-01	3219.46	12/4/2013							
MW-01	3219.46	3/10/2014							
MW-01	3219.46	6/2/2014							
MW-01	3219.46	9/29/2014							
MW-01	3219.46	12/3/2014							
MW-01	3219.46	3/27/2015							
MW-01	3219.46	6/25/2015							
MW-01	3219.46	9/21/2015							
MW-01	3219.46	12/17/2015							
MW-01	3219.46	3/31/2016							
MW-01	3219.46	6/30/2016							

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DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MW-01	3219.46	9/29/2016							
MW-01	3219.46	12/22/2016							
MW-01	3219.46	3/28/2017	28.12		0.00	3191.34	28.15		
MW-01	3219.46	6/29/2017	28.13		0.00	3191.33	28.17		
MW-01	3219.46	8/10/2017							
MW-01	3219.46	12/21/2017	27.63		0.00	3191.83	28.22		0.2
MW-01	3219.46	3/29/2018	27.80		0.00	3191.66	28.17		
MW-01	3219.46	6/21/2018	27.74		0.00	3191.72	28.19		
MW-01	3219.46	9/28/2018					28.15		
MW-01	3219.46	12/20/2018					28.22		
MW-01	3219.46	3/28/2019					28.20		
MW-01	3219.46	6/27/2019					28.15		
MW-01	3219.46	9/26/2019					28.15		
MW-01	3219.46	12/19/2019					28.22		
MW-01	3219.46	6/25/2020				Dry	28.16		
MW-02	3218.32	1/24/2006	24.00		0.00	3194.32			
MW-02	3218.32	2/15/2006	24.19		0.00	3194.13			
MW-02	3218.32	3/27/2006	23.98		0.00	3194.34			
MW-02	3218.32	6/19/2006	24.40		0.00	3193.92			
MW-02	3218.32	8/16/2006	24.65		0.00	3193.67			
MW-02	3218.32	9/11/2006	25.16		0.00	3193.16			
MW-02	3218.32	10/17/2006	24.35		0.00	3193.97			
MW-02	3218.32	11/13/2006	24.13		0.00	3194.19			
MW-02	3218.32	12/12/2006	24.66		0.00	3193.66			
MW-02	3218.32	2/26/2007	24.05		0.00	3194.27			
MW-02	3218.32	3/27/2007	24.02		0.00	3194.30			
MW-02	3218.32	5/24/2007	23.85		0.00	3194.47			
MW-02	3218.32	6/18/2007	23.89		0.00	3194.43			
MW-02	3218.32	7/19/2007	23.80		0.00	3194.52			

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PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MW-02	3218.32	8/16/2007	23.81		0.00	3194.51			
MW-02	3218.32	9/17/2007	24.66		0.00	3193.66			
MW-02	3218.32	11/15/2007	24.71		0.00	3193.61			
MW-02	3218.32	12/12/2007	24.58		0.00	3193.74			
MW-02	3218.32	1/11/2008	25.14		0.00	3193.18			
MW-02	3218.32	1/29/2008	25.50		0.00	3192.82			
MW-02	3218.32	2/8/2008	24.53		0.00	3193.79			
MW-02	3218.32	3/6/2008	24.57		0.00	3193.75			
MW-02	3218.32	5/2/2008	24.64		0.00	3193.68			
MW-02	3218.32	6/2/2008	24.82		0.00	3193.50			
MW-02	3218.32	9/18/2008	24.34		0.00	3193.98			
MW-02	3218.32	10/30/2008	25.40		0.00	3192.92			
MW-02	3218.32	12/2/2008	25.33		0.00	3192.99			
MW-02	3218.32	2/23/2009	25.38		0.00	3192.94			
MW-02	3218.32	6/25/2009	25.73		0.00	3192.59			
MW-02	3218.32	9/1/2009	25.77		0.00	3192.55			
MW-02	3218.32	11/19/2009	25.75		0.00	3192.57			
MW-02	3218.32	3/31/2010	25.56		0.00	3192.76			
MW-02	3218.32	6/7/2010	25.59		0.00	3192.73			
MW-02	3218.32	9/23/2010	26.20		0.00	3192.12			
MW-02	3218.32	12/21/2010	26.18		0.00	3192.14			
MW-02	3218.32	3/8/2011	26.13		0.00	3192.19			
MW-02	3218.32	6/15/2011	26.50		0.00	3191.82			
MW-02	3218.32	9/28/2011	27.12		0.00	3191.20			
MW-02	3218.32	12/14/2011	27.13		0.00	3191.19			
MW-02	3218.32	3/28/2012	27.03		0.00	3191.29			
MW-02	3218.32	6/18/2012	27.30		0.00	3191.02			
MW-02	3218.32	9/26/2012				Dry			
MW-02	3218.32	12/12/2012				Dry			
MW-02	3218.32	3/12/2013				Dry			

Table 1

Summary of Fluid Level Measurements and Fluids Recovery
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MW-02	3218.32	6/10/2013				Dry			
MW-02	3218.32	9/18/2013				Dry			
MW-02	3218.32	12/4/2013				Dry			
MW-02	3218.32	3/10/2014				Dry			
MW-02	3218.32	6/2/2014				Dry			
MW-02	3218.32	9/29/2014				Dry			
MW-02	3218.32	12/3/2014				Dry			
MW-02	3218.32	3/27/2015				Dry			
MW-02	3218.32	6/25/2015	27.87		0.00	3190.45			
MW-02	3218.32	9/21/2015				Dry			
MW-02	3218.32	12/17/2015	27.85		0.00	3190.47			
MW-02	3218.32	3/31/2016	27.55		0.00	3190.77			
MW-02	3218.32	6/30/2016				Dry			
MW-02	3218.32	9/29/2016				Dry			
MW-02	3218.32	12/22/2016				Dry			
MW-02	3218.32	3/28/2017	26.92		0.00	3191.40			
MW-02	3218.32	6/29/2017	27.14		0.00	3191.18			
MW-02	3218.32	8/10/2017	27.44		0.00	3190.88			
MW-02	3218.32	12/21/2017	26.26		0.00	3192.06			0.8
MW-02	3218.32	3/29/2018	26.57		0.00	3191.75			0.75
MW-02	3218.32	6/21/2018	26.45		0.00	3191.87			0.16
MW-02	3218.32	9/28/2018	27.11		0.00	3191.21			
MW-02	3218.32	12/20/2018	27.25		0.00	3191.07			
MW-02	3218.32	3/28/2019	27.26		0.00	3191.06	28.02		
MW-02	3218.32	6/27/2019	27.71		0.00	3190.61			
MW-02	3218.32	9/26/2019				Dry	27.93		
MW-02	3218.32	12/19/2019				Dry	28.07		
MW-02	3218.32	6/25/2020				Dry	27.98		
MW-03	3217.80	1/24/2006	23.46		0.00	3194.34			

Table 1

Summary of Fluid Level Measurements and Fluids Recovery
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MW-03	3217.80	2/15/2006	23.64		0.00	3194.16			
MW-03	3217.80	3/27/2006	23.41		0.00	3194.39			
MW-03	3217.80	6/19/2006	23.85		0.00	3193.95			
MW-03	3217.80	7/18/2006	24.03		0.00	3193.77			
MW-03	3217.80	8/16/2006	24.10		0.00	3193.70			
MW-03	3217.80	9/11/2006	23.54		0.00	3194.26			
MW-03	3217.80	10/17/2006	23.34		0.00	3194.46			
MW-03	3217.80	11/13/2006	23.61		0.00	3194.19			
MW-03	3217.80	12/12/2006	23.59		0.00	3194.21			
MW-03	3217.80	2/26/2007	23.48		0.00	3194.32			
MW-03	3217.80	3/27/2007	23.35		0.00	3194.45			
MW-03	3217.80	5/24/2007	23.24		0.00	3194.56			
MW-03	3217.80	6/18/2007	23.31		0.00	3194.49			
MW-03	3217.80	7/19/2007	23.26		0.00	3194.54			
MW-03	3217.80	8/16/2007	23.25		0.00	3194.55			
MW-03	3217.80	9/17/2007	24.13		0.00	3193.67			
MW-03	3217.80	11/15/2007	24.16		0.00	3193.64			
MW-03	3217.80	12/12/2007	24.04		0.00	3193.76			
MW-03	3217.80	1/11/2008				Dry			
MW-03	3217.80	1/29/2008	24.95		0.00	3192.85			
MW-03	3217.80	2/8/2008	24.03		0.00	3193.77			
MW-03	3217.80	3/6/2008	24.07		0.00	3193.73			
MW-03	3217.80	5/2/2008	24.10		0.00	3193.70			
MW-03	3217.80	6/2/2008	24.37		0.00	3193.43			
MW-03	3217.80	9/18/2008	24.81		0.00	3192.99			
MW-03	3217.80	10/30/2008	24.85		0.00	3192.95			
MW-03	3217.80	12/2/2008	24.80		0.00	3193.00			
MW-03	3217.80	2/23/2009	24.83		0.00	3192.97			
MW-03	3217.80	6/25/2009	25.19		0.00	3192.61			
MW-03	3217.80	9/1/2009	25.23		0.00	3192.57			

Table 1

Summary of Fluid Level Measurements and Fluids Recovery
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MW-03	3217.80	11/19/2009	25.20		0.00	3192.60			
MW-03	3217.80	3/31/2010	24.90		0.00	3192.90			
MW-03	3217.80	6/7/2010	25.04		0.00	3192.76			
MW-03	3217.80	9/23/2010	25.67		0.00	3192.13			
MW-03	3217.80	12/21/2010	25.60		0.00	3192.20			
MW-03	3217.80	3/8/2011	25.56		0.00	3192.24			
MW-03	3217.80	6/15/2011	25.98		0.00	3191.82			
MW-03	3217.80	9/28/2011	26.60		0.00	3191.20			
MW-03	3217.80	12/14/2011	26.59		0.00	3191.21			
MW-03	3217.80	3/28/2012	26.50		0.00	3191.30			
MW-03	3217.80	6/18/2012	27.75		0.00	3190.05			
MW-03	3217.80	9/26/2012	27.45		0.00	3190.35			
MW-03	3217.80	12/12/2012	27.43		0.00	3190.37			
MW-03	3217.80	3/12/2013	27.43		0.00	3190.37			
MW-03	3217.80	6/12/2013	27.51		0.00	3190.29			
MW-03	3217.80	9/18/2013	27.86		0.00	3189.94			
MW-03	3217.80	12/4/2013	27.65		0.00	3190.15			
MW-03	3217.80	3/10/2014	27.54		0.00	3190.26			
MW-03	3217.80	6/2/2014	27.80		0.00	3190.00			
MW-03	3217.80	9/29/2014	28.26		0.00	3189.54			
MW-03	3217.80	12/3/2014	27.81		0.00	3189.99			
MW-03	3217.80	3/27/2015	27.53		0.00	3190.27			
MW-03	3217.80	6/25/2015	27.32		0.00	3190.48			
MW-03	3217.80	9/21/2015	27.80		0.00	3190.00			
MW-03	3217.80	12/17/2015	27.31		0.00	3190.49			
MW-03	3217.80	3/31/2016	27.02		0.00	3190.78			
MW-03	3217.80	6/30/2016	27.25		0.00	3190.55			
MW-03	3217.80	9/29/2016	26.15		0.00	3191.65			
MW-03	3217.80	12/22/2016	26.40		0.00	3191.40			1.0
MW-03	3217.80	3/28/2017	26.35		0.00	3191.45			0.7

Table 1

Summary of Fluid Level Measurements and Fluids Recovery
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MW-03	3217.80	6/29/2017	26.60		0.00	3191.20			0.3
MW-03	3217.80	8/10/2017	26.89		0.00	3190.91			0.3
MW-03	3217.80	12/21/2017	25.70		0.00	3192.10			1.3
MW-03	3217.80	3/29/2018	26.02		0.00	3191.78			1.0
MW-03	3217.80	6/21/2018	25.83		0.00	3191.97			1.1
MW-03	3217.80	9/28/2018	26.56		0.00	3191.24			1.0
MW-03	3217.80	12/20/2018	26.70		0.00	3191.10			1.0
MW-03	3217.80	3/28/2019	26.72		0.00	3191.08	28.48		
MW-03	3217.80	6/27/2019	27.10		0.00	3190.70			0.25
MW-03	3217.80	9/26/2019	27.70		0.00	3190.10	28.38		0.10
MW-03	3217.80	12/19/2019	27.70		0.00	3190.10	28.46		0.10
MW-03	3217.80	6/25/2020	28.13		0.00	3189.67	28.33		
MW-04	3221.26	2/15/2006	27.06		0.00	3194.20			
MW-04	3221.26	3/27/2006	27.22		0.00	3194.04			
MW-04	3221.26	6/19/2006	27.58		0.00	3193.68			
MW-04	3221.26	7/18/2006	27.26		0.00	3194.00			
MW-04	3221.26	8/16/2006	27.84		0.00	3193.42			
MW-04	3221.26	9/11/2006	27.48		0.00	3193.78			
MW-04	3221.26	10/17/2006	28.53		0.00	3192.73			
MW-04	3221.26	11/13/2006	27.51		0.00	3193.75			
MW-04	3221.26	12/12/2006	27.44		0.00	3193.82			
MW-04	3221.26	2/26/2007	27.31		0.00	3193.95			
MW-04	3221.26	3/27/2007	27.37		0.00	3193.89			
MW-04	3221.26	5/24/2007	27.18		0.00	3194.08			
MW-04	3221.26	6/18/2007	27.15		0.00	3194.11			
MW-04	3221.26	7/19/2007	27.15		0.00	3194.11			
MW-04	3221.26	8/16/2007	27.15		0.00	3194.11			
MW-04	3221.26	9/17/2007	27.86		0.00	3193.40			
MW-04	3221.26	11/15/2007	27.89		0.00	3193.37			

Table 1

Summary of Fluid Level Measurements and Fluids Recovery
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MW-04	3221.26	12/12/2007	27.80		0.00	3193.46			
MW-04	3221.26	1/11/2008	27.81		0.00	3193.45			
MW-04	3221.26	1/29/2008	28.70		0.00	3192.56			
MW-04	3221.26	2/8/2008	27.80		0.00	3193.46			
MW-04	3221.26	3/6/2008	27.88		0.00	3193.38			
MW-04	3221.26	5/2/2008	27.89		0.00	3193.37			
MW-04	3221.26	6/2/2008	28.03		0.00	3193.23			
MW-04	3221.26	9/18/2008	28.46		0.00	3192.80			
MW-04	3221.26	10/30/2008	28.58		0.00	3192.68			
MW-04	3221.26	12/2/2008	28.52		0.00	3192.74			
MW-04	3221.26	2/23/2009	28.58		0.00	3192.68			
MW-04	3221.26	6/25/2009	28.91		0.00	3192.35			
MW-04	3221.26	9/1/2009	28.96		0.00	3192.30			
MW-04	3221.26	11/19/2009	28.96		0.00	3192.30			
MW-04	3221.26	4/1/2010	28.73		0.00	3192.53			
MW-04	3221.26	6/7/2010	28.80		0.00	3192.46			
MW-04	3221.26	9/23/2010	29.35		0.00	3191.91			
MW-04	3221.26	12/21/2010	29.36		0.00	3191.90			
MW-04	3221.26	3/8/2011	29.30		0.00	3191.96			
MW-04	3221.26	6/15/2011	29.65		0.00	3191.61			
MW-04	3221.26	9/28/2011	30.05		0.00	3191.21			
MW-04	3221.26	12/14/2011	30.25		0.00	3191.01			
MW-04	3221.26	3/28/2012	30.23		0.00	3191.03			
MW-04	3221.26	6/18/2012	30.41		0.00	3190.85			
MW-04	3221.26	9/26/2012				Dry			
MW-04	3221.26	12/12/2012				Dry			
MW-04	3221.26	3/12/2013				Dry			
MW-04	3221.26	6/10/2013				Dry			
MW-04	3221.26	9/18/2013				Dry			
MW-04	3221.26	12/4/2013				Dry			

Table 1

Summary of Fluid Level Measurements and Fluids Recovery
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MW-04	3221.26	3/10/2014				Dry			
MW-04	3221.26	6/2/2014				Dry			
MW-04	3221.26	9/29/2014	31.90		0.00	3189.36			
MW-04	3221.26	12/3/2014	31.60		0.00	3189.66			
MW-04	3221.26	3/27/2015	31.33		0.00	3189.93			
MW-04	3221.26	6/25/2015	31.12		0.00	3190.14			
MW-04	3221.26	9/21/2015	31.45		0.00	3189.81			
MW-04	3221.26	12/17/2015	31.12		0.00	3190.14			
MW-04	3221.26	3/31/2016	30.84		0.00	3190.42			
MW-04	3221.26	6/30/2016	30.94		0.00	3190.32			
MW-04	3221.26	9/29/2016	30.39		0.00	3190.87			
MW-04	3221.26	12/22/2016	30.35		0.00	3190.91			10.0
MW-04	3221.26	3/28/2017	30.20		0.00	3191.06			11.0
MW-04	3221.26	6/29/2017	30.33		0.00	3190.93			12.0
MW-04	3221.26	8/10/2017	30.60		0.00	3190.66			6.0
MW-04	3221.26	12/21/2017	29.62		0.00	3191.64			9.0
MW-04	3221.26	3/29/2018	29.91		0.00	3191.35			6.0
MW-04	3221.26	6/21/2018	29.68		0.00	3191.58			10.3
MW-04	3221.26	9/28/2018	30.25		0.00	3191.01			4
MW-04	3221.26	12/20/2018	30.44		0.00	3190.82			4.0
MW-04	3221.26	3/28/2019	30.44		0.00	3190.82	35.86		6.0
MW-04	3221.26	6/27/2019	30.73		0.00	3190.53			7.0
MW-04	3221.26	9/26/2019	31.21		0.00	3190.05	35.77		8.0
MW-04	3221.26	12/19/2019	31.32		0.00	3189.94	35.82		4.0
MW-04	3221.26	6/25/2020	31.72		0.00	3189.54	35.79		6.6
MW-05	3223.55	1/24/2006	29.35		0.00	3194.20			
MW-05	3223.55	2/15/2006	29.35		0.00	3194.20			
MW-05	3223.55	3/27/2006	29.31		0.00	3194.24			
MW-05	3223.55	6/19/2006	29.73		0.00	3193.82			

Table 1

Summary of Fluid Level Measurements and Fluids Recovery
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MW-05	3223.55	7/18/2006	29.33		0.00	3194.22			
MW-05	3223.55	8/16/2006	29.94		0.00	3193.61			
MW-05	3223.55	9/11/2006	29.59		0.00	3193.96			
MW-05	3223.55	10/17/2006	29.58		0.00	3193.97			
MW-05	3223.55	11/13/2006	29.50		0.00	3194.05			
MW-05	3223.55	12/12/2006	29.51		0.00	3194.04			
MW-05	3223.55	2/26/2007	29.39		0.00	3194.16			
MW-05	3223.55	3/27/2007	29.39		0.00	3194.16			
MW-05	3223.55	5/24/2007	29.24		0.00	3194.31			
MW-05	3223.55	6/18/2007	29.21		0.00	3194.34			
MW-05	3223.55	7/19/2007	29.21		0.00	3194.34			
MW-05	3223.55	8/16/2007	29.23		0.00	3194.32			
MW-05	3223.55	9/17/2007	29.89		0.00	3193.66			
MW-05	3223.55	11/15/2007	29.98		0.00	3193.57			
MW-05	3223.55	12/12/2007	29.88		0.00	3193.67			
MW-05	3223.55	1/11/2008	29.85		0.00	3193.70			
MW-05	3223.55	1/29/2008	30.80		0.00	3192.75			
MW-05	3223.55	2/8/2008	29.85		0.00	3193.70			
MW-05	3223.55	3/6/2008	29.91		0.00	3193.64			
MW-05	3223.55	5/2/2008	29.94		0.00	3193.61			
MW-05	3223.55	6/2/2008	30.10		0.00	3193.45			
MW-05	3223.55	9/18/2008	30.53		0.00	3193.02			
MW-05	3223.55	10/30/2008	30.65		0.00	3192.90			
MW-05	3223.55	12/2/2008	30.65		0.00	3192.90			
MW-05	3223.55	2/23/2009	30.71		0.00	3192.84			
MW-05	3223.55	6/25/2009	31.00		0.00	3192.55			
MW-05	3223.55	9/1/2009	31.01		0.00	3192.54			
MW-05	3223.55	11/19/2009	31.04		0.00	3192.51			
MW-05	3223.55	4/1/2010	30.78		0.00	3192.77			
MW-05	3223.55	6/7/2010	29.87		0.00	3193.68			

Table 1

Summary of Fluid Level Measurements and Fluids Recovery
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MW-05	3223.55	9/23/2010	31.40		0.00	3192.15			
MW-05	3223.55	12/21/2010	31.45		0.00	3192.10			
MW-05	3223.55	3/8/2011	31.41		0.00	3192.14			
MW-05	3223.55	6/15/2011	31.75		0.00	3191.80			
MW-05	3223.55	9/28/2011	32.28		0.00	3191.27			
MW-05	3223.55	12/14/2011	32.41		0.00	3191.14			
MW-05	3223.55	3/28/2012	32.35		0.00	3191.20			
MW-05	3223.55	6/18/2012	32.53		0.00	3191.02			
MW-05	3223.55	9/26/2012	33.12		0.00	3190.43			
MW-05	3223.55	12/12/2012	33.26		0.00	3190.29			
MW-05	3223.55	3/12/2013	33.25		0.00	3190.30			
MW-05	3223.55	6/12/2013	33.32		0.00	3190.23			
MW-05	3223.55	9/18/2013	33.61		0.00	3189.94			
MW-05	3223.55	12/4/2013	33.50		0.00	3190.05			
MW-05	3223.55	3/10/2014	33.40		0.00	3190.15			
MW-05	3223.55	6/2/2014	33.60		0.00	3189.95			
MW-05	3223.55	9/29/2014	34.04		0.00	3189.51			
MW-05	3223.55	12/3/2014	33.66		0.00	3189.89			
MW-05	3223.55	3/27/2015	33.40		0.00	3190.15			
MW-05	3223.55	6/25/2015	33.22		0.00	3190.33			
MW-05	3223.55	9/21/2015	33.61		0.00	3189.94			
MW-05	3223.55	12/17/2015	33.14		0.00	3190.41			
MW-05	3223.55	3/31/2016	32.87		0.00	3190.68			
MW-05	3223.55	6/30/2016	33.04		0.00	3190.51			
MW-05	3223.55	9/29/2016	33.20		0.00	3190.35			
MW-05	3223.55	12/22/2016	32.40		0.00	3191.15			2.5
MW-05	3223.55	3/28/2017	32.27		0.00	3191.28			1.7
MW-05	3223.55	6/29/2017	32.47		0.00	3191.08			9.0
MW-05	3223.55	8/10/2017	32.75		0.00	3190.80			4.5
MW-05	3223.55	12/21/2017	31.79		0.00	3191.76			11.5

Table 1

Summary of Fluid Level Measurements and Fluids Recovery
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MW-05	3223.55	3/29/2018	31.92		0.00	3191.63			5.0
MW-05	3223.55	6/21/2018	32.05		0.00	3191.50			9.0
MW-05	3223.55	9/28/2018	32.50		0.00	3191.05			3.0
MW-05	3223.55	12/20/2018	32.60		0.00	3190.95			3.0
MW-05	3223.55	3/28/2019	32.61		0.00	3190.94	37.83		7.0
MW-05	3223.55	6/27/2019	32.90		0.00	3190.65			6.0
MW-05	3223.55	9/26/2019	33.51		0.00	3190.04	37.72		
MW-05	3223.55	12/19/2019	33.60		0.00	3189.95	37.72		2.0
MW-05	3223.55	6/25/2020	34.16		0.00	3189.39	37.79		5.9
MW-06	3221.56	1/24/2006	27.78		0.00	3193.78			
MW-06	3221.56	2/15/2006	27.78		0.00	3193.78			
MW-06	3221.56	3/27/2006	27.70		0.00	3193.86			
MW-06	3221.56	6/19/2006	28.01		0.00	3193.55			
MW-06	3221.56	7/18/2006	27.77		0.00	3193.79			
MW-06	3221.56	8/16/2006	28.31		0.00	3193.25			
MW-06	3221.56	9/11/2006	28.05		0.00	3193.51			
MW-06	3221.56	10/17/2006	28.05		0.00	3193.51			
MW-06	3221.56	11/13/2006	27.91		0.00	3193.65			
MW-06	3221.56	12/12/2006	27.96		0.00	3193.60			
MW-06	3221.56	2/26/2007	27.83		0.00	3193.73			
MW-06	3221.56	3/27/2007	27.85		0.00	3193.71			
MW-06	3221.56	5/24/2007	27.73		0.00	3193.83			
MW-06	3221.56	6/18/2007	27.66		0.00	3193.90			
MW-06	3221.56	7/19/2007	27.70		0.00	3193.86			
MW-06	3221.56	8/16/2007	27.68		0.00	3193.88			
MW-06	3221.56	9/17/2007	28.29		0.00	3193.27			
MW-06	3221.56	11/15/2007	28.37		0.00	3193.19			
MW-06	3221.56	12/12/2007	28.31		0.00	3193.25			
MW-06	3221.56	1/11/2008	28.25		0.00	3193.31			

Table 1

Summary of Fluid Level Measurements and Fluids Recovery
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MW-06	3221.56	1/29/2008	29.20		0.00	3192.36			
MW-06	3221.56	2/8/2008	28.32		0.00	3193.24			
MW-06	3221.56	3/6/2008	28.37		0.00	3193.19			
MW-06	3221.56	5/2/2008	28.37		0.00	3193.19			
MW-06	3221.56	6/2/2008	28.52		0.00	3193.04			
MW-06	3221.56	9/18/2008	28.97		0.00	3192.59			
MW-06	3221.56	10/30/2008	29.00		0.00	3192.56			
MW-06	3221.56	12/2/2008	29.00		0.00	3192.56			
MW-06	3221.56	2/23/2009	29.07		0.00	3192.49			
MW-06	3221.56	6/25/2009	29.33		0.00	3192.23			
MW-06	3221.56	9/1/2009	29.42		0.00	3192.14			
MW-06	3221.56	11/19/2009	29.43		0.00	3192.13			
MW-06	3221.56	4/1/2010	29.25		0.00	3192.31			
MW-06	3221.56	6/7/2010	29.28		0.00	3192.28			
MW-06	3221.56	9/23/2010	29.75		0.00	3191.81			
MW-06	3221.56	12/21/2010	29.82		0.00	3191.74			
MW-06	3221.56	3/8/2011	29.77		0.00	3191.79			
MW-06	3221.56	6/15/2011	30.09		0.00	3191.47			
MW-06	3221.56	9/28/2011	30.56		0.00	3191.00			
MW-06	3221.56	12/14/2011	30.65		0.00	3190.91			
MW-06	3221.56	3/28/2012	30.71		0.00	3190.85			
MW-06	3221.56	6/18/2012	30.83		0.00	3190.73			
MW-06	3221.56	9/26/2012	31.30		0.00	3190.26			
MW-06	3221.56	12/12/2012	31.44		0.00	3190.12			
MW-06	3221.56	3/12/2013	31.59		0.00	3189.97			
MW-06	3221.56	6/10/2013	31.62		0.00	3189.94			
MW-06	3221.56	9/18/2013	31.86		0.00	3189.70			
MW-06	3221.56	12/4/2013	31.78		0.00	3189.78			
MW-06	3221.56	3/10/2014	31.81		0.00	3189.75			
MW-06	3221.56	6/2/2014	31.89		0.00	3189.67			

Table 1

Summary of Fluid Level Measurements and Fluids Recovery
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MW-06	3221.56	9/29/2014	32.25		0.00	3189.31			
MW-06	3221.56	12/3/2014	32.07		0.00	3189.49			
MW-06	3221.56	3/27/2015	31.83		0.00	3189.73			
MW-06	3221.56	6/25/2015	31.65		0.00	3189.91			
MW-06	3221.56	9/21/2015	31.91		0.00	3189.65			
MW-06	3221.56	12/17/2015	31.64		0.00	3189.92			
MW-06	3221.56	3/31/2016	31.36		0.00	3190.20			
MW-06	3221.56	6/30/2016	31.38		0.00	3190.18			
MW-06	3221.56	9/29/2016	31.20		0.00	3190.36			
MW-06	3221.56	12/22/2016	31.00		0.00	3190.56			2.5
MW-06	3221.56	3/28/2017	30.76		0.00	3190.80			4.8
MW-06	3221.56	6/29/2017	30.83		0.00	3190.73			12.0
MW-06	3221.56	8/10/2017	31.05		0.00	3190.51			6.0
MW-06	3221.56	12/21/2017	30.29		0.00	3191.27			12.5
MW-06	3221.56	3/29/2018	30.40		0.00	3191.16			6.0
MW-06	3221.56	6/21/2018	30.34		0.00	3191.22			8.9
MW-06	3221.56	9/28/2018	30.76		0.00	3190.80			4.0
MW-06	3221.56	12/20/2018	30.94		0.00	3190.62			4.0
MW-06	3221.56	3/28/2019	30.94		0.00	3190.62	36.80		7.0
MW-06	3221.56	6/27/2019	31.20		0.00	3190.36			7.0
MW-06	3221.56	9/26/2019	31.58		0.00	3189.98	36.69		10.0
MW-06	3221.56	12/19/2019	31.74		0.00	3189.82	36.69		8.0
MW-06	3221.56	6/25/2020	32.11		0.00	3189.45	36.55		7.2
MWA-01	3218.72	2/15/2006	26.84		0.00	3191.88			
MWA-01	3218.72	3/27/2006	24.59		0.00	3194.13			
MWA-01	3218.72	6/19/2006	25.94		0.00	3192.78			
MWA-01	3218.72	7/17/2006	24.64		0.00	3194.08			
MWA-01	3218.72	8/16/2006	25.25		0.00	3193.47			
MWA-01	3218.72	9/11/2006	24.90		0.00	3193.82			

Table 1

Summary of Fluid Level Measurements and Fluids Recovery
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MWA-01	3218.72	10/17/2006	24.91		0.00	3193.81			
MWA-01	3218.72	11/13/2006	24.84		0.00	3193.88			
MWA-01	3218.72	12/12/2006	24.84		0.00	3193.88			
MWA-01	3218.72	2/26/2007	24.72		0.00	3194.00			
MWA-01	3218.72	3/27/2007	25.06		0.00	3193.66			
MWA-01	3218.72	5/24/2007	25.90		0.00	3192.82			
MWA-01	3218.72	6/18/2007	24.54		0.00	3194.18			
MWA-01	3218.72	7/19/2007	24.50		0.00	3194.22			
MWA-01	3218.72	8/16/2007	24.51		0.00	3194.21			
MWA-01	3218.72	9/17/2007	25.20		0.00	3193.52			
MWA-01	3218.72	11/15/2007	25.24		0.00	3193.48			
MWA-01	3218.72	12/12/2007	25.19		0.00	3193.53			
MWA-01	3218.72	1/11/2008	24.55		0.00	3194.17			
MWA-01	3218.72	1/29/2008	26.25		0.00	3192.47			
MWA-01	3218.72	2/8/2008	25.22		0.00	3193.50			
MWA-01	3218.72	3/6/2008	25.26		0.00	3193.46			
MWA-01	3218.72	5/2/2008	25.23		0.00	3193.49			
MWA-01	3218.72	6/2/2008	25.40		0.00	3193.32			
MWA-01	3218.72	9/18/2008	25.90		0.00	3192.82			
MWA-01	3218.72	10/30/2008	25.92		0.00	3192.80			
MWA-01	3218.72	12/2/2008	25.90		0.00	3192.82			
MWA-01	3218.72	2/23/2009	25.97		0.00	3192.75			
MWA-01	3218.72	6/25/2009	26.26		0.00	3192.46			
MWA-01	3218.72	9/1/2009	26.32		0.00	3192.40			
MWA-01	3218.72	11/19/2009	26.34		0.00	3192.38			
MWA-01	3218.72	4/1/2010	26.16		0.00	3192.56			
MWA-01	3218.72	6/7/2010	26.16		trace	3192.56			
MWA-01	3218.72	9/23/2010	26.68		trace	3192.04			
MWA-01	3218.72	12/21/2010	26.70		0.00	3192.02			
MWA-01	3218.72	3/8/2011	26.88		0.00	3191.84			

Table 1

Summary of Fluid Level Measurements and Fluids Recovery
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MWA-01	3218.72	6/15/2011	27.00		0.00	3191.72			
MWA-01	3218.72	9/28/2011	27.55		0.00	3191.17			
MWA-01	3218.72	12/14/2011	27.63		0.00	3191.09			
MWA-01	3218.72	3/28/2012	27.60		0.00	3191.12			
MWA-01	3218.72	6/18/2012	27.78		0.00	3190.94			
MWA-01	3218.72	9/26/2012	28.33	28.31	0.02	3190.41			
MWA-01	3218.72	12/12/2012	28.48	28.45	0.03	3190.26			
MWA-01	3218.72	3/12/2013	28.51	28.48	0.03	3190.23			
MWA-01	3218.72	6/10/2013				Dry			
MWA-01	3218.72	9/18/2013	28.84		0.00	3189.88			
MWA-01	3218.72	12/4/2013	28.71		0.00	3190.01			
MWA-01	3218.72	3/10/2014	28.66		0.00	3190.06			
MWA-01	3218.72	6/2/2014	28.85		0.00	3189.87			
MWA-01	3218.72	9/29/2014	29.27		0.00	3189.45			
MWA-01	3218.72	12/3/2014	28.95		0.00	3189.77			
MWA-01	3218.72	3/27/2015	28.70		0.00	3190.02			
MWA-01	3218.72	6/25/2015	28.50		0.00	3190.22			
MWA-01	3218.72	9/21/2015	28.85		0.00	3189.87			
MWA-01	3218.72	12/17/2015	28.49		0.00	3190.23			
MWA-01	3218.72	3/31/2016	28.21		0.00	3190.51			
MWA-01	3218.72	6/30/2016	28.29		0.00	3190.43			
MWA-01	3218.72	9/29/2016	27.76		0.00	3190.96			
MWA-01	3218.72	12/22/2016	27.71		0.00	3191.01			3.0
MWA-01	3218.72	3/28/2017	27.59		0.00	3191.13			0.7
MWA-01	3218.72	6/29/2017	27.73		0.00	3190.99	34.40		3.0
MWA-01	3218.72	8/10/2017	27.94		0.00	3190.78			1.0
MWA-01	3218.72	12/21/2017	27.03		0.00	3191.69			3.5
MWA-01	3218.72	3/29/2018	27.26		0.00	3191.46			3.0
MWA-01	3218.72	6/21/2018	27.10		0.00	3191.62			3.5
MWA-01	3218.72	9/28/2018	27.73		0.00	3190.99			1.0

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Summary of Fluid Level Measurements and Fluids Recovery
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MWA-01	3218.72	12/20/2018				Dry			1.0
MWA-01	3218.72	3/28/2019	27.85		0.00	3190.87	34.42		2.0
MWA-01	3218.72	6/27/2019	28.15		0.00	3190.57			2.0
MWA-01	3218.72	9/26/2019	28.62		0.00	3190.10	34.34		1.5
MWA-01	3218.72	12/19/2019	28.73		0.00	3189.99	34.34		2.0
MWA-01	3218.72	6/25/2020	29.11		0.00	3189.61	34.28		3.3
MWA-02	3220.02	1/24/2006	26.01		0.00	3194.01			
MWA-02	3220.02	1/24/2006	24.64		0.00	3195.38			
MWA-02	3220.02	2/15/2006	26.20		0.00	3193.82			
MWA-02	3220.02	3/27/2006	25.95		0.00	3194.07			
MWA-02	3220.02	6/19/2006	26.30		0.00	3193.72			
MWA-02	3220.02	7/17/2006	26.01		0.00	3194.01			
MWA-02	3220.02	8/16/2006	26.57		0.00	3193.45			
MWA-02	3220.02	9/11/2006	26.24		0.00	3193.78			
MWA-02	3220.02	10/17/2006	26.27		0.00	3193.75			
MWA-02	3220.02	11/13/2006	26.21		0.00	3193.81			
MWA-02	3220.02	12/12/2006	26.61		0.00	3193.41			
MWA-02	3220.02	2/26/2007	26.06		0.00	3193.96			
MWA-02	3220.02	3/27/2007	26.07		0.00	3193.95			
MWA-02	3220.02	5/24/2007	25.90		0.00	3194.12			
MWA-02	3220.02	6/18/2007	25.88		0.00	3194.14			
MWA-02	3220.02	7/19/2007	25.92		0.00	3194.10			
MWA-02	3220.02	8/16/2007	25.93		0.00	3194.09			
MWA-02	3220.02	9/17/2007				Dry			
MWA-02	3220.02	11/15/2007				Dry			
MWA-02	3220.02	12/12/2007				Dry			
MWA-02	3220.02	1/11/2008	24.02		0.00	3196.00			
MWA-02	3220.02	2/8/2008				Dry			
MWA-02	3220.02	3/3/2008				Dry			

Table 1

Summary of Fluid Level Measurements and Fluids Recovery
DCP Midstream, LP
PCA Junction Compressor Station
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Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MWA-02	3220.02	5/2/2008				Dry			
MWA-02	3220.02	6/2/2008				Dry			
MWA-02	3220.02	9/18/2008				Dry			
MWA-02	3220.02	10/30/2008				Dry			
MWA-02	3220.02	12/2/2008				Dry			
MWA-02	3220.02	2/23/2009				Dry			
MWA-02	3220.02	6/25/2009				Dry			
MWA-02	3220.02	9/1/2009				Dry			
MWA-02	3220.02	11/19/2009				Dry			
MWA-02	3220.02	3/24/2010				Dry			
MWA-02	3220.02	6/7/2010				Dry			
MWA-02	3220.02	9/23/2010				Dry			
MWA-02	3220.02	12/21/2010				Dry			
MWA-02	3220.02	3/8/2011				Dry			
MWA-02	3220.02	6/15/2011				Dry			
MWA-02	3220.02	9/28/2011				Dry			
MWA-02	3220.02	12/14/2011				Dry			
MWA-02	3220.02	3/28/2012				Dry			
MWA-02	3220.02	6/18/2012				Dry			
MWA-02	3220.02	9/26/2012				Dry			
MWA-02	3220.02	12/12/2012				Dry			
MWA-02	3220.02	3/12/2013				Dry			
MWA-02	3220.02	6/10/2013				Dry			
MWA-02	3220.02	9/18/2013				Dry			
MWA-02	3220.02	12/4/2013				Dry			
MWA-02	3220.02	3/10/2014				Dry			
MWA-02	3220.02	6/2/2014				Dry			
MWA-02	3220.02	9/29/2014				Dry			
MWA-02	3220.02	12/3/2014				Dry			
MWA-02	3220.02	3/27/2015				Dry			

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PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Elevation of Top of Casing (famsl)	Date	Depth to Water (fbtoc)	Depth to LNAPL (fbtoc)	Thickness of LNAPL (ft.)	Elevation of Potentiometric Surface (famsl)	Measured Total Depth (fbtoc)	Volume Product Removed (gal.)	Volume Groundwater Bailed (gal.)
MWA-02	3220.02	6/25/2015				Dry			
MWA-02	3220.02	9/21/2015				Dry			
MWA-02	3220.02	12/17/2015				Dry			
MWA-02	3220.02	3/31/2016				Dry			
MWA-02	3220.02	6/30/2016				Dry			
MWA-02	3220.02	9/29/2016				Dry			
MWA-02	3220.02	12/22/2016				Dry			
MWA-02	3220.02	3/28/2017				Dry			
MWA-02	3220.02	6/29/2017				Dry			
MWA-02	3220.02	8/10/2017				Dry			
MWA-02	3220.02	12/21/2017				Dry			
MWA-02	3220.02	3/29/2018				Dry			
MWA-02	3220.02	6/21/2018				Dry			
MWA-02	3220.02	9/28/2018				Dry			
MWA-02	3220.02	12/20/2018				Dry			
MWA-02	3220.02	3/28/2019				Dry	26.63		
MWA-02	3220.02	6/27/2019				Dry			
MWA-02	3220.02	9/26/2019				Dry	26.58		
MWA-02	3220.02	12/19/2019				Dry	26.65		
MWA-02	3220.02	6/25/2020				Dry	26.60		

Notes and Abbreviations:

1. famsl = feet above mean sea level
2. LNAPL = Light non-aqueous phase liquids
3. fbtoc = feet below top of casing
4. Where measureable LNAPL was present, elevation of the potentiometric surface was calculated using 0.81 as specific gravity of LNAPL

Table 2

Summary of Analytical Results and Physical Parameters in Groundwater
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	pH (s.u.)	Conductivity (µS/cm)	Temperature (°C)	DO (mg/l)	ORP (mV)
NMWQCCHuman Health Standards		***5***	***1000***	***700***	***620***					
MW-01	1/11/08		LNAPL present							
MW-01	2/8/08		LNAPL present							
MW-01	3/3/08		LNAPL present							
MW-01	5/2/08		LNAPL present							
MW-01	6/2/08		LNAPL present							
MW-01	9/18/08		LNAPL present							
MW-01	10/30/08		LNAPL present							
MW-01	1/9/09		LNAPL present							
MW-01	2/23/09		LNAPL present							
MW-01	6/25/09		LNAPL present							
MW-01	9/1/09		LNAPL present							
MW-01	11/19/09		LNAPL present							
MW-01	1/14/10		LNAPL present							
MW-01	2/25/10		LNAPL present							
MW-01	3/31/10		LNAPL present							
MW-01	6/7/10		LNAPL present							
MW-01	9/23/10		LNAPL present							
MW-01	12/21/10		LNAPL present							
MW-01	3/8/11		LNAPL present							
MW-01	6/15/11		LNAPL present							
MW-01	9/28/11		LNAPL present							
MW-01	12/14/11		LNAPL present							
MW-01	3/28/12		Well Dry							
MW-01	6/18/12		Well Dry							
MW-01	9/26/12		Well Dry							
MW-01	12/12/12		Well Dry							
MW-01	3/12/13		Well Dry							
MW-01	6/10/13		LNAPL present							
MW-01	9/18/13		Well Dry							
MW-01	12/4/13		Well Dry							
MW-01	3/10/14		Well Dry							
MW-01	6/2/14		Well Dry							
MW-01	9/29/14		Well Dry							
MW-01	12/3/14		Well Dry							
MW-01	3/27/15		Well Dry							
MW-01	6/25/15		Well Dry							
MW-01	9/21/15		Well Dry							
MW-01	12/17/15		Well Dry							
MW-01	3/31/16		Well Dry							
MW-01	6/30/16		Well Dry							
MW-01	9/29/16		Well Dry							
MW-01	12/22/16		Well Dry							
MW-01	3/28/17		Insufficient water column							

Table 2

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DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	pH (s.u.)	Conductivity (µS/cm)	Temperature (°C)	DO (mg/l)	ORP (mV)
NMWQCCHuman Health Standards		***5***	***1000***	***700***	***620***					
MW-01	6/29/17		Insufficient water column							
MW-01	8/10/17		Well Dry							
MW-01	12/21/17	**18.2**	3.73	3.02	10.9	6.54	3624	15.30		
MW-01	3/29/18		Insufficient water column							
MW-01	6/21/18		Insufficient water column							
MW-01	9/28/18		Insufficient water column							
MW-01	12/20/18		Insufficient water column							
MW-01	3/28/19		Dry							
MW-01	6/27/19		Dry							
MW-01	9/26/19		Dry							
MW-01	12/19/19		Dry							
MW-01	6/25/20		Dry							
MW-02	3/6/08	<1.0	<5.0	<1.0	<3.0	7.08	2863	14.92	8.91	98.9
MW-02	6/2/08	<0.46	<0.48	<0.45	<1.4	7.01	3225	19.50	4.92	86.4
MW-02	9/18/08	<0.46	<0.48	<0.45	<1.4	6.65	3422	19.44	3.52	63.9
MW-02	12/2/08	<0.46	<0.48	<0.45	<1.4	7.02	3233	18.91	4.91	246.4
MW-02	2/23/09	<0.46	<0.48	<0.45	<1.4	7.17	3215	18.96	4.71	258.1
MW-02	6/25/09	<2.0	<2.0	<2.0	<6.0	6.70	4200	21.30	5.16	162.0
MW-02	9/1/09	<2.0	<2.0	<2.0	<6.0					
MW-02	11/19/09	<0.50	<0.43	<0.55	<1.7	7.26	3110	20.16		
MW-02	3/31/10	<0.50	<0.43	<0.55	<1.8	7.21	3200	21.80		
MW-02	6/7/10	<0.50	<0.43	<0.55	<1.7	7.27	3430	24.22		
MW-02	9/23/10	<0.50	<0.43	<0.55	<1.7	6.85	3796	19.30		
MW-02	12/21/10	<0.50	<0.43	<0.55	<1.7	7.10	3911	19.40		
MW-02	3/8/11	<0.50	<0.43	<0.55	<1.7	7.04	3625	19.40		
MW-02	6/15/11	<0.25	<0.26	<0.25	<0.71	6.71	3926	24.20		
MW-02	9/28/11	<0.25	<0.26	<0.25	<0.71	7.13	413	25.20		
MW-02	12/14/11	<0.25	0.38	0.27	<0.71	7.14	3674	19.60		
MW-02	3/28/12	<0.25	<0.26	<0.25	<0.71	7.73	3433	21.50		
MW-02	6/18/12	<0.25	<0.26	<0.25	<0.71	7.03	5124	23.20		
MW-02	9/26/12		Well Dry							
MW-02	12/12/12		Well Dry							
MW-02	3/12/13		Well Dry							
MW-02	6/10/13		Well Dry							
MW-02	9/18/13		Well Dry							
MW-02	12/4/13		Well Dry							
MW-02	3/10/14		Well Dry							
MW-02	6/2/14		Well Dry							
MW-02	9/29/14		Well Dry							
MW-02	12/3/14		Well Dry							
MW-02	3/27/15		Well Dry							
MW-02	6/25/15		Insufficient Water							

Table 2

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Eddy County, New Mexico

Well ID	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	pH (s.u.)	Conductivity (µS/cm)	Temperature (°C)	DO (mg/l)	ORP (mV)
NMWQCCHuman Health Standards		***5***	***1000***	***700***	***620***					
MW-02	9/21/15		Well Dry							
MW-02	12/17/15		Insufficient Water							
MW-02	3/31/16		Insufficient Water							
MW-02	6/30/16		Well Dry							
MW-02	9/29/16		Well Dry							
MW-02	12/22/16		Well Dry							
MW-02	3/28/17	<1.0	<1.0	<1.0	<3.0	Insufficient water column for readings				
MW-02	6/29/17	<1.0	<1.0	<1.0	<3.0	Insufficient water column for readings				
MW-02	8/10/17		Insufficient water column							
MW-02	12/21/17	<1.0	<1.0	<1.0	<3.0	6.85	2568	13.90		
MW-02	3/29/18	<1.0	<1.0	<1.0	<3.0	6.96	3007	15.61		
MW-02	6/21/18	<1.0	<1.0	<1.0	<3.0	4.54	3219	20.37		
MW-02	9/28/18	<0.331	<0.412	<0.384	<1.06	6.81	3029	20.99		
MW-02	12/20/18	<0.331	<0.412	<0.384	<1.06	Insufficient water column for readings				
MW-02	3/28/19		Insufficient water column to sample							
MW-02	6/27/19		Insufficient water column to sample							
MW-02	9/26/19		Dry							
MW-02	12/19/19		Dry							
MW-02	6/25/20		Dry							
MW-03	3/6/08	<1.0	<5.0	<1.0	<3.0	6.71	2105	15.18	6.69	103.8
MW-03	6/2/08	<0.46	<0.48	<0.45	<1.4	6.70	2479	19.92	3.46	153.3
MW-03	9/18/08	<0.46	<0.48	<0.45	<1.4	6.11	2992	19.16	2.40	68.9
MW-03	12/2/08	<0.46	<0.48	<0.45	<1.4	6.71	2630	18.76	2.92	240.3
MW-03	2/23/09	<0.46	<0.48	<0.45	<1.4	6.85	2595	18.70	2.98	243.1
MW-03	6/25/09	<2.0	<2.0	<2.0	<6.0	6.40	3600	21.30	5.15	187.0
MW-03	9/1/09	<2.0	<2.0	<2.0	<6.0					
MW-03	11/19/09	<0.50	<0.43	<0.55	<1.7	6.96	2410	19.39		
MW-03	3/31/10	<0.50	<0.43	<0.55	<1.8	7.05	2580	21.05		
MW-03	6/7/10	<0.50	<0.43	<0.55	<1.7	6.93	3030	23.67		
MW-03	9/23/10	<0.50	<0.43	<0.55	<1.7	6.80	3275	18.90		
MW-03	12/21/10	<0.50	<0.43	<0.55	<1.7	6.94	3367	19.30		
MW-03	3/8/11	<0.50	<0.43	<0.55	<1.7	6.96	3110	19.30		
MW-03	6/15/11	<0.25	<0.26	<0.25	<0.71	6.74	3256	22.40		
MW-03	9/28/11	<0.25	<0.26	<0.25	<0.71	6.81	540	24.80		
MW-03	12/14/11	<0.25	<0.26	<0.25	<0.71	6.91	4038	19.00		
MW-03	3/28/12	<0.25	<0.26	<0.25	<0.71	7.33	3213	19.50		
MW-03	6/18/12	<0.25	<0.26	<0.25	<0.71	7.02	3418	23.10		
MW-03	9/26/12	<1.0	<1.0	<1.0	<3.0	7.14	7553	21.30		
MW-03	12/12/12	<1.0	<1.0	<1.0	<3.0	7.24	5611	18.20		
MW-03	3/12/13	<1.0	<1.0	<1.0	<3.0	7.69	4520	18.80		
MW-03	6/12/13	<1.0	<1.0	<1.0	<3.0	6.62	3660	25.40		
MW-03	9/18/13	<1.0	<1.0	<1.0	<3.0	6.83	4187	21.90		

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NMWQCCHuman Health Standards		***5***	***1000***	***700***	***620***					
MW-03	12/4/13	<1.0	<1.0	<1.0	<3.0	6.62	4670	19.20		
MW-03	3/10/14	<1.0	<1.0	<1.0	<3.0	7.15	4015	21.20		
MW-03	6/2/14	<1.0	<1.0	<1.0	<3.0	7.16	3757	24.10		
MW-03	9/29/14		Well Dry							
MW-03	12/3/14	<0.34	<0.33	<0.32	<0.87	8.50	5727	17.40		
MW-03	3/27/15	<1.0	<1.0	<1.0	<3.0	6.65	3764	21.40		
MW-03	6/25/15	<1.0	<1.0	<1.0	<3.0	7.07	3548	23.50		
MW-03	9/21/15	<1.0	<1.0	<1.0	<3.0	8.05	3368	22.20		
MW-03	12/17/15	<1.0	<1.0	<1.0	<3.0	6.36	3897	16.20		
MW-03	3/31/16	<1.0	<1.0	<1.0	<3.0	8.91	4701	20.70		
MW-03	6/30/16	<1.0	<1.0	<1.0	<3.0	Not enough sample for readings.				
MW-03	9/29/16	<1.0	<1.0	<1.0	<3.0	6.79	3725	22.40		
MW-03	12/22/16	<1.0	<1.0	<1.0	<3.0	7.94	3832	16.90		
MW-03	3/28/17	<1.0	<1.0	<1.0	<3.0	6.79	1270	19.90		
MW-03	6/29/17	<1.0	<1.0	<1.0	<3.0	6.98	2473	24.45		
MW-03	8/10/17	<1.0	<1.0	<1.0	<3.0	5.63	2218	20.68		
MW-03	12/21/17	<1.0	<1.0	<1.0	<3.0	6.74	1906	14.05		
MW-03	3/29/18	<1.0	<1.0	<1.0	<3.0	6.97	1983	15.48		
MW-03	6/21/18	<1.0	<1.0	<1.0	<3.0	4.18	2141	20.51		
MW-03	9/28/18	<0.331	<0.412	<0.384	<1.06	6.93	2284	19.73		
MW-03	12/20/18	<0.331	<0.412	<0.384	<1.06	6.85	1949	18.90		
MW-03	3/28/19	<0.331	<0.412	<0.384	<1.06	7.04	2190	20.10		
MW-03	6/27/19	<0.331	<0.412	<0.384	<1.06	6.83	2379	21.50		
MW-03	9/26/19	<0.331	<0.412	<0.384	<1.06	7.42	2228	22.67		
MW-03	12/19/19	<0.331	<0.412	<0.384	<1.06					
MW-03	6/25/20	Insufficient Water to Sample								
MW-04	3/6/08	<1.0	<5.0	<1.0	<3.0	7.01	2638	14.97	10.08	88.7
MW-04	6/2/08	<0.46	<0.48	<0.45	<1.4	7.01	2977	20.04	4.63	144.2
MW-04	9/18/08	<0.46	<0.48	<0.45	<1.4	6.55	3111	19.66	3.96	113.0
MW-04	12/2/08	<0.46	<0.48	<0.45	<1.4	7.04	2981	19.03	5.28	180.4
MW-04	2/23/09	<0.46	<0.48	<0.45	<1.4	7.11	2946	19.29	5.07	227.1
MW-04	6/25/09	<2.0	<2.0	<2.0	<6.0	6.90	3700	20.70	7.11	186.0
MW-04	9/1/09	<2.0	<2.0	<2.0	<6.0					
MW-04	11/19/09	<0.50	<0.43	<0.55	<1.7	7.29	2920	20.11		
MW-04	4/1/10	<0.50	<0.43	<0.55	<1.8	7.28	3020	19.05		
MW-04	6/7/10	<0.50	<0.43	<0.55	<1.7	7.11	3370	23.17		
MW-04	9/23/10	<0.50	<0.43	<0.55	<1.7	6.74	4087	19.30		
MW-04	12/21/10	<0.50	<0.43	<0.55	<1.7	7.09	3993	19.40		
MW-04	3/8/11	<0.50	<0.43	<0.55	<1.7	7.12	3550	19.40		
MW-04	6/15/11	<0.25	<0.26	<0.25	<0.71	6.83	3679	20.70		
MW-04	9/28/11	<0.25	<0.26	<0.25	<0.71	7.15	4111	20.70		
MW-04 (Dup)	9/28/11	<0.25	<0.26	<0.25	<0.71					

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Well ID	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	pH (s.u.)	Conductivity (µS/cm)	Temperature (°C)	DO (mg/l)	ORP (mV)
NMWQCCHuman Health Standards		***5***	***1000***	***700***	***620***					
MW-04	12/14/11	<0.25	<0.26	<0.25	<0.71	7.07	4831	17.20		
MW-04	3/28/12	<0.25	<0.26	<0.25	<0.71	7.25	3757	20.00		
MW-04	6/18/12	<0.25	<0.26	<0.25	<0.71	7.17	3621	20.40		
MW-04	9/26/12		Well Dry							
MW-04	12/12/12		Well Dry							
MW-04	3/12/13		Well Dry							
MW-04	6/10/13		Well Dry							
MW-04	9/18/13		Well Dry							
MW-04	12/4/13		Well Dry							
MW-04	3/10/14		Well Dry							
MW-04	6/2/14		Well Dry							
MW-04	9/29/14		Well Dry							
MW-04	12/3/14	<0.34	<0.33	<0.32	<0.87	8.16	4632	18.40		
MW-04	3/27/15	<1.0	<1.0	<1.0	<3.0	6.66	4765	20.20		
MW-04	6/25/15	<1.0	<1.0	<1.0	<3.0	7.07	3794	19.50		
MW-04	9/21/15	<1.0	<1.0	<1.0	<3.0	8.04	4890	20.10		
MW-04	12/17/15	<1.0	<1.0	<1.0	<3.0	6.43	4696	18.00		
MW-04	3/31/16	<1.0	<1.0	<1.0	<3.0	8.59	4717	22.10		
MW-04	6/30/16	<1.0	<1.0	<1.0	<3.0	9.47	4157	20.10		
MW-04	9/29/16	<1.0	<1.0	<1.0	<3.0	6.19	4798	21.20		
MW-04	12/22/16	<1.0	<1.0	<1.0	<3.0	7.83	5103	17.40		
MW-04	3/28/17	<1.0	<1.0	<1.0	<3.0	6.87	4500	20.40		
MW-04	6/29/17	<1.0	<1.0	<1.0	<3.0	7.03	4132	21.66		
MW-04	8/10/17	<1.0	<1.0	<1.0	<3.0	5.47	4569	20.18		
MW-04	12/21/17	<1.0	<1.0	<1.0	<3.0	6.85	3812	14.30		
MW-04	3/29/18	<1.0	<1.0	<1.0	<3.0	6.83	3713	15.31		
MW-04	6/21/18	<1.0	<1.0	<1.0	<3.1	5.03	4271	19.82		
MW-04	9/28/18	<0.331	<0.412	<0.384	<1.06	6.89	4780	19.51		
MW-04	12/20/18	<0.331	<0.412	<0.384	<1.06	6.87	4301	17.60		
MW-04	3/28/19	<0.331	<0.412	<0.384	<1.06	6.89	4970	19.80		
MW-04	6/27/19	<0.331	<0.412	<0.384	<1.06	6.62	4751	21.10		
MW-04 (DUP1)	6/27/19	<0.331	<0.412	<0.384	<1.06	6.62	4751	21.10		
MW-04	9/26/19	<0.331	<0.412	<0.384	<1.06	7.22	5534	20.19		
MW-04	12/19/19	<0.331	<0.412	<0.384	<1.06					
MW-04	6/25/20	<0.0941	<0.278	<0.137	<0.174	7.01	549	21.8		
MW-05	3/6/08	6.5	<5.0	<1.0	<3.0	7.16	5431	14.02	9.09	95.1
MW-05 (Dup)	3/6/08	6.9	<5.0	<1.0	<3.0					
MW-05	6/2/08	<0.46	<0.48	<0.45	<1.4	7.27	6294	20.43	4.88	98.3
MW-05	9/18/08	<0.46	<0.48	<0.45	<1.4	6.80	6615	20.00	3.91	19.6
MW-05	12/2/08	<0.46	<0.48	<0.45	<1.4	7.25	6139	19.36	5.18	257.1
MW-05	2/23/09	<0.46	<0.48	<0.45	<1.4	7.29	6158	19.50	4.30	296.1
MW-05	6/25/09	<2.0	<2.0	<2.0	<6.0	6.80	9300	22.30	5.36	126.0

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PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	pH (s.u.)	Conductivity (µS/cm)	Temperature (°C)	DO (mg/l)	ORP (mV)
NMWQCCHuman Health Standards		***5***	***1000***	***700***	***620***					
MW-05	9/1/09	<2.0	<2.0	<2.0	<6.0					
MW-05	11/19/09	<0.50	<0.43	<0.55	<1.7	7.19	5530	19.66		
MW-05	4/1/10	<0.50	<0.43	<0.55	<1.8	7.39	5690	19.17		
MW-05	6/7/10	<0.50	<0.43	<0.55	<1.7	7.40	6780	23.00		
MW-05	9/23/10	<0.50	<0.43	<0.55	<1.7	6.92	8603	20.00		
MW-05	12/21/10	<0.50	<0.43	<0.55	<1.7	7.30	7603	17.60		
MW-05 (Dup)	12/21/10	<0.50	<0.43	<0.55	<1.7					
MW-05	3/8/11	<0.50	<0.43	<0.55	<1.7	7.24	7055	19.80		
MW-05 (Dup)	3/8/11	<0.50	<0.43	<0.55	<1.7					
MW-05	6/15/11	<0.25	<0.26	<0.25	<0.71	7.11	7670	23.10		
MW-05	9/28/11	<0.25	<0.26	<0.25	<0.71	7.10	8492	20.60		
MW-05	12/14/11	<0.25	<0.26	<0.25	<0.71	7.21	7652	19.00		
MW-05	3/28/12	<0.25	<0.26	<0.25	<0.71	7.22	7625	20.90		
MW-05	6/18/12	<0.25	<0.26	<0.25	<0.71	7.13	7787	21.80		
MW-05 (Dup)	6/18/12	<0.25	<0.26	<0.25	<0.71					
MW-05	9/26/12	<1.0	<1.0	<1.0	<3.0	7.32	11886	22.10		
MW-05	12/12/12	<1.0	<1.0	<1.0	<3.0	6.98	11000	19.00		
MW-05	3/12/13	<1.0	<1.0	<1.0	<3.0	7.30	11010	19.70		
MW-05 (Dup)	3/12/13	<1.0	<1.0	<1.0	<3.0					
MW-05	6/12/13	<1.0	<1.0	<1.0	<3.0	6.80	10030	20.40		
MW-05 (Dup)	6/12/13	<1.0	<1.0	<1.0	<3.0					
MW-05	9/18/13	<1.0	<1.0	<1.0	<3.0	6.15	12230	20.10		
MW-05	12/4/13	<1.0	<1.0	<1.0	<3.0	7.05	9803	19.10		
MW-05	3/10/14	<1.0	<1.0	<1.0	<3.0	6.98	9307	20.10		
MW-05	6/2/14	<1.0	<1.0	<1.0	<3.0	7.30	10250	20.70		
MW-05	9/29/14	<0.34	<0.33	<0.32	<0.87	6.66	13960	20.10		
MW-05	12/3/14	<0.34	<0.33	<0.32	<0.87	7.54	10080	19.50		
MW-05 (Dup)	12/3/14	<0.34	<0.33	<0.32	<0.87					
MW-05	3/27/15	<1.0	<1.0	<1.0	<3.0	6.65	9184	20.10		
MW-05	6/25/15	<1.0	<1.0	<1.0	<3.0	6.24	7461	19.80		
MW-05	9/21/15	<1.0	<1.0	<1.0	<3.0	7.93	10550	20.30		
MW-05	12/17/15	<1.0	<1.0	<1.0	<3.0	5.74	8483	17.60		
MW-05	3/31/16	<1.0	<1.0	<1.0	<3.0	8.68	8106	19.80		
MW-05	6/30/16	<1.0	<1.0	<1.0	<3.0	8.67	7486	20.10		
MW-05	9/29/16	<1.0	<1.0	<1.0	<3.0	6.38	7792	24.10		
MW-05	12/22/16	<1.0	<1.0	<1.0	<3.0	8.58	7317	17.60		
MW-05	3/28/17	<1.0	<1.0	<1.0	<3.0	6.87	7490	20.10		
MW-05	6/29/17	<1.0	<1.0	<1.0	<3.0	7.26	6879	20.91		
MW-05	8/10/17	<1.0	<1.0	<1.0	<3.0	5.26	7227	20.01		
MW-05	12/21/17	<1.0	<1.0	<1.0	<3.0	7.13	5841	14.30		
MW-05	3/29/18	<1.0	<1.0	<1.0	<3.0	7.03	6188	16.31		
MW-05	6/21/18	<1.0	<1.0	<1.0	<3.0	5.24	7409	20.97		
MW-05	9/28/18	<0.331	<0.412	<0.384	<1.06	7.08	7777	20.30		

Table 2

Summary of Analytical Results and Physical Parameters in Groundwater
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	pH (s.u.)	Conductivity (µS/cm)	Temperature (°C)	DO (mg/l)	ORP (mV)
NMWQCCHuman Health Standards		***5***	***1000***	***700***	***620***					
MW-05 (DUP)	9/28/18	<0.331	<0.412	<0.384	<1.06	7.08	7777	20.30		
MW-05	12/20/18	<0.331	<0.412	<0.384	<1.06	7.07	7080	18.50		
MW-05 (DUP)	12/20/18	<0.331	<0.412	<0.384	<1.06	7.07	7080	18.50		
MW-05	3/28/19	<0.331	<0.412	<0.384	<1.06	7.25	8010	20.60		
MW-05 (DUP)	3/28/19	<0.331	0.877 J	<0.384	<1.06	7.25	8010	20.60		
MW-05	6/27/19	<0.331	<0.412	<0.384	<1.06	6.75	8592	21.20		
MW-05	9/26/19	<0.331	<0.412	<0.384	<1.06	6.92	7794	20.11		
MW-05	12/19/19	<0.331	<0.412	<0.384	<1.06					
MW-05	6/25/20	<0.0941	<0.278	<0.137	<0.174	6.93	1214	24.0		
MW-05 (DUP-1)	6/25/20	<0.0941	<0.278	<0.137	<0.174					
MW-06	3/6/08	<1.0	<5.0	<1.0	<3.0	7.06	2271	15.55	11.31	68.3
MW-06	6/2/08	<0.46	<0.48	<0.45	<1.4	7.14	2850	20.80	3.97	159.8
MW-06	9/18/08	<0.46	<0.48	<0.45	<1.4	6.75	3970	19.90	3.58	12.1
MW-06	12/2/08	<0.46	<0.48	<0.45	<1.4	7.08	2861	19.15	4.66	198.4
MW-06 (Dup)	12/2/08	<0.46	<0.48	<0.45	<1.4					
MW-06	2/23/09	<0.46	<0.48	<0.45	<1.4	7.10	2781	19.34	3.82	226.7
MW-06	6/25/09	<2.0	<2.0	<2.0	<6.0	6.60	3800	20.60	3.51	206.0
MW-06	9/1/09	<2.0	<2.0	<2.0	<6.0					
MW-06	11/19/09	<0.50	<0.43	<0.55	<1.7	7.42	2610	18.50		
MW-06	4/1/10	<0.50	<0.43	<0.55	<1.8	7.34	2440	20.00		
MW-06	6/7/10	<0.50	<0.43	<0.55	<1.7	7.28	2630	23.22		
MW-06 (Dup)	6/7/10	<0.50	<0.43	<0.55	<1.7					
MW-06	9/23/10	<0.50	<0.43	<0.55	<1.7	7.01	3135	20.10		
MW-06 (Dup)	9/23/10	<0.50	<0.43	<0.55	<1.7					
MW-06	12/21/10	<0.50	<0.43	<0.55	<1.7	7.26	3443	19.50		
MW-06	3/8/11	<0.50	<0.43	<0.55	<1.7	7.25	2843	19.60		
MW-06	6/15/11	<0.25	<0.26	<0.25	<0.71	6.96	2830	22.10		
MW-06 (Dup)	6/15/11	<0.25	<0.26	<0.25	<0.71					
MW-06	9/28/11	<0.25	<0.26	<0.25	<0.71	7.27	2999	20.20		
MW-06	12/14/11	<0.25	<0.26	<0.25	<0.71	7.32	2869	18.90		
MW-06 (Dup)	12/14/11	<0.25	<0.26	<0.25	<0.71					
MW-06	3/28/12	<0.25	<0.26	<0.25	<0.71	7.29	2840	20.40		
MW-06 (Dup)	3/28/12	<0.25	<0.26	<0.25	<0.71					
MW-06	6/18/12	<0.25	<0.26	<0.25	<0.71	7.24	2762	20.90		
MW-06	9/26/12	<1.0	<1.0	<1.0	<3.0	7.65	3334	22.20		
MW-06	12/12/12	<1.0	<1.0	<1.0	<3.0	7.69	3508	18.70		
MW-06 (Dup)	12/12/12	<1.0	<1.0	<1.0	<3.0					
MW-06	3/12/13	<1.0	<1.0	<1.0	<3.0	7.03	5057	18..9		
MW-06	6/10/13	<1.0	<1.0	<1.0	<3.0	6.72	4256	22.30		
MW-06	9/18/13	<1.0	<1.0	<1.0	<3.0	6.37	4161	20.10		
MW-06	12/4/13	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<3.0/<3.0	7.03	4418	19.40		
MW-06 (Dup)	12/4/13	<1.0	<1.0	<1.0	<3.0					

Table 2

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DCP Midstream, LP
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Well ID	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	pH (s.u.)	Conductivity (µS/cm)	Temperature (°C)	DO (mg/l)	ORP (mV)
NMWQCCHuman Health Standards		***5***	***1000***	***700***	***620***					
MW-06	3/10/14	<10	<10	<10	<30	7.13	3113	20.40		
MW-06	6/2/14	<1.0	<1.0	<1.0	<3.0	7.29	3179	21.20		
MW-06	9/29/14	<0.34	<0.33	<0.32	<0.87	6.86	3148	20.50		
MW-06	12/3/14	<0.34	<0.33	<0.32	<0.87	8.13	5117	19.30		
MW-06	3/27/15	<1.0	<1.0	<1.0	<3.0	6.93	2885	20.00		
MW-06	6/25/15	<1.0	<1.0	<1.0	<3.0	6.90	3194	19.80		
MW-06	9/21/15	<1.0	<1.0	<1.0	<3.0	8.19	2531	20.50		
MW-06	12/17/15	<1.0	<1.0	<1.0	<3.0	6.34	2784	18.90		
MW-06	3/31/16	<1.0	<1.0	<1.0	<3.0	8.25	4395	21.50		
MW-06	6/30/16	<1.0	<1.0	<1.0	<3.0	9.22	2811	20.80		
MW-06	9/29/16	<1.0	<1.0	<1.0	<3.0	6.42	3878	21.20		
MW-06	12/22/16	<1.0	<1.0	<1.0	<3.0	7.37	3843	18.00		
MW-06	3/28/17	<1.0	<1.0	<1.0	<3.0	7.11	2230	19.50		
MW-06	6/29/17	<1.0	<1.0	<1.0	<3.0	7.27	2593	20.38		
MW-06	8/10/17	<1.0	<1.0	<1.0	<3.0	5.48	2587	19.50		
MW-06	12/21/17	<1.0	<1.0	<1.0	<3.0	7.09	2430	14.40		
MW-06	3/29/18	<1.0	<1.0	<1.0	<3.0	6.97	7501	15.58		
MW-06	6/21/18	<1.0	<1.0	<1.0	<3.0	4.75	2781	20.40		
MW-06	9/28/18	<0.331	<0.412	<0.384	<1.06	7.04	3131	20.16		
MW-06	12/20/18	<0.331	<0.412	<0.384	<1.06	7.11	3062	18.20		
MW-06	3/28/19	<0.331	<0.412	<0.384	<1.06	7.21	2890	20.00		
MW-06	6/27/19	<0.331	<0.412	<0.384	<1.06	6.93	3390	22.80		
MW-06	9/26/19	<0.331	<0.412	<0.384	<1.06	7.59	3050	20.41		
MW-06 (Dup1)	9/26/19	<0.331	<0.412	<0.384	<1.06					
MW-06	12/19/19	<0.331	<0.412	<0.384	<1.06					
MW-06	6/25/20	<0.0941	<0.278	<0.137	<0.174	6.92	356	22.0		
MWA-01	3/6/08	**81**	10	22	120	6.68	2457	15.47	12.48	25.9
MWA-01	6/2/08	**23**	<0.48	1.6 J	<0.14	6.59	2719	21.08	2.27	27.3
MWA-01	9/18/08	<0.46	<0.48	<0.45	<1.4	6.35	2955	19.89	1.18	34.0
MWA-01 (Dup)	9/18/08	<0.46	<0.48	<0.45	<1.4					
MWA-01	12/2/08	<0.46	<0.48	<0.45	<1.4	6.82	2748	19.89	2.10	126.9
MWA-01 (Dup)	12/2/08	<0.46	<0.48	<0.45	<1.4					
MWA-01	2/23/09	<0.46	<0.48	<0.45	<1.4	6.85	2791	19.45	1.90	215.1
MWA-01 (Dup)	2/23/09	<0.46	<0.48	<0.45	<1.4					
MWA-01	6/25/09	<2.0	<2.0	<2.0	<6.0	6.70	3500	20.70	2.83	238.0
MWA-01 (Dup)	6/25/09	<2.0	<2.0	<2.0	<6.0					
MWA-01	9/1/09	<2.0	<2.0	<2.0	<6.0					
MWA-01 (Dup)	9/1/09	<2.0	<2.0	<2.0	<6.0					
MWA-01	11/19/09	<0.50	<0.43	<0.55	<1.7	7.08	2840	19.38		
MWA-01 (Dup)	11/19/09	<0.50	<0.43	<0.55	<1.7					
MWA-01	4/1/10	<0.50	<0.43	<0.55	<1.7	7.11	2610	20.39		
MWA-01 (Dup)	4/1/10	<0.50	<0.43	<0.55	<1.7					

Table 2

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DCP Midstream, LP
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Well ID	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	pH (s.u.)	Conductivity (µS/cm)	Temperature (°C)	DO (mg/l)	ORP (mV)
NMWQCCHuman Health Standards		***5***	***1000***	***700***	***620***					
MWA-01	6/7/10		LNAPL present							
MWA-01	9/23/10		LNAPL present							
MWA-01	12/21/10	<0.50	<0.43	<0.55	<1.7	7.02	3341	20.10		
MWA-01	3/8/11	<0.50	<0.43	<0.55	<1.7	7.07	3131	19.80		
MWA-01	6/15/11	<0.25	<0.26	<0.25	<0.71	6.80	3260	20.30		
MWA-01	9/28/11	<0.25	<0.26	<0.25	<0.71	7.18	3118	22.30		
MWA-01	12/14/11	1.8	1.1	0.27	8.1	7.27	3065	17.80		
MWA-01	3/28/12	0.70	2.1	0.81	4.5	7.25	2881	22.10		
MWA-01	6/18/12	2.0	106	144	**1108 a**	7.12	3069	22.30		
MWA-01	9/26/12		LNAPL present							
MWA-01	12/12/12		LNAPL present							
MWA-01	3/12/13		LNAPL present							
MWA-01	6/10/13		Well Dry							
MWA-01	9/18/13	<1.0	<1.0	<1.0/ <1.0	<3.0	5.66	3248	20.70		
MWA-01 (Dup)	9/18/13	<1.0	<1.0	<1.0	<3.0					
MWA-01	12/4/13	<1.0	<1.0	<1.0	<3.0	7.20	3193	19.50		
MWA-01	3/10/14	<1.0	<1.0	<1.0/ <1.0	<3.0	6.95	3190	20.60		
MWA-01 (Dup)	3/10/14	<1.0	<1.0	<1.0	<3.0					
MWA-01	6/2/14	<1.0	<1.0	<1.0/ <1.0	<3.0	7.19	3173	21.70		
MWA-01 (Dup)	6/2/14	<1.0	<1.0	<1.0	<3.0					
MWA-01	9/29/14	<0.34	<0.33	<0.32	<0.87	7.16	3220	20.90		
MWA-01 (Dup)	9/29/14	<0.34	<0.33	<0.32	<0.87					
MWA-01	12/3/14	<0.34	<0.33	<0.32	<0.87	8.17	3314	20.10		
MWA-01	3/27/15	<1.0	<1.0	<1.0	<3.0	6.69	3200	20.70		
MWA-01 (DUP)	3/27/15	<1.0	<1.0	<1.0	<3.0	6.69	3200	20.70		
MWA-01	6/25/15	<1.0	<1.0	<1.0	<3.0	6.68	2887	20.50		
MWA-01 (DUP)	6/25/15	<1.0	<1.0	<1.0	<3.0	6.68	2887	20.50		
MWA-01	9/21/15	<1.0	<1.0	<1.0	<3.0	7.94	2887	22.70		
MWA-01 (DUP)	9/21/15	<1.0	<1.0	<1.0	<3.0	7.94	2887	22.70		
MWA-01	12/17/15	<1.0	<1.0	<1.0	<3.0	6.13	3195	19.10		
MWA-01	12/17/15	<1.0	<1.0	<1.0	<3.0	6.13	3195	19.10		
MWA-01	3/31/16	<1.0	<1.0	<1.0	<3.0	8.02	3225	20.60		
MWA-01 (DUP)	3/31/16	<1.0	<1.0	<1.0	<3.0	8.02	3225	20.60		
MWA-01	6/30/16	<1.0	<1.0	<1.0	<3.0	9.09	3094	25.50		
MWA-01 (DUP)	6/30/16	<1.0	<1.0	<1.0	<3.0	9.09	3094	25.50		
MWA-01	9/29/16	<1.0	<1.0	<1.0	<3.0	6.10	3292	23.20		
MWA-01 (DUP)	9/29/16	<1.0	<1.0	<1.0	<3.0	6.10	3292	23.20		
MWA-01	12/22/16	<1.0	<1.0	<1.0	<3.0	7.47	4034	19.10		
MWA-01 (DUP)	12/22/16	<1.0	<1.0	<1.0	<3.0	7.47	4034	19.10		
MWA-01	3/28/17	<1.0	<1.0	<1.0	<3.0	6.66	3210	20.40		
MWA-01 (DUP)	3/28/17	<1.0	<1.0	<1.0	<3.0	6.66	3210	20.40		
MWA-01	6/29/17	<1.0	<1.0	<1.0	<3.0	6.87	2879	22.19		
MWA-01 (DUP)	6/29/17	<1.0	<1.0	<1.0	<3.0	6.87	2879	22.19		

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Well ID	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	pH (s.u.)	Conductivity (µS/cm)	Temperature (°C)	DO (mg/l)	ORP (mV)
NMWQCCHuman Health Standards		***5***	***1000***	***700***	***620***					
MWA-01	8/10/17	<1.0	<1.0	<1.0	<3.0	5.33	2871	21.63		
MWA-01 (DUP)	8/10/17	<1.0	<1.0	<1.0	<3.0	5.33	2871	21.63		
MWA-01	12/21/17	<1.0	<1.0	<1.0	<3.0	6.76	2486	14.30		
MWA-01 (DUP)	12/21/17	<1.0	<1.0	<1.0	<3.0	6.76	2486	14.30		
MWA-01	3/29/18	<1.0	<1.0	<1.0	<3.0	6.85	2547	15.20		
MWA-01 (DUP)	3/29/18	<1.0	<1.0	<1.0	<3.0	6.85	2547	15.20		
MWA-01	6/21/18	<1.0	<1.0	<1.0	<3.0	5.00	2614	21.65		
MWA-01 (DUP)	6/21/18	<1.0	<1.0	<1.0	<3.0	5.00	2614	21.65		
MWA-01	9/28/18	<0.331	<0.412	<0.384	<1.06	7.06	2927	20.79		
MWA-01	12/20/18	<0.331	<0.412	<0.384	<1.06	6.80	2475	18.80		
MWA-01	3/28/19	<0.331	<0.412	<0.384	<1.06	7.03	2720	20.60		
MWA-01	6/27/19	<0.331	<0.412	<0.384	<1.06	6.87	3315	21.30		
MWA-01	9/26/19	<0.331	<0.412	<0.384	<1.06	7.93	2612	21.26		
MWA-01	12/19/19	<0.331	<0.412	<0.384	<1.06					
MWA-01	6/25/20	<0.0941	<0.278	<0.137	<0.174	7.06	282	22.2		
MWA-02	1/11/08		Well Dry							
MWA-02	2/8/08		Well Dry							
MWA-02	3/3/08		Well Dry							
MWA-02	5/2/08		Well Dry							
MWA-02	6/2/08		Well Dry							
MWA-02	9/18/08		Well Dry							
MWA-02	10/30/08		Well Dry							
MWA-02	12/2/08		Well Dry							
MWA-02	1/29/08		Well Dry							
MWA-02	2/23/09		Well Dry							
MWA-02	6/25/09		Well Dry							
MWA-02	9/1/09		Well Dry							
MWA-02	11/19/09		Well Dry							
MWA-02	3/24/10		Well Dry							
MWA-02	6/7/10		Well Dry							
MWA-02	9/23/10		Well Dry							
MWA-02	12/21/10		Well Dry							
MWA-02	3/8/11		Well Dry							
MWA-02	6/15/11		Well Dry							
MWA-02	9/28/11		Well Dry							
MWA-02	12/14/11		Well Dry							
MWA-02	3/28/12		Well Dry							
MWA-02	6/18/12		Well Dry							
MWA-02	9/26/12		Well Dry							
MWA-02	12/12/12		Well Dry							
MWA-02	3/12/13		Well Dry							
MWA-02	6/10/13		Well Dry							

Table 2

Summary of Analytical Results and Physical Parameters in Groundwater
DCP Midstream, LP
PCA Junction Compressor Station
Eddy County, New Mexico

Well ID	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	pH (s.u.)	Conductivity (µS/cm)	Temperature (°C)	DO (mg/l)	ORP (mV)
NMWQCCHuman Health Standards		***5***	***1000***	***700***	***620***					
MWA-02	9/18/13		Well Dry							
MWA-02	12/4/13		Well Dry							
MWA-02	3/10/14		Well Dry							
MWA-02	6/2/14		Well Dry							
MWA-02	9/29/14		Well Dry							
MWA-02	12/3/14		Well Dry							
MWA-02	3/27/15		Well Dry							
MWA-02	6/25/15		Well Dry							
MWA-02	9/21/15		Well Dry							
MWA-02	12/17/15		Well Dry							
MWA-02	3/31/16		Well Dry							
MWA-02	6/30/16		Well Dry							
MWA-02	9/29/16		Well Dry							
MWA-02	12/22/16		Well Dry							
MWA-02	3/28/17		Well Dry							
MWA-02	6/29/17		Well Dry							
MWA-02	8/10/17		Well Dry							
MWA-02	12/21/17		Well Dry							
MWA-02	3/29/18		Well Dry							
MWA-02	6/21/18		Well Dry							
MWA-02	9/28/18		Well Dry							
MWA-02	12/20/18		Well Dry							
MWA-02	3/28/19		Well Dry							
MWA-02	6/27/19		Well Dry							
MWA-02	9/26/19		Dry							
MWA-02	12/19/19		Dry							
MWA-02	6/25/20		Dry							
Trip Blank	6/25/20	<0.0941	<0.278	<0.137	<0.174					

Notes:

1. µg/l = Micrograms per liter
2. s.u. = Standard unit
3. µS/cm = Microsiemens per centimeter
4. ºC = Degrees Celsius
5. DO = Dissolved oxygen
6. mg/l = Milligrams per liter
7. ORP = Oxidation reduction potential
8. mV = Millivolts
9. LNAPL = Light non-aqueous phase liquids
10. NMWQCC = New Mexico Water Quality Control Commission
11. Bold font indicates detection of BTEX constituents

Appendices

Appendix A
Field Notes for Groundwater Monitoring

10 Location PCA Junction Date 06/25/20

Project / Client 1120945 4/DCP

Matthew Laughlin; Ryan Livingston

Mileage: 143,451

0730 Prep and load truck with equipment

0800 Travel to site.

1100 Arrive @ site. TGSM; SSA review

Objectives: Groundwater sampling event

Monitors: PGM-2601

MID 08300

Equipment: Probe

YSI

Weather: 85° Sunny 10 mph wind

1130 Begin objectives:

Gauge MWs. Decon probe in between each well.

Purge 3 volumes out of each MW.

Collect water samples and record field readings

Decon YSI after each sample.

Package and store samples on ice

1400 End objectives. Travel to Midland office.

1700 Arrive @ Midland office.

1730 Unload equipment. End Day.

Field Data Record Form
Oil-Water Interface Probe

Control number: ~~07084~~ 08298 (R2)
Date (mm/dd/yyyy): 06/25/20
User (print name): Matthew Langhi

Project number: 11309454
Project name: PCA Junction

Location: Carlsbad, NM

Additional equipment control numbers and descriptions:

Field procedure before use:

	Check when completed
• Check for broken or missing parts.	☑
• Check battery.	☑
• Check operation of buzzer.	☑
• Check operation of signal light.	☑
• Test probe first in water and then in a 1:1 mixture of cooking oil and water to ensure unit operates, both visually and audibly.	☑

Filing: Field file

Signature:

(QSF-227D)

Page _ of _

PCA Junction

Well number	Oil depth (in ft/m)	Water depth (in ft/m)	LNAPL Thickness (ft.)	Measured TD (ft. btoc)	Change in DTW since Sep 2019 (ft.)	Comments
MW-01	–	DRY	–	28.16	–	
~~MW-02~~ MWA-02	–	DRY	–	26.60	–	
MW-03 No sample	–	28.13	–	28.33	0.43	DTW 2019: 27.70
MW-04	–	31.72	–	35.79	0.4	DTW 2019 = 31.32
MW-05	–	34.16	–	37.79	0.56	DTW 2019 = 33.60
MW-06		32.11		36.55	0.37	DTW 2019 = 31.74
MWA-01	–	29.11	–	34.28	0.38	DTW 2019 = 28.73
~~MWA-02~~ TW-02	–	DRY	–	27.98	–	
						Dup-1 @ MW-05

Filing: Field file

Project number: 11209454 **Name:** Matthew Laughlin (please print)

Date (mm/dd/yyyy): 06/25/21 **Signature:**

Field Data Record Form
Water Quality Meter-YSI

Control number: 07084
Date (mm/dd/yyyy): 06/25/20
User (print name): Matthew Langhlin

Project number: 112094454
Project name: PLA Junction
Location: Carlsbad, NM

Additional equipment control numbers and descriptions: pH: Standard = 7.01, Actual = 7.01

Field procedure before use:

	Check when completed
Dissolved Oxygen NA	
• Quick DOCal can be enabled or disabled by using the up or down arrow keys to highlight Quick DOCal and pressing enter. An 'X' in the box next to Quick DOCal indicates it is enabled.	☐
• Ensure the DOsensor has a good membrane with electrolyte installed. A good membrane is free of wrinkles, tears, fouling and air bubbles. Install the sensor guard onto the probe.	☐
• Moisten the sponge in the grey calibration/storage sleeve with a small amount of clean water and install it over the sensor guard. The sponge should only be moistened and the calibration/storage sleeve should not have excess water in it that could cause water droplets to get on the membrane.	☐
• Power the instrument on and, if using a Polarographic sensor, wait approximately 5 to 15 minutes for the storage chamber to become completely saturated and for the sensor to stabilize. If using a Galvanic sensor, wait approximately 5 to 10 minutes for the chamber to become completely saturated. Auto Shutoff should be disabled or set to at least 20 minutes.	☐
• Ensure the barometer is reading accurately. If necessary, perform a barometer calibration.	☐
• Press and hold the Calibrate key for 3 seconds. Using the up or down arrow key, highlight Dissolved Oxygen and press enter. The Pro2030 will indicate 'Calibrating %DO' on the display. The instrument will automatically calibrate the sensor to the current barometric pressure. If DOLocal% is enabled, the sensor will calibrate to 100%. This may take up to 2 minutes depending on the age of the sensor and membrane.	☐
• 'Calibration Successful' will display for a few seconds to indicate a 6 successful calibration and then the instrument will return to the Run screen.	☐
Barometer NA	
• If the barometer requires an adjustment, use the up or down arrow keys to highlight the barometer box along the bottom of the Run screen, then press enter.	☐
• Next, use the up or down arrow keys to adjust the barometer reading to the local, true barometric pressure. Continually depress the up or down arrow key to change the barometer value more rapidly.	☐
• Press enter to confirm and save the barometer adjustment.	☐
Conductivity or Specific (Sp.) Conductance	
• Fill a clean container (i.e. plastic cup or glass beaker) with fresh, traceable conductivity calibration solution and place the sensor into the solution. The solution must cover the holes of the conductivity sensor that are closest to the cable. Ensure the entire conductivity sensor is submerged in the solution or the instrument will read approximately half the expected value. Gently move the probe up and down to remove any air bubbles from the conductivity sensor.	☑
• Turn the instrument on and allow the conductivity and temperature readings to stabilize. Press the Cal key. Highlight Conductivity and press enter. Next, highlight the desired calibration method, Sp. Conductance or Conductivity, and press enter.	☐
• Highlight the units you wish to calibrate, either uS/cm or mS/cm, and press enter. 1 mS = 1,000 uS. Next, use the up or down arrow key to adjust the value on the display to match the value of the conductivity calibration solution. If calibrating conductivity, it is necessary to look up the value of the solution at the current temperature and enter that value into the Pro2030. Most conductivity solutions are labeled with a value at 25°C. If calibrating specific conductance, enter the value listed for 25°C. Depressing either the up or down arrow key for 5 seconds will move the changing digit one place to the left. The Pro2030 will remember the entered calibration value and display it the next time a conductivity calibration is performed.	☐
• Press enter to complete the calibration. Or, press Cal to cancel the calibration and return to the Run screen.	☐
• Calibration Successful' will display for a few seconds to indicate a successful calibration and then the instrument will return to the Run screen.	☐
Salinity NA	
• Fill a clean container (i.e. plastic cup or glass beaker) with fresh, traceable salinity calibration solution and place the sensor into the solution. The solution must cover the holes of the conductivity sensor that are closest to the cable. Ensure the entire conductivity sensor is submerged in the solution or the instrument will read approximately half the expected value. Gently move the probe up and down to remove any air bubbles from the conductivity sensor.	☐
• Turn the instrument on and allow the conductivity and temperature readings to stabilize. Press the Cal key. Highlight Conductivity and press enter. Next, highlight Salinity and press enter.	☐
• Use the up or down arrow key to adjust the value on the display to match the value of the salinity solution. Depressing either the up or down arrow key for 5 seconds will move the changing digit one place to the left. The Pro2030 will remember the entered calibration value and display it the next time a salinity calibration is performed.	☐
• Press enter to complete the calibration. Or, press Cal to cancel the calibration and return to the Run screen.	☐
• 'Calibration Successful' will display for a few seconds to indicate a successful calibration and then the instrument will return to the Run screen.	☐

Filing: Field file

Signature: _____

Water Quality Meter-YSI Pro2030

Field data:

Test number	Sample location	Sample Time / DO reading in mg/L (ppm) or %	Calculated Volume / Barometer in mmHg	Actual Volume / Conductivity in mS/cm	Cond. mS/cm / Salinity in ppt	Temperature in °C	pH / TDS mg/L (ppm)	Comments
	MW-06	1200	7.2	7.2	3.56	22.0	6.92	Roots
	MW-04	1230	6.6	6.6	5.49	21.8	7.01	Roots
	MWA-01	1300	3.3	3.3	2.82	22.2	7.06	
	MW-05	1330	5.9	5.9	12.14	24.0	6.93	Roots

Filing: Field file

Project number: 1209454 **Name:** Matthew Laughlin (please print)

Date (mm/dd/yyyy): 06/25/20 **Signature:**

DCP Midstream - GHD

13091 Pond Springs Road, Suite A100
Austin, TX 78729

Billing Information:
Direct Bill DCP Midstream
370 17th St, Ste 2500
Denver, CO 80202

Pres Chk

Report to: John Schnable

Email To: John.Schnable@ghd.com;glenn.quinney@ghd.com;

Project Description: DCP PCA Junction Compressor

City/State Collected:

Please Circle: ET MT CT PT

Phone: 512-506-8803
Fax:

Client Project # 11209454/02

Lab Project # DCPGHD-11209454

Collected by (print): Matthew Laughlin

Site/Facility ID #

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

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40ml Amb HCl									Remarks	Sample # (lab only)
MW-06	G	GW	—	06/25/20	1200	3	X										
MW-04	G	GW	—	06/25/20	1230	3	X										
MWA-01	G	GW	—	06/25/20	1300	3	X										
MW-05	G	GW	—	06/25/20	1330	3	X										
Dup-1	G	GW	—	06/25/20	—	3	X										
Trip Blank	—	GW	—	—	—	1	X										
		GW															
		GW															
		GW															
		GW															

Chain of Custody Page ___ of ___

Pace Analytical
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5859
Phone: 800-767-5859
Fax: 615-758-5859

SDG #

Table #

Acctnum: DCPGHD

Template: T165339

Prelogin: P763962

PM: 824 - Chris Ward

PB:

Shipped Via: FedEx Ground

Analysis / Container / Preservative

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles Arrive Intact: Y N

___ UPS ___ Fedex ___ Courier _____

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: HCL / MeOH TBR	Temp: °C Bottles Received:
	6.26.20	15:00			
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:
					NCF / OK

Tailgate Safety Meeting Form
Small Group Format - Multiple Days

Date:	06/24/20	Time:	900	Project No.:	11209459
Presenter:	Matthew Laughlin	Project Name:		Hobbs Gas Plant	

Safety topics/items discussed:

H_2S; Heat Stress; Biological hazards; Slips/trips/falls; Vehicle safety; Pinch points; Wind direction; muster points; SWA

Print Name	Signature	Company
Matthew Laughlin	Present	GHD
Ryan Livingston		GHD

Date:	06/25/20	Time:	1100	Project No.:	11209454
Presenter:	Matthew Laughlin	Project Name:		PCA Junction	

Safety topics/items discussed:

H_2S; Heat Stress; Biological hazards; Slips/trips/falls; Vehicle safety; Pinch points; wind direction; muster points; SWA

Print Name	Signature	Company
Matthew Laughlin	Present	GHD
Ryan Livingston		GHD

Date:		Time:		Project No.:	
Presenter:		Project Name:			

Safety topics/items discussed:

Print Name	Signature	Company

Daily Job Safety Analysis (JSA)
Review Documentation Form

Date: 06/25/20 Time: 1100 Presenter: Matthew Laughlin

JSA Name (Insert Name from related seed JSA form): Groundwater Sampling (Bailer)

OE Tenet(s) related to task: _____ Preventing Serious Injuries and Fatalities Prevention Guide topics covered:

Directions: JSAs are to be reviewed **immediately before** conducting the task(s). This form MUST be completed EACH time the task(s) is being completed by the work group. This form serves two purposes: first, to document any additional and/or unusual hazards that have been identified for that day and the mitigation to be used by each responsible person; and second, to confirm who has participated in the review of the JSA. This form shall be kept with the original SEED JSA (JHA) in the HASP. **Responsible person(s) will be assigned and listed by name for <u>each</u> mitigating action listed below. The supervisor (or designee) will verify that all mitigations have been implemented.**

As a supplement to the Seed JSA (JHA), document any additional specific hazards that were reviewed for the daily task, working conditions, and environment.

Job Step	Task Activity	Additional Specific Hazards (include Energy Source)	Hazard Mitigation	Responsible Person (Print First and Last Names)	Verified By (Print First and Last Names)
	Collect water Samples	None	None	Matthew Laughlin	Ryan Livingston

SSE(s) on job: — **Assigned Mentor:** _____

Daily Job Safety Analysis (JSA)
Review Documentation Form

Site Personnel Participating in JSA review:

I have participated in the review and discussion of the Job Safety Analysis (JSA) listed on this document and understand the duties I am responsible to fulfill. As part of my work, I know I have the responsibility and obligation to STOP work with a **Stop Work Authority (SWA)** if conditions change and/or potential hazards have been identified.

Print Name	Signature	Company
Matthew Laughlin		GHD
Ryan Livingston	Present	GHD

My signature below indicates that all conditions and requirements listed above have been verified, met, and reviewed with all affected personnel prior to start of work.

Supervisor Signature:_____ Date/Time: _____

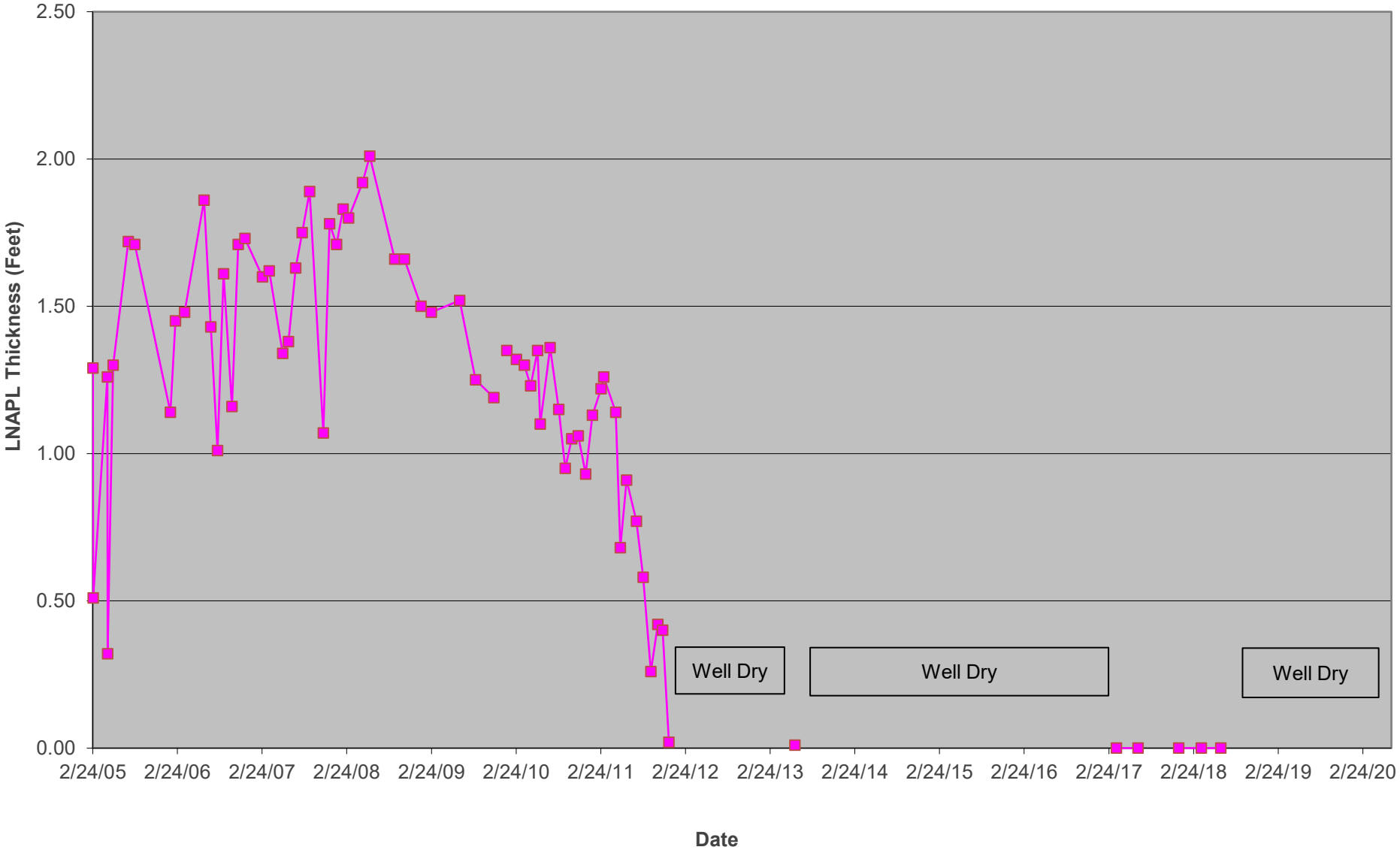
Location of Mustering Point: _____ Wind direction (current): _____

GHD Emergency contact (Name and verified phone number): _____

Supervisor Signature documenting Daily Debrief has been completed: _____

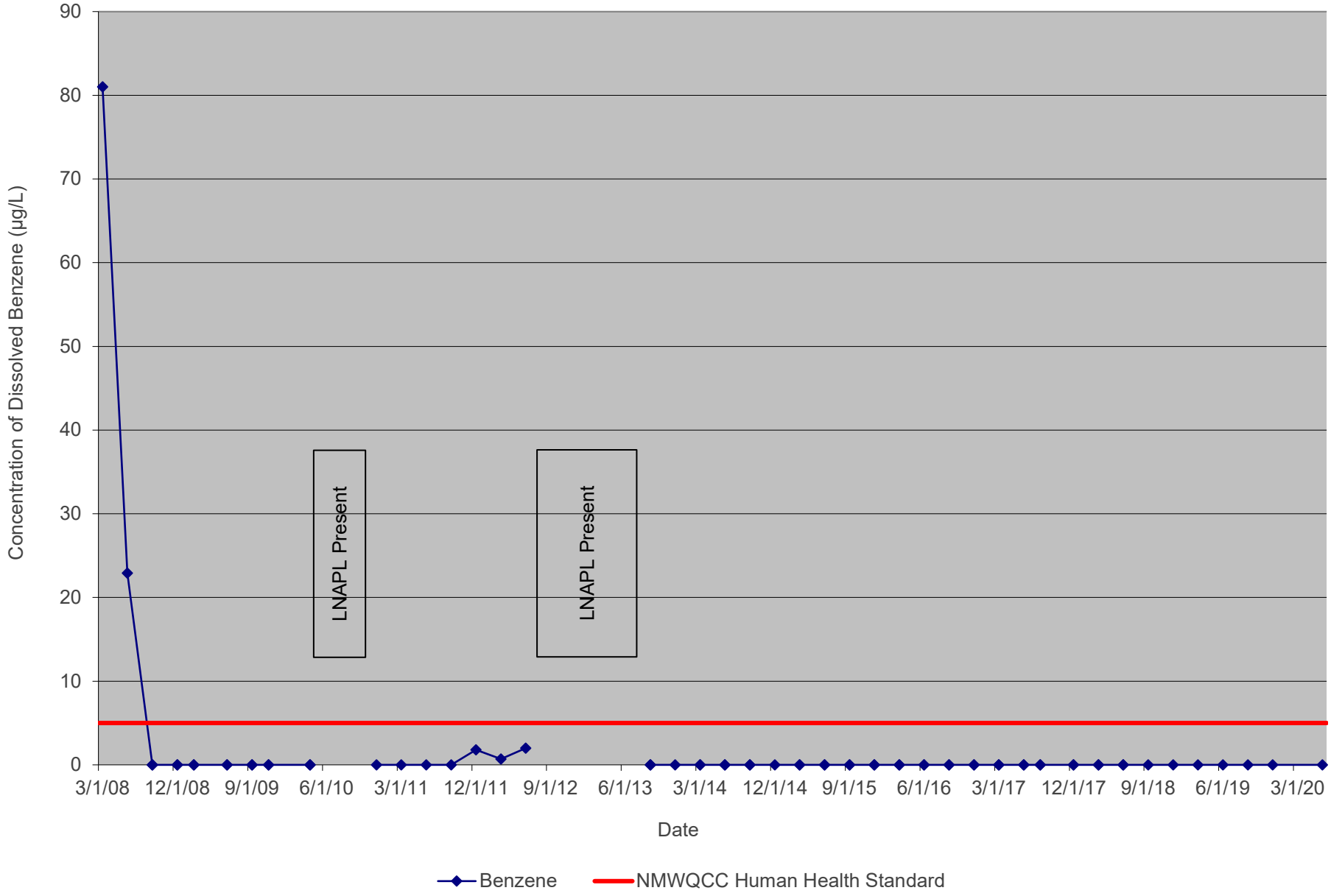
Appendix B
Chart of Thicknesses of LNAPL in Well MW-01 vs. Time

DCP Midstream, LP
PCA Junction Compressor Station
Lea County, New Mexico
Thickness of LNAPL vs. Time
MW-01



Appendix C
Chart of Concentrations of Dissolved Benzene in MWA-01 vs. Time

DCP Midstream, LP
PCA Junction Compressor Station
Lea County, New Mexico
Concentration of Dissolved Benzene vs. Time
MWA-01



Appendix D
Certified Analytical Report

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

July 07, 2020

DCP Midstream - GHD

Sample Delivery Group:	L1234403
Samples Received:	06/27/2020
Project Number:	11209454/02
Description:	DCP PCA Junction Compressor Station

Report To: John Schnable
13091 Pond Springs Road, Suite A100
Austin, TX 78729

Entire Report Reviewed By: Chris Ward

Chris Ward
Project Manager

TABLE OF CONTENTS

MW-06 L1234403-01 GW

Collected by: Matthew Laughlin | Collected date/time: 06/25/20 12:00 | Received date/time: 06/27/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1502059	1	07/01/20 07:06	07/01/20 07:06	JHH	Mt. Juliet, TN

MW-04 L1234403-02 GW

Collected by: Matthew Laughlin | Collected date/time: 06/25/20 12:30 | Received date/time: 06/27/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1502059	1	07/01/20 07:25	07/01/20 07:25	JHH	Mt. Juliet, TN

MWA-01 L1234403-03 GW

Collected by: Matthew Laughlin | Collected date/time: 06/25/20 13:00 | Received date/time: 06/27/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1502059	1	07/01/20 07:44	07/01/20 07:44	JHH	Mt. Juliet, TN

MW-05 L1234403-04 GW

Collected by: Matthew Laughlin | Collected date/time: 06/25/20 13:30 | Received date/time: 06/27/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1502059	1	07/01/20 08:03	07/01/20 08:03	JHH	Mt. Juliet, TN

DUP-1 L1234403-05 GW

Collected by: Matthew Laughlin | Collected date/time: 06/25/20 00:00 | Received date/time: 06/27/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1502096	1	07/01/20 08:36	07/01/20 08:36	JCP	Mt. Juliet, TN

TRIP BLANK L1234403-06 GW

Collected by: Matthew Laughlin | Collected date/time: 06/25/20 00:00 | Received date/time: 06/27/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1502096	1	07/01/20 04:40	07/01/20 04:40	JCP	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 Ward
Project Manager

MW-06
Collected date/time: 06/25/20 12:00

SAMPLE RESULTS - 01

L1234403

ONE LAB. NATIONWIDE.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	SDL ug/l	Unadj. MQL ug/l	MQL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1.00	1	07/01/2020 07:06	WG1502059
Toluene	U		0.278	1.00	1.00	1	07/01/2020 07:06	WG1502059
Ethylbenzene	U		0.137	1.00	1.00	1	07/01/2020 07:06	WG1502059
Total Xylenes	U		0.174	3.00	3.00	1	07/01/2020 07:06	WG1502059
(S) Toluene-d8	*99.3*				*80.0-120*		*07/01/2020 07:06*	WG1502059
(S) 4-Bromofluorobenzene	*95.9*				*77.0-126*		*07/01/2020 07:06*	WG1502059
(S) 1,2-Dichloroethane-d4	*118*				*70.0-130*		*07/01/2020 07:06*	WG1502059

MW-04
Collected date/time: 06/25/20 12:30

SAMPLE RESULTS - 02

L1234403

ONE LAB. NATIONWIDE.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	SDL ug/l	Unadj. MQL ug/l	MQL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1.00	1	07/01/2020 07:25	WG1502059
Toluene	U		0.278	1.00	1.00	1	07/01/2020 07:25	WG1502059
Ethylbenzene	U		0.137	1.00	1.00	1	07/01/2020 07:25	WG1502059
Total Xylenes	U		0.174	3.00	3.00	1	07/01/2020 07:25	WG1502059
(S) Toluene-d8	*101*				*80.0-120*		*07/01/2020 07:25*	WG1502059
(S) 4-Bromofluorobenzene	*94.3*				*77.0-126*		*07/01/2020 07:25*	WG1502059
(S) 1,2-Dichloroethane-d4	*121*				*70.0-130*		*07/01/2020 07:25*	WG1502059

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	SDL ug/l	Unadj. MQL ug/l	MQL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1.00	1	07/01/2020 07:44	WG1502059
Toluene	U		0.278	1.00	1.00	1	07/01/2020 07:44	WG1502059
Ethylbenzene	U		0.137	1.00	1.00	1	07/01/2020 07:44	WG1502059
Total Xylenes	U		0.174	3.00	3.00	1	07/01/2020 07:44	WG1502059
(S) Toluene-d8	*103*				*80.0-120*		*07/01/2020 07:44*	WG1502059
(S) 4-Bromofluorobenzene	*93.4*				*77.0-126*		*07/01/2020 07:44*	WG1502059
(S) 1,2-Dichloroethane-d4	*120*				*70.0-130*		*07/01/2020 07:44*	WG1502059

MW-03
Collected date/time: 06/25/20 13:30

SAMPLE RESULTS - 04

L1234403

ONE LAB. NATIONWIDE.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	SDL ug/l	Unadj. MQL ug/l	MQL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1.00	1	07/01/2020 08:03	WG1502059
Toluene	U		0.278	1.00	1.00	1	07/01/2020 08:03	WG1502059
Ethylbenzene	U		0.137	1.00	1.00	1	07/01/2020 08:03	WG1502059
Total Xylenes	U		0.174	3.00	3.00	1	07/01/2020 08:03	WG1502059
(S) Toluene-d8	*103*				*80.0-120*		*07/01/2020 08:03*	WG1502059
(S) 4-Bromofluorobenzene	*94.9*				*77.0-126*		*07/01/2020 08:03*	WG1502059
(S) 1,2-Dichloroethane-d4	*118*				*70.0-130*		*07/01/2020 08:03*	WG1502059

DUP-1
Collected date/time: 06/25/20 00:00

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	SDL ug/l	Unadj. MQL ug/l	MQL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1.00	1	07/01/2020 08:36	WG1502096
Toluene	U		0.278	1.00	1.00	1	07/01/2020 08:36	WG1502096
Ethylbenzene	U		0.137	1.00	1.00	1	07/01/2020 08:36	WG1502096
Total Xylenes	U		0.174	3.00	3.00	1	07/01/2020 08:36	WG1502096
(S) Toluene-d8	*111*				*80.0-120*		*07/01/2020 08:36*	WG1502096
(S) 4-Bromofluorobenzene	*100*				*77.0-126*		*07/01/2020 08:36*	WG1502096
(S) 1,2-Dichloroethane-d4	*97.4*				*70.0-130*		*07/01/2020 08:36*	WG1502096

SAMPLE RESULTS - 06

TRIP BLANK
Collected date/time: 06/25/20 00:00

L1234403

ONE LAB. NATIONWIDE.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l	ug/l		date / time	
Benzene	U		0.0941	1.00	1.00	1	07/01/2020 04:40	WG1502096
Toluene	U		0.278	1.00	1.00	1	07/01/2020 04:40	WG1502096
Ethylbenzene	U		0.137	1.00	1.00	1	07/01/2020 04:40	WG1502096
Total Xylenes	U		0.174	3.00	3.00	1	07/01/2020 04:40	WG1502096
(S) Toluene-d8	*111*				*80.0-120*		*07/01/2020 04:40*	WG1502096
(S) 4-Bromofluorobenzene	*101*				*77.0-126*		*07/01/2020 04:40*	WG1502096
(S) 1,2-Dichloroethane-d4	*98.3*				*70.0-130*		*07/01/2020 04:40*	WG1502096

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

Method Blank (MB)

(MB) R3546033-2 06/30/20 23:48

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*99.1*			*80.0-120*
(S) 4-Bromofluorobenzene	*92.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*125*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3546033-1 06/30/20 22:11

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.67	93.4	70.0-123	
Ethylbenzene	5.00	4.83	96.6	79.0-123	
Toluene	5.00	5.26	105	79.0-120	
Xylenes, Total	15.0	15.8	105	79.0-123	
(S) Toluene-d8			*103*	*80.0-120*	
(S) 4-Bromofluorobenzene			*92.4*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*121*	*70.0-130*	

Method Blank (MB)

(MB) R3545262-2 07/01/20 03:43

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*111*			*80.0-120*
(S) 4-Bromofluorobenzene	*101*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*94.4*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3545262-1 07/01/20 03:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.12	102	70.0-123	
Ethylbenzene	5.00	4.85	97.0	79.0-123	
Toluene	5.00	4.96	99.2	79.0-120	
Xylenes, Total	15.0	14.4	96.0	79.0-123	
(S) Toluene-d8			*108*	*80.0-120*	
(S) 4-Bromofluorobenzene			*108*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*95.8*	*70.0-130*	

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.
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
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* 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 National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
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	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

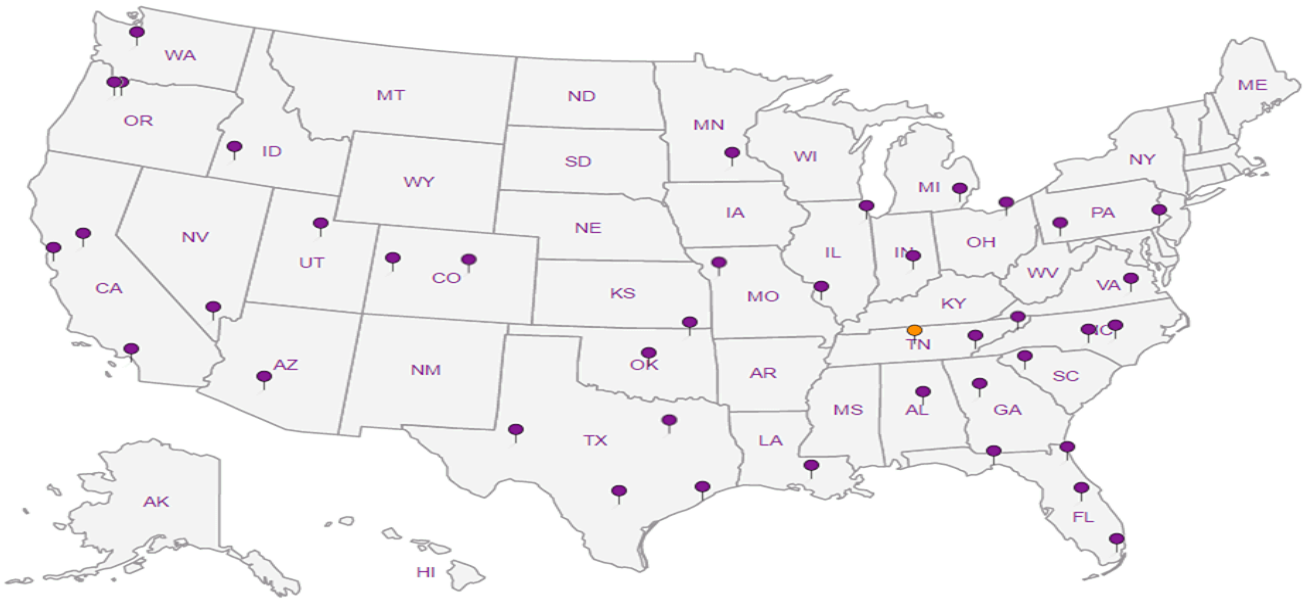
Third Party Federal Accreditations

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

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



ACCOUNT:	PROJECT:	SDG:	DATE/TIME:	PAGE:
DCP Midstream - GHD	11209454/02	L1234403	07/07/20 09:21	14 of 15

DCP Midstream - GHD

13091 Pond Springs Road, Suite A100
Austin, TX 78729

Billing Information:
Direct Bill DCP Midstream
370 17th St, Ste 2500
Denver, CO 80202

Pres Chk

Analysis / Container / Preservative: V8260BTEX 40mlAmb-HCl

Chain of Custody Page ___ of ___

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
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Phone: 800-767-5859
Fax: 615-758-5859

Report to: John Schnable

Email To: John.Schnable@ghd.com;glenn.quinney@ghd.com;

Project Description: DCP PCA Junction Compressor

City/State Collected:

Please Circle: PT MT CT ET

Phone: 512-506-8803
Fax:

Client Project #: 11209454/02

Lab Project #: DCPGHD-11209454

SDG # L1234403
A148

Collected by (print): Matthew Laughlin

Site/Facility ID #

P.O. #

Collected by (signature): [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

Acctnum: DCPGHD
Template: T165339
Prelogin: P763962
PM: 824 - Chris Ward
PB:
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-06	G	GW	—	06/25/20	1200	3	X		-01
MW-04	G	GW	—	06/25/20	1230	3	X		02
MWA-01	G	GW	—	06/25/20	1300	3	X		03
MW-05	G	GW	—	06/25/20	1330	3	X		04
Dup-1	G	GW	—	06/25/20	—	3	X		05
Trip Blank	—	GW	—	—	—	1	X		06
		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 ______

1790 3030 3121

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
[signature]	6.26.20	1500	[signature]
[signature]	6.26.20	1700	FedEx

Trip Blank Received: HCl MeOH TBR
IVPAS 1.9-.4=1.5
Bottles Received: 15

Preservation Correct/Checked by Login: Date/Time

Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:	Hold:	Condition:
			[signature]	6-27-20	0845		NCF / OK

about GHD

GHD is one of the world's leading professional services companies operating in the global markets of water, energy and resources, environment, property and buildings, and transportation. We provide engineering, environmental, and construction services to private and public sector clients.

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District III
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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 23230

CONDITIONS

Operator:	OGRID:
DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	36785
	Action Number: 23230
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of Report of Groundwater Monitoring in Third and Fourth Quarters of 2020: Content satisfactory 1. OCD approves the following recommendations stated within Report of Groundwater Monitoring in Third and Fourth Quarters of 2020. a. Continue quarterly groundwater gauging, purging, and sampling events b. Replacement monitoring wells in the proximity of MW-01 and MW-03 to evaluate impact by LNAPL or dissolved BTEX c. Additional delineation monitoring wells	12/29/2021