AP - 122

3rd QTR GW Monitoring Results

2014

From:	Weathers, Stephen W
To:	Lowe, Leonard, EMNRD
Cc:	Oberding, Tomas, EMNRD
Subject:	DCP Hobbs Gas Plant (AP-122) 3rd Q 2014 Groundwater Monitoring Report
Date:	Friday, January 16, 2015 8:11:39 AM
Attachments:	OCD3Q2014HobbsGPGWLtr1-16-15.doc 059097 FINAL 1-13-15.pdf

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Mr. Lowe

Attached you will find the 3rd Q 2014 Hobbs Gas Plant Groundwater Monitoring Report and the associated cover letter.

If you have any questions or concerns, please give me a call.

Thanks

Stephen W Weathers, P.G.
Principal Environmental Specialist
DCP Midstream L.P.
Office 303.605.1718
Cell 303.619.3042

DCP Midstream
370 17th Street, Suite 2500
Denver, CO 80202
303-595-3331
303-605-2226 *FAX*

January 16, 2015

Mr. Leonard Lowe
Environmental Engineer
New Mexico Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

RE: 3rd Quarter 2014 Groundwater Monitoring Results
DCP Hobbs Gas Plant (AP-122)
Unit G, Section 36, Township 18 South, Range 36 East
Lea County, New Mexico

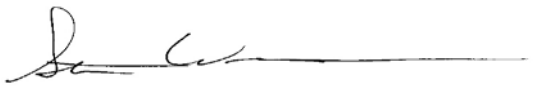
Dear Mr. Lowe:

DCP Midstream, LP (DCP) is pleased to submit for your review, an electronic copy of the 3rd Quarter 2014 Groundwater Monitoring Results for the DCP Hobbs Gas Plant located in Lea County, New Mexico (Unit G, Section 36, Township 18 South, Range 36 East).

If you have any questions regarding the report or work plan, please call me at 303-605-1718.

Sincerely

DCP Midstream, LP



Stephen Weathers, P.G.
Principal Environmental Specialist

cc: Tomas Oberding, OCD Hobbs District Office
Environmental Files

Original

CONESTOGA-ROVERS & ASSOCIATES

www.CRAworld.com

Final Report

THIRD QUARTER 2014 GROUNDWATER MONITORING REPORT HOBBS GAS PLANT LEA COUNTY, NEW MEXICO

NMOCD

AP #122

Prepared for: DCP Midstream, LP

Conestoga-Rovers & Associates
2135 South Loop, 250 West
Midland, Texas 79703

January 2015 • 059097 • Report No. 24

Partners in Sustainability

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Section 1.0 Introduction

Conestoga-Rovers & Associates (CRA) is submitting this Third Quarter 2014 Groundwater Monitoring Report to DCP Midstream, LP (DCP) for Hobbs Gas Plant in Lea County, New Mexico. This report summarizes the September 2014 quarterly monitoring well gauging and groundwater sampling event. Monitoring well gauging, groundwater sampling details, analytical results, conclusions and recommendations are presented below.

1.1 Site Background

The site is a cryogenic processing plant located in Lea County, New Mexico approximately 9 miles west of Hobbs, New Mexico (Figure 1). The site occupies approximately 3.5 acres surrounded by undeveloped area. The facility contains a laboratory, an amine unit, compressors, molecular sieve dehydration, tank batteries and an onsite water production well used for non-potable water. The DCP Apex Compressor Station is located approximately 750 feet to the north. There are seven onsite groundwater monitoring wells.

Section 2.0 Regulatory Framework

The Site has been assigned an Abatement Plan number AP-122 by the New Mexico Oil Conservation Division (NMOCD) Environmental Bureau. The NMOCD guidelines require groundwater to be analyzed for potential contaminants as defined by the New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103 Section A. The NMWQCC Standard 20.6.2.3103, Section A, provides the Human Health Standards for Groundwater. 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. In this report, groundwater analytical results for the COCs are compared to the NMWQCC standards as shown in the following table:

Analyte	***NMWQCC Standard for Groundwater***
20.6.2.3103 Section A – Human Health Standard	
Benzene	0.01 mg/L
Toluene	0.75 mg/L
Ethylbenzene	0.75 mg/L
Total Xylenes	0.62 mg/L

Section 3.0 Monitoring Well Gauging and Groundwater Sampling

The third quarter monitoring well gauging and groundwater sampling event was conducted on September 26, 2014. Each well cap was removed to allow groundwater levels to stabilize and equilibrate prior to gauging. CRA gauged monitoring wells MW-AR, MW-B, MW-C, MW-D, MW-E and MW-F and then purged and collected groundwater samples from MW-AR, MW-D, MW-E and MW-F using a disposable polyurethane bailer. MW-G was not gauged due to a casing deformity which had increased in size and would not allow the probe of a water level indicator to pass. In addition, MW-G was not purged and sample due to the Waterra Foot Valve used previously becoming dislodged from the LDPE 3/8 inch tubing and a replacement foot valve was unable to pass by the deformity. Light non-aqueous phase liquids (LNAPL) were measured at thicknesses of 2.38 ft in MW-B and 1.30 ft. in MW-C and were not sampled. The LNAPL thickness in MW-B increased by 0.45 ft from the thickness gauged in June 2014. The LNAPL thickness in MW-C increased by 1.15 ft from the thickness gauged in June 2014. 2014 groundwater gauging data, elevations, analytical results and LNAPL thickness are summarized in Table 1. Historical groundwater and LNAPL gauging measurements are summarized in Table 2.

Prior to sampling, all monitoring wells were purged of approximately three well-casing volumes while temperature, pH and conductivity were measured. Groundwater samples, including a duplicate sample, were collected using clean disposable bailers and decanted into clean containers supplied by the analytical laboratory. The samples were submitted under chain-of-custody to Accutest Laboratories of Texas. Groundwater monitoring field notes documenting gauging, purging and sampling data for the September 2014 quarterly event are presented as Appendix A. CRA's standard operating procedures for groundwater monitoring and sampling are presented as Appendix B.

3.1 Groundwater Gradient

Based on subsurface groundwater investigations conducted at the Site, the Ogallala Aquifer appears to be the origin of groundwater and the depth to groundwater is approximately 65 feet below ground surface (bgs). Historical static groundwater elevation has ranged between 3,691.46 (MW-E) and 3,695.74 (MW-A) ft. above mean seal level (famsl). Static groundwater elevations ranged from 3,691.89 (MW-E) to 3,693.23 (MW-AR) famsl on September 26, 2014. Groundwater flowed to the southeast with a gradient of 0.003 ft/ft (Figure 2). All wells on the site that were gauged through September 26, 2014 indicated a decline in the elevation of the potentiometric surface. The average decline from June 3, 2014 thru September 26, 2014 was 0.14 foot.

3.2 Purged Groundwater Management

Purged groundwater from MW-AR, MW-D, MW-E and MW-F has been determined to be below cleanup levels and was discharged to the ground surface as allowed by the NMOCD. Purged groundwater from MW-G is stored onsite in United States Department of Transportation-approved 55-gallon drums. Stored purge water will be properly disposed when all storage drums are full.

Section 4.0 Analytical Methods and Results

Groundwater samples collected from MW-AR, MW-D, MW-E, MW-F and MW-G were analyzed for benzene, toluene, ethylbenzene and total xylenes (BTEX) by SW-846 8260B.

4.1 Groundwater Sampling Results

BTEX was not detected above the NMWQCC cleanup levels in groundwater samples collected from MW-AR, MW-D, MW-E and MW-F. A groundwater sample was not collected from MW-G due to a deformity in the well. In June 2014, groundwater contained a benzene concentration of 103 micrograms per liter (ug/L) which exceeds the NMWQCC cleanup levels and a total xylene concentration of 105 micrograms per liter (ug/L) which is below the NMWQCC cleanup level for total xylenes. Historical groundwater analytical results and parameter readings are summarized in Table 3. Laboratory analytical reports are presented as Appendix C.

Section 5.0 LNAPL Abatement and Recovery

In April 2014, LNAPL abatement and recovery was initiated. LNAPL was bailed by hand from MW-B and MW-C during monthly visits for April, May and July, during the June quarterly monitoring event and the September quarterly monitoring event to the greatest practicable extent. The total amount bailed during the third quarter of 2014 for MW-B was 0.45 gallon and 0.20 gallon for MW-C. A cumulative total of LNAPL recovered from MW-B and MW-C during the third quarter of 2014 was 0.65 gallon. The cumulative total of LNAPL recovered from the Site since April 2014 is 2.35 gallons. LNAPL recovery for the third quarter of 2014 is summarized in Table 1. LNAPL thicknesses and BTEX analytical results are displayed in Figure 3.

Section 6.0 Conclusions and Recommendations

MW-G was not gauged, purged and sampled due to an increase in size of the casing deformity; therefore, groundwater analytical results are unavailable for the third quarter monitoring event. BTEX was not detected above the NMWQCC cleanup levels in groundwater samples collected from MW-AR, MW-D, MW-E, and MW-F. BTEX has not been detected above the NMWQCC cleanup levels in groundwater samples collected from MW-D, MW-E and MW-F since 2008. LNAPL thickness increased to 2.38 ft in MW-B and increased to 1.30 ft. in MW-C. LNAPL abatement and recovery via hand bailing initiated in April 2014 continued during the third quarter of 2014. For the third quarter of 2014 a cumulative total of 0.65 gallon of LNAPL was recovered from MW-B and MW-C and an accumulative total of 2.35 gallons of LNAPL have been recovered from the Site since April 2014.

For the Fourth Quarter of 2014, CRA recommends the following:

- Continue quarterly monitoring well gauging and groundwater sampling to evaluate the site's groundwater condition;
- Continue evaluating the BTEX concentration in MW-G (located down gradient from LNAPL plume) to determine if natural attenuation of the dissolved phase plume is occurring; and
- Conduct Enhanced Fluid Recovery (EFR) or limited Mobile Dual Phase Extraction (MDPE) events on MW-B and MW-C for a more aggressive LNAPL abatement and recovery.

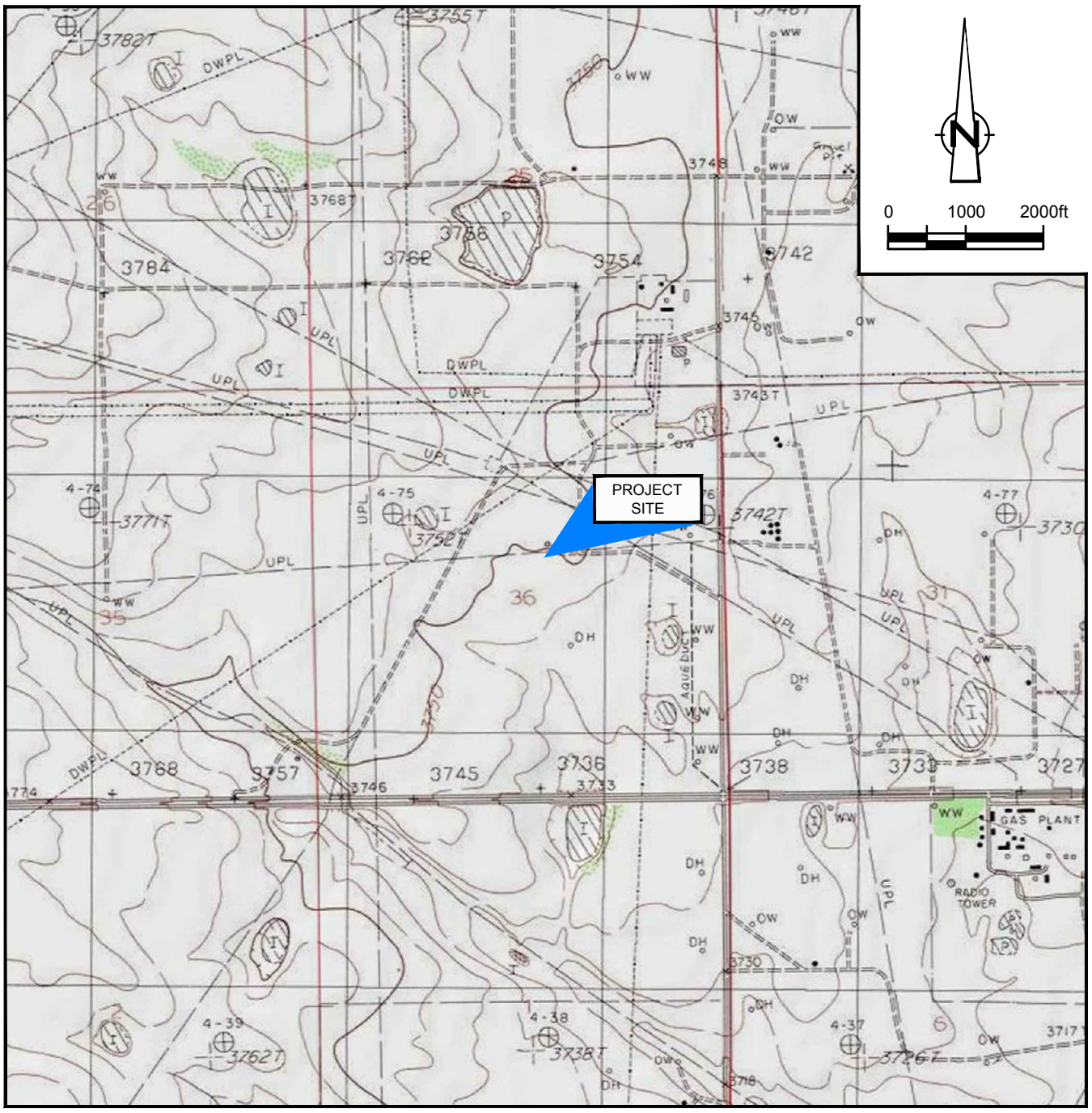
All of which is Respectfully Submitted,

CONESTOGA-ROVERS & ASSOCIATES

John Fergerson, P.G.
Senior Project Manager

Thomas C. Larson, P.G.
Principal, Midland Operations Manager

Figures



SOURCE: USGS 7.5 MINUTE QUAD
"MONUMENT NORTH, NEW MEXICO EAST"

LAT/LONG: 32.7056° NORTH, 103.3072° WEST
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - NEW MEXICO EAST

Figure 1

VICINITY MAP
HOBBS GAS PLANT
LEA COUNTY, NEW MEXICO
DCP Midstream

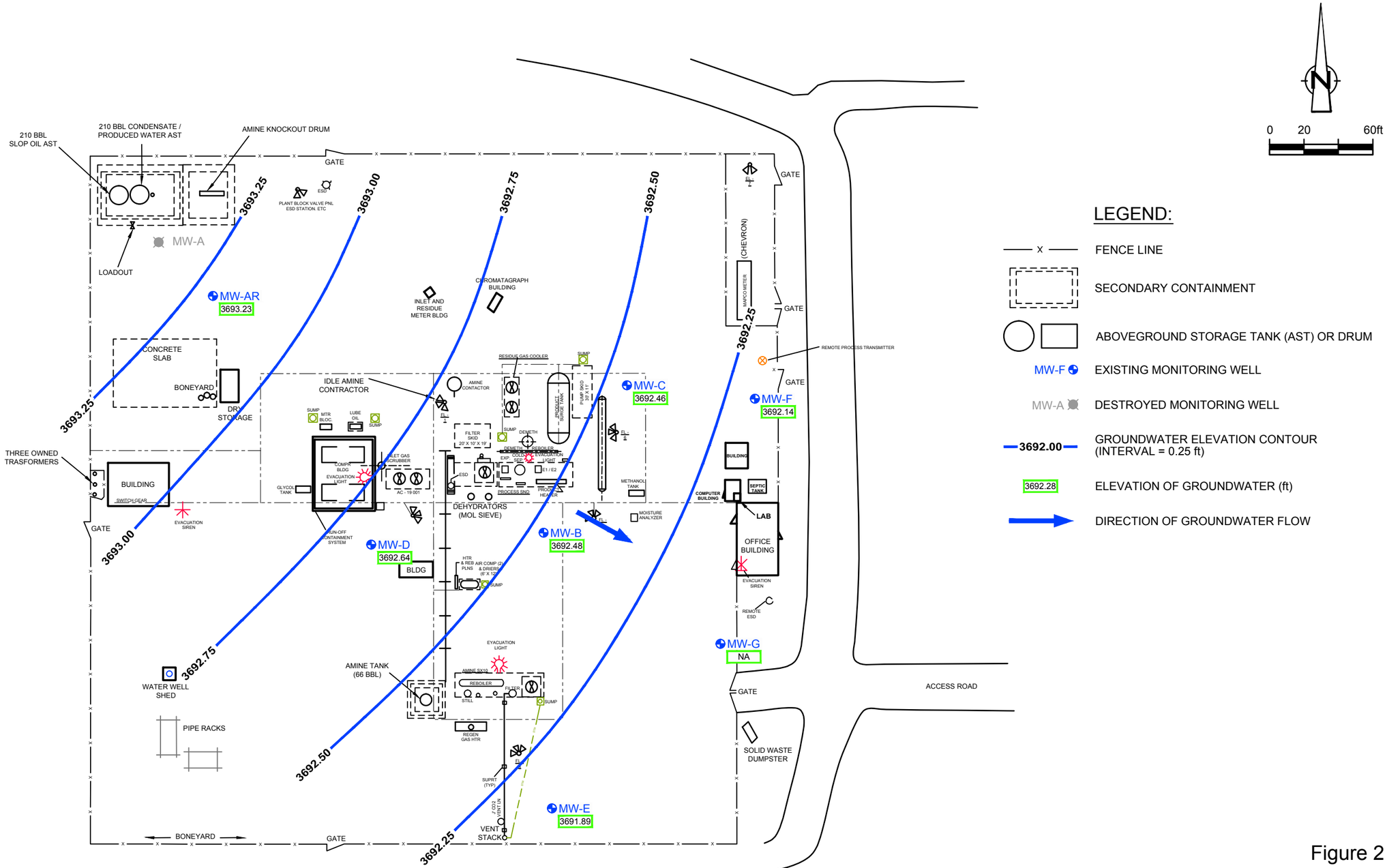
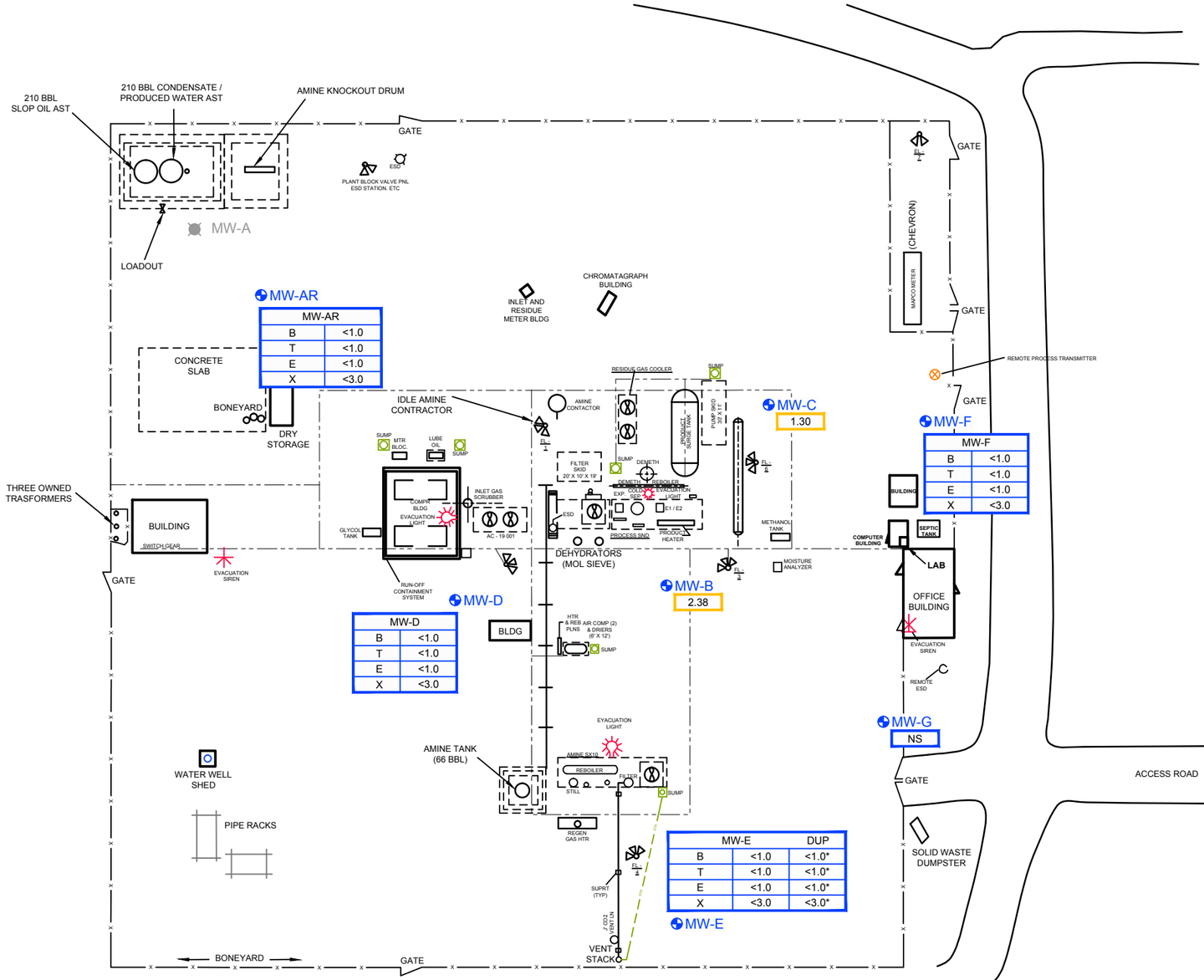
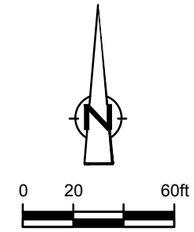


Figure 2

GROUNDWATER ELEVATION CONTOUR MAP - THIRD QUARTER 2014
HOBBS GAS PLANT
LEA COUNTY, NEW MEXICO
DCP Midstream
September 26, 2014





LEGEND:

- FENCE LINE
- SECONDARY CONTAINMENT
- ABOVEGROUND STORAGE TANK (AST) OR DRUM
- MW-F — EXISTING MONITORING WELL
- MW-A — DESTROYED MONITORING WELL
- 2.40 — THICKNESS OF LNAPL (FT.)
- <1.0* — INDICATES DUPLICATE SAMPLE

MW-C		
BENZENE	B	<1.0
TOLUENE	T	<1.0
ETHYLBENZENE	E	<1.0
XYLENES	X	<3.0

CONCENTRATION IN µg/L

NOTES:

1. GROUNDWATER SAMPLES WERE COLLECTED ON JUNE 3, 2014.
2. BTEX ANALYSIS WAS BY EPA METHOD 8260 AND REPORTED IN µg/L.
3. MW-B and MW-C NOT SAMPLED DUE TO LIGHT NON-AQUEOUS PHASE LIQUID (LNAPL).

Figure 3

GROUNDWATER BTEX ANALYTICAL RESULTS AND LNAPL THICKNESS - THIRD QUARTER 2014
HOBBS GAS PLANT
LEA COUNTY, NEW MEXICO
DCP Midstream
September 26, 2014

Tables

TABLE 1
DCP MIDSTREAM, LP - HOBBS GAS PLANT
2014 SUMMARY OF GROUNDWATER GAUGING DATA, ELEVATIONS,
ANALYTICAL RESULTS, LNAPL THICKNESS AND PRODUCT REMOVED

Well ID		Date	TOC (ft msl)	DTW (ft bgs)	DTP (ft bgs)	LNAPL Thickness (ft)	GWE (ft msl)	Product Removed (gals)	Benzene	Toluene	Ethyl - benzene	Total Xylenes
									← Concentrations in µg/l →			
NMWQCC Cleanup Levels									***10***	***750***	***750***	***620***
MW-AR		03/11/14	3755.73	62.21	--	--	3693.52	--	<1.0	<1.0	<1.0	<3.0
		06/03/14		62.35	--	--	3693.38	--	<1.0	<1.0	<1.0	<3.0
		09/26/14		62.50	--	--	3693.23	--	<1.0	<1.0	<1.0	<3.0
MW-B	*	03/11/14	3755.70	64.90	62.50	2.40	3692.74	--		LNAPL present		
	*	04/16/14		64.98	62.58	2.40	3692.66	0.75		LNAPL present		
	*	05/20/14		64.85	62.65	2.20	3692.63	0.30		LNAPL present		
	*	06/03/14		64.73	62.80	1.93	3692.53	0.35		LNAPL present		
	*	07/30/14		63.45	62.64	0.81	3692.91	0.20		LNAPL present		
	*	09/26/14		65.15	62.77	2.38	3692.48	0.25		LNAPL present		
MW-C	*	03/11/14	3755.35	63.12	62.55	0.57	3692.69	--		LNAPL present		
	*	04/16/14		63.31	62.60	0.71	3692.62	0.25		LNAPL present		
	*	05/20/14		63.08	62.67	0.41	3692.60	0.04		LNAPL present		
	*	06/03/14		63.08	62.93	0.15	3692.39	0.01		LNAPL present		
	*	07/30/14		62.39	62.39	0.00	3692.96	0.00		LNAPL present		
	*	09/26/14		63.94	62.64	1.30	3692.46	0.20		LNAPL present		
MW-D		03/11/14	3755.19	62.24	--	--	3692.95	--	<1.0	<1.0	<1.0	<3.0
		06/03/14		62.43	--	--	3692.76	--	<1.0	<1.0	<1.0	<3.0
		09/26/14		62.55	--	--	3692.64	--	<1.0	<1.0	<1.0	<3.0
MW-E		03/11/14	3754.11	61.95	--	--	3692.16	--	<1.0	<1.0	<1.0	<3.0
		06/03/14		62.09	--	--	3692.02	--	<1.0	<1.0	<1.0	<1.0
		09/26/14		62.22	--	--	3691.89	--	<1.0	<1.0	<1.0	<3.0
MW-F		03/11/14	3755.88	63.49	--	--	3692.39	--	<1.0	<1.0	<1.0	<3.0
		06/03/14		63.60	--	--	3692.28	--	<1.0	<1.0	<1.0	<1.0
		09/26/14		63.74	--	--	3692.14	--	<1.0	<1.0	<1.0	<3.0
MW-G		03/11/14	3754.67	62.73	--	--	3691.94	--	**109**	449	77.3	333
		06/03/14		Not Gauged due to Damage					--	--	--	--
		09/26/14		Not Gauged due to Damage					--	--	--	--

Notes and Abbreviations:
ID = Identification
TOC = Top of casing
DTW = Depth to water
GWE = Groundwater elevation
* = Groundwater elevation corrected using a LNAPL specific gravity of 0.81
Wells were re-surveyed on 9/25/2013
BTEX = Benzene, toluene, ethylbenzene, and total xylenes by SW-846 8021 or 8260B
ft msl = Feet above mean sea level
ft bgs = Feet below ground surface
µg/l = Micrograms per liter
<x = Not detected above x µg/l
BOLD = Indicates concentration above the NMQCC Cleanup Levels
NMWQCC = New Mexico Water Quality Control Commission
LNAPL = Light non-aqueous phase liquids

TABLE 2
DCP MIDSTREAM, LP - HOBBS GAS PLANT
HISTORICAL SUMMARY OF GROUNDWATER
AND LNAPL GAUGING MEASUREMENTS

Well ID	*Date*	*TOC (ft msl)*	*DTW (ft bgs)*	*DTP (ft.)*	*LNAPL Thickness (ft.)*	*GWE (ft msl)*	*Product Recovered (gal.)*
MW-A	03/23/06	3755.87	60.54	--	--	3695.33	--
	06/14/06		60.71	--	--	3695.16	--
	08/14/06		60.71	--	--	3695.16	--
	11/14/06		60.81	--	--	3695.06	--
	03/27/07		60.28	--	--	3695.59	--
	06/21/07		60.28	--	--	3695.59	--
	09/18/07		60.44	--	--	3695.43	--
	12/13/07		60.32	--	--	3695.55	--
	03/05/08		60.18	--	--	3695.69	--
	06/02/08		60.19	--	--	3695.68	--
	09/15/08		60.58	--	--	3695.29	--
	12/03/08		60.41	--	--	3695.46	--
	02/27/09		60.18	--	--	3695.69	--
	06/25/09		60.21	--	--	3695.66	--
	09/01/09		60.37	--	--	3695.50	--
	11/17/09		60.40	--	--	3695.47	--
	03/25/10		60.40	--	--	3695.47	--
	06/08/10		60.39	--	--	3695.48	--
	09/21/10		60.13	--	--	3695.74	--
	12/16/10		60.24	--	--	3695.63	--
	03/11/11		60.39	--	--	3695.48	--
	06/14/11		60.63	--	--	3695.24	--
	09/27/11		61.04	--	--	3694.83	--
	12/13/11		61.24	--	--	3694.63	--
	03/27/12		61.39	--	--	3694.48	--
	06/19/12		61.54	--	--	3694.33	--
	09/24/12		61.71	--	--	3694.16	--
	12/10/12		61.91	--	--	3693.96	--
MW-AR	09/17/13	3755.73	62.09	--	--	3693.64	--
	12/03/13		62.15	--	--	3693.58	--
	03/11/14		62.21	--	--	3693.52	--
	06/03/14		62.35	--	--	3693.38	--
	09/26/14		62.50	--	--	3693.23	--
MW-B	03/23/06	3755.94	62.08	--	--	3693.86	--
	06/15/06		61.58	--	--	3694.36	--
	08/14/06		62.34	--	--	3693.60	--
	11/14/06		62.16	--	--	3693.78	--
	03/27/07		61.77	--	--	3694.17	--
	06/21/07		61.84	--	--	3694.10	--
	09/18/07		61.93	--	--	3694.01	--

TABLE 2
DCP MIDSTREAM, LP - HOBBS GAS PLANT
HISTORICAL SUMMARY OF GROUNDWATER
AND LNAPL GAUGING MEASUREMENTS

Well ID	*Date*	*TOC (ft msl)*	*DTW (ft bgs)*	*DTP (ft.)*	*LNAPL Thickness (ft.)*	*GWE (ft msl)*	*Product Recovered (gal.)*
MW-B cont.	12/13/07		61.85	--	--	3694.09	--
	03/05/08		61.66	--	--	3694.28	--
	06/02/08		61.69	--	--	3694.25	--
	09/15/08		62.04	--	--	3693.90	--
	12/03/08		61.93	--	--	3694.01	--
	02/27/09		61.68	--	--	3694.26	--
	06/25/09		61.63	--	--	3694.31	--
	09/01/09		61.81	--	--	3694.13	--
	11/17/09		61.85	--	--	3694.09	--
	03/25/10		61.70	--	--	3694.24	--
	06/08/10		61.77	--	--	3694.17	--
	09/21/10		61.58	--	--	3694.36	--
	12/16/10		61.61	--	--	3694.33	--
	03/11/11		61.74	--	--	3694.20	--
	06/14/11		61.95	--	--	3693.99	--
	09/27/11		62.43	--	--	3693.51	--
	12/13/11		62.60	--	--	3693.34	--
*	03/27/12		62.94	--	0.29	3693.23	--
*	06/19/12		64.10	--	1.65	3693.18	--
*	09/24/12		64.60	--	2.10	3693.04	--
*	12/10/12		65.07	--	2.57	3692.95	--
*	03/11/13		65.00	--	3.60	3693.86	--
*	06/11/13		65.02	--	2.57	3693.00	--
*	09/16/13	3755.70	64.84	--	2.44	3692.84	--
*	12/03/13		64.82	62.42	2.40	3692.82	--
*	03/11/14		64.90	62.50	2.40	3692.74	--
*	04/16/14		64.98	62.58	2.40	3692.66	0.75
*	05/20/14		64.85	62.65	2.20	3692.63	0.30
	06/03/14		64.73	62.80	1.93	3692.53	0.35
*	07/30/14		63.45	62.64	0.81	3692.91	0.20
*	09/26/14		65.15	62.77	2.38	3692.48	0.25
MW-C	03/23/06	3755.59	61.69	--	--	3693.90	--
	06/14/06		61.86	--	--	3693.73	--
	08/14/06		61.88	--	--	3693.71	--
	11/14/06		61.70	--	--	3693.89	--
	03/27/07		61.28		--	3694.31	--
	06/21/07		61.57	--	--	3694.02	--
	09/18/07		61.48	--	--	3694.11	--
	12/13/07		61.34	--	--	3694.25	--
	03/05/08		61.18	--	--	3694.41	--
	06/02/08		61.22	--	--	3694.37	--

TABLE 2
DCP MIDSTREAM, LP - HOBBS GAS PLANT
HISTORICAL SUMMARY OF GROUNDWATER
AND LNAPL GAUGING MEASUREMENTS

Well ID	*Date*	*TOC (ft msl)*	*DTW (ft bgs)*	*DTP (ft.)*	*LNAPL Thickness (ft.)*	*GWE (ft msl)*	*Product Recovered (gal.)*
MW-C Cont.	09/15/08		61.54	--	--	3694.05	--
	12/03/08		61.48	--	--	3694.11	--
	02/27/09		61.15	--	--	3694.44	--
	06/25/09		61.16	--	--	3694.43	--
	09/01/09		61.35	--	--	3694.24	--
	11/17/09		61.37	--	--	3694.22	--
	03/25/10		61.27	--	--	3694.32	--
	06/08/10		61.33	--	--	3694.26	--
	09/21/10		61.10	--	--	3694.49	--
	12/16/10		61.15	--	--	3694.44	--
	03/11/11		61.28	--	--	3694.31	--
	06/14/11		61.52	--	--	3694.07	--
	09/27/11		62.00	--	--	3693.59	--
	12/13/11		62.20	--	--	3693.39	--
	03/27/12		62.33	--	--	3693.26	--
	06/19/12		62.45	--	--	3693.14	--
	09/24/12		62.67	--	--	3692.92	--
	12/10/12		62.73	--	--	3692.86	--
	03/11/13		61.70	--	--	3693.89	--
*	06/11/13		62.73	62.70	0.03	3692.88	--
*	09/16/13	3755.35	62.73	62.53	0.20	3692.78	--
	12/03/13		62.87	62.50	0.37	3692.78	--
*	03/11/14		63.12	62.55	0.57	3692.69	--
*	04/16/14		63.31	62.60	0.71	3692.62	0.25
*	05/20/14		63.08	62.67	0.41	3692.60	0.04
*	06/03/14		63.08	62.93	0.15	3692.39	0.01
*	07/30/14		62.39	62.39	0.00	3692.96	--
*	09/26/14		63.94	62.64	1.30	3692.46	0.20
MW-D	03/23/06	3755.43	61.09	--	--	3694.34	--
	06/14/06		61.32	--	--	3694.11	--
	08/14/06		61.36	--	--	3694.07	--
	11/14/06		61.22	--	--	3694.21	--
	03/27/07		60.85	--	--	3694.58	--
	06/21/07		60.97	--	--	3694.46	--
	09/18/07		61.05	--	--	3694.38	--
	12/13/07		60.91	--	--	3694.52	--
	03/05/08		60.77	--	--	3694.66	--
	06/02/08		60.77	--	--	3694.66	--
	09/15/08		61.10	--	--	3694.33	--
	12/03/08		61.08	--	--	3694.35	--
	02/27/09		60.79	--	--	3694.64	--

TABLE 2
DCP MIDSTREAM, LP - HOBBS GAS PLANT
HISTORICAL SUMMARY OF GROUNDWATER
AND LNAPL GAUGING MEASUREMENTS

Well ID	*Date*	*TOC (ft msl)*	*DTW (ft bgs)*	*DTP (ft.)*	*LNAPL Thickness (ft.)*	*GWE (ft msl)*	*Product Recovered (gal.)*
MW-D cont.	06/25/09		60.77	--	--	3694.66	--
	09/01/09		60.96	--	--	3694.47	--
	11/17/09		60.96	--	--	3694.47	--
	03/25/10		60.89	--	--	3694.54	--
	06/08/10		60.91	--	--	3694.52	--
	09/21/10		60.66	--	--	3694.77	--
	12/16/10		60.72	--	--	3694.71	--
	03/11/11		60.84	--	--	3694.59	--
	06/14/11		61.09	--	--	3694.34	--
	09/27/11		61.55	--	--	3693.88	--
	12/13/11		61.70	--	--	3693.73	--
	03/27/12		61.84	--	--	3693.59	--
	06/19/12		61.97	--	--	3693.46	--
	09/24/12		62.12	--	--	3693.31	--
	12/10/12		62.26	--	--	3693.17	--
	03/11/13		62.20	--	--	3693.23	--
	06/11/13		62.26	--	--	3693.17	--
	09/17/13	3755.19	62.14	--	--	3693.05	--
	12/03/13		62.15	--	--	3693.04	--
	03/11/14		62.24	--	--	3692.95	--
	06/03/14		62.43	--	--	3692.76	--
	09/26/14		62.55	--	--	3692.64	--
MW-E	03/23/06	3754.36	61.09	--	--	3693.27	--
	06/15/06		61.32	--	--	3693.04	--
	08/14/06		61.41	--	--	3692.95	--
	11/14/06		61.27	--	--	3693.09	--
	03/27/07		60.86	--	--	3693.50	--
	06/21/07		61.09	--	--	3693.27	--
	09/18/07		61.09	--	--	3693.27	--
	12/13/07		60.91	--	--	3693.45	--
	03/05/08		60.75	--	--	3693.61	--
	06/02/08		60.78	--	--	3693.58	--
	09/15/08		61.21	--	--	3693.15	--
	12/03/08		61.13	--	--	3693.23	--
	02/27/09		60.81	--	--	3693.55	--
	06/25/09		60.74	--	--	3693.62	--
	09/01/09		60.93	--	--	3693.43	--
	11/17/09		60.94	--	--	3693.42	--
	03/25/10		60.82	--	--	3693.54	--
	06/08/10		60.83	--	--	3693.53	--
	09/21/10		60.65	--	--	3693.71	--

TABLE 2
DCP MIDSTREAM, LP - HOBBS GAS PLANT
HISTORICAL SUMMARY OF GROUNDWATER
AND LNAPL GAUGING MEASUREMENTS

Well ID	*Date*	*TOC (ft msl)*	*DTW (ft bgs)*	*DTP (ft.)*	*LNAPL Thickness (ft.)*	*GWE (ft msl)*	*Product Recovered (gal.)*
MW-E cont.	12/16/10		60.65	--	--	3693.71	--
	03/11/11		60.75	--	--	3693.61	--
	06/14/11		60.91	--	--	3693.45	--
	09/27/11		61.43	--	--	3692.93	--
	12/13/11		61.59	--	--	3692.77	--
	03/27/12		61.66	--	--	3692.70	--
	06/19/12		61.81	--	--	3692.55	--
	09/24/12		61.94	--	--	3692.42	--
	12/10/12		62.90	--	--	3691.46	--
	03/11/13		61.91	--	--	3692.45	--
	06/11/13		61.97	--	--	3692.39	--
	09/17/13	3754.11	61.90	--	--	3692.21	--
	12/03/13		61.85	--	--	3692.26	--
	03/11/14		61.95	--	--	3692.16	--
	06/03/14		62.09	--	--	3692.02	--
	09/26/14		62.22	--	--	3691.89	--
MW-F	03/23/06	3756.13	62.53	--	--	3693.60	--
	06/14/06		62.72	--	--	3693.41	--
	08/14/06		62.68	--	--	3693.45	--
	11/14/06		62.46	--	--	3693.67	--
	03/27/07		67.05	--	--	3689.08	--
	06/21/07		62.32	--	--	3693.81	--
	09/18/07		62.31	--	--	3693.82	--
	12/13/07		62.19	--	--	3693.94	--
	03/05/08		62.01	--	--	3694.12	--
	06/02/08		62.06	--	--	3694.07	--
	09/15/08		62.44	--	--	3693.69	--
	12/03/08		62.22	--	--	3693.91	--
	02/27/09		61.97	--	--	3694.16	--
	06/25/09		61.96	--	--	3694.17	--
	09/01/09		62.18	--	--	3693.95	--
	11/17/09		62.13	--	--	3694.00	--
	03/25/10		62.02	--	--	3694.11	--
	06/08/10		62.12	--	--	3694.01	--
	09/21/10		61.92	--	--	3694.21	--
	12/16/10		61.93	--	--	3694.20	--
	03/11/11		62.05	--	--	3694.08	--
	06/14/11		62.35	--	--	3693.78	--
	09/27/11		62.85	--	--	3693.28	--
	12/13/11		63.05	--	--	3693.08	--
	03/27/12		63.16	--	--	3692.97	--

TABLE 2
DCP MIDSTREAM, LP - HOBBS GAS PLANT
HISTORICAL SUMMARY OF GROUNDWATER
AND LNAPL GAUGING MEASUREMENTS

Well ID	*Date*	*TOC (ft msl)*	*DTW (ft bgs)*	*DTP (ft.)*	*LNAPL Thickness (ft.)*	*GWE (ft msl)*	*Product Recovered (gal.)*
MW-F cont.	06/19/12		63.30	--	--	3692.83	--
	09/24/12		63.50	--	--	3692.63	--
	12/10/12		63.65	--	--	3692.48	--
	03/11/13		63.50	--	--	3692.63	--
	06/11/13		63.51	--	--	3692.62	--
	09/17/13	3755.88	63.41	--	--	3692.47	--
	12/03/13		63.40	--	--	3692.48	--
	03/11/14		63.49	--	--	3692.39	--
	06/03/14		63.60	--	--	3692.28	--
	09/26/14		63.74	--	--	3692.14	--
MW-G	09/17/13	3754.67	62.65	--	--	3692.02	--
	12/03/13		62.63	--	--	3692.04	--
	12/18/13		62.61	--	--	3692.06	--
	03/11/14		62.73	--	--	3691.94	--
	06/03/14		Not Gauged due to Damage			--	--
	09/26/14		Not Gauged due to Damage			--	--

Notes and Abbreviations:

ID = Identification
TOC = Top of casing
DTW = Depth to water
LNAPL = Light non-aqueous phase liquids
GWE = Groundwater elevation
* = Groundwater elevation corrected using a LNAPL specific gravity of 0.81
ft msl = Feet above mean sea level
ft bgs = Feet below ground surface
-- = No LNAPL gauged
Wells were re-surveyed on 9/25/2013

TABLE 3
DCP MIDSTREAM, LP - HOBBS GAS PLANT
HISTORICAL SUMMARY OF GROUNDWATER
ANALYTICAL RESULTS AND PARAMETER READINGS

Well ID	*Sample Date*	*Benzene 10 (µg/l)*	*Toluene 750 (µg/l)*	*Ethyl-Benzene 750 (µg/l)*	*Total Xylenes 620 (µg/l)*	*LNAPL Thickness (ft)*	*pH (s.u.)*	*Conductivity (µS/cm)*	*Temperature (°C)*	*DO (mg/l)*	*ORP (mV)*
			NMWQCC Cleanup Levels								
MW-AR	03/23/06	< 1.0	< 5.0	< 1.0	< 3.0	--	7.37	373	17.0	6.19	--
DUP	03/23/06	< 1.0	< 5.0	< 1.0	< 3.0	--	--	--	--	--	--
	06/14/06	< 1.0	< 5.0	< 1.0	< 3.0	--	7.38	532	20.1	8.67	--
	08/14/06	< 0.5	< 5.0	< 0.5	< 1.5	--	5.70	578	22.4	5.7	68.7
	11/14/06	< 1.0	< 5.0	< 1.0	< 3.0	--	7.10	433	18.9	7.6	44.4
	03/28/07	< 1.0	< 5.0	< 1.0	< 3.0	--	7.71	594	18.9	10.04	223.7
	06/21/07	< 1.0	< 5.0	< 1.0	< 3.0	--	7.30	565	19.5	5.45	28.7
	09/18/07	< 1.0	< 5.0	< 1.0	< 3.0	--	7.13	495	19.9	4.79	5.9
	12/13/07	< 1.0	< 5.0	< 1.0	< 3.0	--	7.23	614	18.4	7.01	-8.6
	03/05/08	**11**	<5.0	3.8	15.0	--	7.20	431	17.5	11.42	21.3
	06/02/08	<0.46	<0.48	<0.45	<1.4	--	7.31	573	20.6	5.49	31.1
	09/15/08	<0.46	<0.48	<0.45	<1.4	--	6.81	533	19.3	4.96	238.7
	12/03/08	<0.46	<0.48	<0.45	<1.4	--	7.37	505	18.2	7.17	183.9
	02/27/09	<0.46	<0.48	<0.45	<1.4	--	7.29	505	19.3	8.15	64.1
	06/25/09	<2.0	<2.0	<2.0	<6.0	--	6.90	660	19.8	8.20	145.0
	09/01/09	<2.0	<2.0	<2.0	<6.0	--	7.07	670	19.9	8.11	69.0
	11/17/09	<2.0	<2.0	<2.0	<6.0	--	7.82	576	17.7	--	--
	03/25/10	<2.0	<2.0	<2.0	<6.0	--	7.51	567	21.7	--	--
	06/08/10	<2.0	<2.0	<2.0	<6.0	--	7.36	513	--	--	--
	09/21/10	<0.50	<0.43	<0.55	<1.7	--	7.11	585	20.3	--	--
	12/16/10	<0.50	<0.43	<0.55	<1.7	--	7.27	226	18.0	--	--
	03/11/11	<2.0	<2.0	<2.0	<6.0	--	7.31	557	19.4	--	--
	06/14/11	<1.0	<1.0	<1.0	<3.0	--	6.93	582	21.0	--	--
	09/27/11	<1.0	<1.0	<1.0	<3.0	--	7.65	539	20.8	--	--
	12/13/11	<1.0	<1.0	<1.0	<3.0	--	7.50	574	17.5	--	--
	03/27/12	<1.0	<1.0	<1.0	<3.0	--	7.79	516	19.7	--	--
	06/19/12	<1.0	<1.0	<1.0	<3.0	--	7.53	518	20.2	--	--
	09/24/12	<1.0	<1.0	<1.0	<3.0	--	7.86	554	20.5	--	--
	12/10/12	<1.0	<1.0	<1.0	<3.0	--	7.10	554	19.7	--	--
	09/17/13	<1.0	<1.0	<1.0	<3.0	--	7.67	581	19.2	--	--
	12/03/13	<1.0	<1.0	<1.0	<3.0	--	8.17	792	18.9	--	--
	03/11/14	<1.0	<1.0	<1.0	<3.0	--	8.26	568	18.8	--	--
	06/03/14	<1.0	<1.0	<1.0	<3.0	--	7.51	580	19.0	--	--
	09/26/14	<1.0	<1.0	<1.0	<3.0	--	7.43	568	19.0	--	--

TABLE 3
DCP MIDSTREAM, LP - HOBBS GAS PLANT
HISTORICAL SUMMARY OF GROUNDWATER
ANALYTICAL RESULTS AND PARAMETER READINGS

Well ID	Sample Date	Benzene 10 (µg/l)	Toluene 750 (µg/l)	Ethyl-Benzene 750 (µg/l)	Total Xylenes 620 (µg/l)	LNAPL Thickness (ft)	pH (s.u.)	Conductivity (µS/cm)	Temperature (°C)	DO (mg/l)	ORP (mV)
		NMWQCC Cleanup Levels									
MW-B	03/23/06	**200**	370	43	**750**	--	6.96	440	19.1	1.71	--
	06/15/06	**150**	110	40	270	--	7.02	809	19.2	3.68	--
DUP	06/15/06	**110**	50	27	160	--	--	--	--	--	--
	08/14/06	**29**	6.2	< 0.5	48	--	6.63	753	19.9	1.41	-140.6
	11/14/06	**200**	74	82	440	--	6.69	609	19.0	7.83	-198.5
	03/28/07	**300**	120	140	**1000**	--	6.84	1009	19.4	4.34	-150.6
	06/21/07	**310**	81	110	**740**	--	6.92	863	19.1	3.72	-127.9
	09/18/07	**410**	87	160	**1100**	--	6.74	822	20.0	1.18	-140.1
	12/13/07	**420**	86	140	**630**	--	6.85	980	18.2	7.39	--
	03/05/08	**550**	64	130	**730**	--	6.67	836	17.0	2.49	-214.1
	06/02/08	**444**	86.5	155	**716**	--	7.08	868	20.0	1.09	-150.1
	09/15/08	**398**	36.6	157	**947**	--	6.60	902	19.6	0.56/0.56	1.0
DUP	09/15/08	**488**	46	200	**1,210**	--	--	--	--	--	--
	12/03/08	**25.6**	0.56	7.1	29.2	--	6.93	889	18.4	1.57	-161.4
	02/27/09	**592**	86.3	176	**1,230**	--	6.87	921	18.8	0.96	-115.7
	06/25/09	**1,490**	270	411	**2,750**	--	6.60	130	19.8	2.50	-131.0
	09/01/09	**1,420**	195	380	**2,930**	--	6.60	130	20.4	1.92	-206.0
	11/17/09	**199**	2.9	68.5	159	--	6.99	822	17.5	--	--
	03/25/10	**199**	7.8	112	375	--	6.99	1007	20.8	--	--
	06/08/10	**438**	20.2	161	**836**	--	6.98	866	21.6	--	--
DUP	06/08/10	**631**	26.8	191	**1,230**	--	--	--	--	--	--
	09/21/10	**572**	21.7	167	**885**	--	6.73	981	19.7	--	--
	12/16/10	**154**	14.6	52.8	239	--	7.04	994	17.5	--	--
	03/11/11	**360**	19.9	175	**742**	--	6.89	946	19.5	--	--
DUP	03/11/11	**295**	--	--	**742**	--	--	--	--	--	--
	06/14/11	**295**	9.2	135	584	--	6.69	998	20.1	--	--
DUP	06/14/11	**448**	11	162	**932**	--	--	--	--	--	--
	09/27/11	**225**	0.8	147	464	--	7.30	873	20.8	--	--
	12/13/11	**357**	10	157	581	--	7.07	1006	18.2	--	--
	03/27/12	LNAPL present				0.29	--	--	--	--	--
	06/19/12	LNAPL present				1.65	--	--	--	--	--
	09/24/12	LNAPL present				2.10	--	--	--	--	--
	12/10/12	LNAPL present				2.57	--	--	--	--	--
	03/11/13	LNAPL present				3.60	--	--	--	--	--
	06/11/13	LNAPL present				2.57	--	--	--	--	--
	09/16/13	LNAPL present				2.44	--	--	--	--	--

TABLE 3
DCP MIDSTREAM, LP - HOBBS GAS PLANT
HISTORICAL SUMMARY OF GROUNDWATER
ANALYTICAL RESULTS AND PARAMETER READINGS

Well ID	*Sample Date*	*Benzene 10 (µg/l)*	*Toluene 750 (µg/l)*	*Ethyl-Benzene 750 (µg/l)*	*Total Xylenes 620 (µg/l)*	*LNAPL Thickness (ft)*	*pH (s.u.)*	*Conductivity (µS/cm)*	*Temperature (°C)*	*DO (mg/l)*	*ORP (mV)*
		NMWQCC Cleanup Levels									
MW-B cont.	12/03/13	LNAPL present				2.40	--	--	--	--	--
	03/11/14	LNAPL present				2.40	--	--	--	--	--
	06/03/14	LNAPL present				1.93	--	--	--	--	--
	09/26/14	LNAPL present				2.38	--	--	--	--	--
MW-C	03/23/06	< 1.0	< 5.0	< 1.0	< 3.0	--	7.12	350	19.2	4.21	-
	06/14/06	**80.0**	37.0	22.0	180	--	7.03	618	20.1	4.17	-
	08/14/06	**31.0**	8.70	2.90	58.0	--	6.71	644	22.0	2.08	-147.4
	11/14/06	**30.0**	19.0	11.0	83.0	--	6.71	483	18.5	4.31	-138.6
	03/28/07	**84.0**	44.0	19.0	160	--	6.98	692	18.6	4.79	-95.4
	06/21/07	**18.0**	7.10	3.50	26.0	--	7.02	659	18.9	4.36	-90.5
	09/18/07	**43.0**	5.30	14.0	57.0	--	6.88	625	19.2	3.8	-103.6
DUP	09/18/07	**48.0**	6.90	16.0	64.0	--	--	--	--	--	--
	12/13/07	**13.0**	< 5.0	4.50	22.0	--	7.00	844	18.0	10.86	-106.1
DUP	12/13/07	**17.0**	< 5.0	5.80	25.0	--	--	--	--	--	--
	03/05/08	**61.0**	5.30	19.0	78.0	--	--	--	--	--	--
DUP	03/05/08	**160**	<25	160	140	--	6.91	535	17.5	6.50	-104.1
	06/02/08	**75.1**	4.90	26.3	121	--	--	--	--	--	--
DUP	06/02/08	**103**	8.10	36.9	170	--	6.90	781	20.0	2.64	-121.2
	09/15/08	**130**	5.70	47.3	222	--	6.51	679	19.0	1.97	160.3
	12/03/08	**39.0**	<0.48	10.5	33.3	--	6.88	621	18.2	2.31	-17.8
DUP	12/03/08	**50.6**	<0.48	13.6	44.5	--	--	--	--	--	--
	02/27/09	**69.9**	0.78	20.1	86.8	--	6.90	614	18.6	1.96	-8.7
DUP	02/27/09	**36.6**	<0.48	10.0	43.3	--	--	--	--	--	--
	06/25/09	**54.3**	0.72	11.9	53.0	--	6.60	760	19.6	4.42	54.0
DUP	06/25/09	**64.2**	0.87	19.0	82.4	--	--	--	--	--	--
	09/01/09	**82.8**	1.30	23.1	132	--	6.78	990	19.3	2.66	40.0
DUP	09/01/09	**71.5**	1.00	19.8	110	--	--	--	--	--	--
	11/17/09	**30.0**	<2.0	9.30	53.0	--	7.26	631	17.2	--	--
DUP	11/17/19	**25.7**	<2.0	7.70	44.3	--	--	--	--	--	--
	03/25/10	**48.2**	3.00	16.9	141	--	7.13	686	19.2	--	--
DUP	03/25/10	**52.2**	2.90	20.3	123	--	--	--	--	--	--
	06/08/10	**20.4**	1.10	8.50	52.3	--	6.92	621	23.1	--	--
	09/21/10	**124**	3.10	50.4	276	--	6.58	742	19.2	--	--
	12/16/10	**10.7**	0.59	5.10	25.2	--	6.95	761	18.1	--	--
DUP	12/16/10	5.40	<0.43	2.80	12.6	--	--	--	--	--	--

TABLE 3
DCP MIDSTREAM, LP - HOBBS GAS PLANT
HISTORICAL SUMMARY OF GROUNDWATER
ANALYTICAL RESULTS AND PARAMETER READINGS

Well ID	Sample Date	Benzene 10 (µg/l)	Toluene 750 (µg/l)	Ethyl-Benzene 750 (µg/l)	Total Xylenes 620 (µg/l)	LNAPL Thickness (ft)	pH (s.u.)	Conductivity (µS/cm)	Temperature (°C)	DO (mg/l)	ORP (mV)
			NMWQCC Cleanup Levels								
MW-C cont.	03/11/11	**95.8**	5.70	42.4	235	--	6.80	725	19.3	--	--
	06/14/11	**66.0**	2.80	29.8	145	--	6.60	737	21.2	--	--
	09/27/11	**40.3**	0.73	19.9	94.4	--	7.34	677	20.5	--	--
	12/13/11	**112**	4.30	29.8	200	--	7.06	730	16.5	--	--
DUP	12/13/11	**44.1**	1.90	14.4	97.7	--	--	--	--	--	--
	03/27/12	**37.0**	1.20	11.4	75.8	--	7.26	652	19.2	--	--
DUP	03/27/12	**52.0**	1.80	15.0	108	--	--	--	--	--	--
	06/19/12	**66.8**	1.90	20.1	135	--	7.15	701	20.0	--	--
	09/24/12	**2.10**	<0.33	0.89	5.60	--	7.76	732	20.6	--	--
	12/10/12	**26.6**	2.20	8.20	57.8	--	7.08	670	17.6	--	--
	03/11/13	**8.60**	0.66	2.90	19.8	--	7.64	801	18.4	--	--
DUP	03/11/13	**4.70**	0.37	1.60	11.1	--	--	--	--	--	--
	06/11/13		LNAPL present			0.03	--	--	--	--	--
	09/16/13		LNAPL present			0.20	--	--	--	--	--
	12/03/13		LNAPL present			0.37	--	--	--	--	--
	03/11/14		LNAPL present			0.57	--	--	--	--	--
	06/03/14		LNAPL present			0.15	--	--	--	--	--
	09/26/14		LNAPL present			1.30	--	--	--	--	--
MW-D	03/23/06	< 1.0	< 5.0	< 1.0	< 3.0	< 0.1	6.86	426	18.5	3.88	--
	06/14/06	< 1.0	< 5.0	< 1.0	< 3.0	< 0.1	6.08	722	20.1	5.36	--
	08/14/06	< 0.5	< 5.0	< 0.5	< 1.5	--	7.08	602	20.0	7.38	109.6
	11/14/06	< 1.0	< 5.0	< 1.0	< 3.0	--	6.73	464	19.0	6.53	79.2
	03/28/07	< 1.0	< 5.0	< 1.0	< 3.0	--	6.90	777	19.2	9.8	715.4
	06/21/07	< 1.0	< 5.0	< 1.0	< 3.0	--	6.99	681	19.3	6.24	54.9
	09/18/07	< 1.0	< 5.0	< 1.0	< 3.0	--	6.79	645	19.5	4.46	65.6
	12/13/07	< 1.0	< 5.0	< 1.0	< 3.0	--	7.00	714	18.3	10.41	5.4
	03/05/08	<1.0	<5.0	<1.0	<3.0	--	6.85	507	17.2	9.66	22.5
	06/02/08	<0.46	<0.48	<0.45	<1.4	--	7.13	668	20.0	5.39	29.2
	09/15/08	<0.46	<0.48	<0.45	<1.4	--	6.64	646	19.4	3.65	233.1
	12/03/08	<0.46	<0.48	<0.45	<1.4	--	7.09	587	18.0	5.46	175.5
	02/27/09	<0.46	<0.48	<0.45	<1.4	--	7.01	589	19.6	7.22	77.1
	06/25/09	<2.0	<2.0	<2.0	<6.0	--	6.70	820	20.1	6.38	177.0
	09/01/09	<2.0	<2.0	<2.0	<6.0	--	6.81	860	19.9	6.11	118.0
	11/17/09	<2.0	<2.0	<2.0	<6.0	--	7.67	658	16.7	--	--
	03/25/10	<2.0	<2.0	<2.0	<6.0	--	7.18	706	19.5	--	--

TABLE 3
DCP MIDSTREAM, LP - HOBBS GAS PLANT
HISTORICAL SUMMARY OF GROUNDWATER
ANALYTICAL RESULTS AND PARAMETER READINGS

Well ID	Sample Date	Benzene 10 (µg/l)	Toluene 750 (µg/l)	Ethyl-Benzene 750 (µg/l)	Total Xylenes 620 (µg/l)	LNAPL Thickness (ft)	pH (s.u.)	Conductivity (µS/cm)	Temperature (°C)	DO (mg/l)	ORP (mV)
				NMWQCC Cleanup Levels							
MW-D cont.	06/08/10	<2.0	<2.0	<2.0	<6.0	--	7.09	636	22.3	--	--
	09/21/10	<0.50	<0.43	<0.55	<1.7	--	6.84	731	19.3	--	--
	12/16/10	<0.50	<0.43	<0.55	<1.7	--	7.03	795	18.7	--	--
	03/11/11	<2.0	<2.0	<2.0	<6.0	--	6.82	761	19.4	--	--
	06/14/11	<1.0	<1.0	<1.0	<3.0	--	6.65	842	20.0	--	--
	09/27/11	<1.0	<1.0	<1.0	<3.0	--	7.21	709	20.6	--	--
	12/13/11	<1.0	<1.0	<1.0	<3.0	--	7.28	772	16.7	--	--
	03/27/12	<1.0	<1.0	<1.0	<3.0	--	7.18	660	20.5	--	--
	06/19/12	<1.0	<1.0	<1.0	<3.0	--	7.26	706	21.1	--	--
	09/24/12	<1.0	<1.0	<1.0	<3.0	--	8.18	718	23.0	--	--
	12/10/12	<1.0	<1.0	<1.0	<3.0	--	6.92	676	18.3	--	--
DUP	12/10/12	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	03/11/13	<1.0	<1.0	<1.0	<3.0	--	8.14	707	18.8	--	--
	06/11/13	<1.0	<1.0	<1.0	<3.0	--	7.01	658	20.5	--	--
DUP	06/11/13	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	09/17/13	<1.0	<1.0	<1.0	<3.0	--	7.38	694	19.5	--	--
	12/03/13	<1.0	<1.0	<1.0	<3.0	--	8.32	696	18.1	--	--
	03/11/14	<1.0	<1.0	<1.0	<3.0	--	7.97	641	19.0	--	--
	06/03/14	<1.0	<1.0	<1.0	<3.0	--	7.40	642	19.6	--	--
DUP	06/03/14	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	09/26/14	<1.0	<1.0	<1.0	<3.0	--	7.32	665	19.1	--	--
MW-E	03/23/06	< 1.0	< 5.0	< 1.0	< 3.0	< 0.1	7.21	347	19.7	5.04	--
	06/15/06	< 1.0	< 5.0	< 1.0	< 3.0	< 0.1	7.13	543	19.4	6.43	--
	08/14/06	< 0.5	< 5.0	< 0.5	< 1.5	--	6.75	541	20.3	7.24	101.4
	11/14/06	< 1.0	< 5.0	< 1.0	< 3.0	--	6.83	413	19.0	6.69	54.1
	03/28/07	< 1.0	< 5.0	< 1.0	< 3.0	--	7.07	667	19.0	6.44	46.9
DUP	03/28/07	< 1.0	< 5.0	< 1.0	< 3.0	--	--	--	--	--	--
	06/21/07	< 1.0	< 5.0	< 1.0	< 3.0	--	6.90	640	19.1	3.94	20.3
	09/18/07	< 1.0	< 5.0	< 1.0	< 3.0	--	6.92	585	22.0	3.28	7.6
	12/13/07	< 1.0	< 5.0	< 1.0	< 3.0	--	7.02	778	18.0	7.28	3.5
	03/05/08	**14.0**	< 5.0	3.90	14.0	--	6.89	487	17.3	8.99	38.4
	06/02/08	<0.46	<0.48	<0.45	<1.4	--	7.07	633	19.9	3.72	9.4
	09/15/08	<0.46	<0.48	<0.45	<1.4	--	6.74	601	19.3	4.02	228.3
	12/03/08	<0.46	<0.48	<0.45	<1.4	--	7.03	592	18.6	5.25	186.2
	02/27/09	<0.46	<0.48	<0.45	<1.4	--	7.01	590	19.1	6.29	91.2

TABLE 3
DCP MIDSTREAM, LP - HOBBS GAS PLANT
HISTORICAL SUMMARY OF GROUNDWATER
ANALYTICAL RESULTS AND PARAMETER READINGS

Well ID	Sample Date	Benzene 10 (µg/l)	Toluene 750 (µg/l)	Ethyl-Benzene 750 (µg/l)	Total Xylenes 620 (µg/l)	LNAPL Thickness (ft)	pH (s.u.)	Conductivity (µS/cm)	Temperature (°C)	DO (mg/l)	ORP (mV)
				NMWQCC Cleanup Levels							
MW-E cont.	06/25/09	<2.0	<2.0	<2.0	<6.0	--	6.80	270	20.1	5.19	60.0
	09/01/09	<2.0	<2.0	<2.0	<6.0	--	6.84	780	20.9	5.95	16.0
	11/17/09	<2.0	<2.0	<2.0	<6.0	--	7.32	610	17.1	--	--
	03/25/10	<2.0	<2.0	<2.0	<6.0	--	7.14	654	19.5	--	--
	06/08/10	<2.0	<2.0	<2.0	<6.0	--	7.00	612	22.5	--	--
	09/21/10	<0.50	<0.43	<0.55	<1.7	--	6.72	730	19.4	--	--
DUP	09/21/10	<0.50	<0.43	<0.55	<1.7	--	--	--	--	--	--
	12/16/10	<0.50	<0.43	<0.55	<1.7	--	7.01	699	18.1	--	--
	03/11/11	<2.0	<2.0	<2.0	<6.0	--	6.82	685	19.3	--	--
DUP	03/11/11	<2.0	<2.0	<2.0	<6.0	--	--	--	--	--	--
	06/14/11	<1.0	<1.0	<1.0	<3.0	--	6.63	728	21.0	--	--
	09/27/11	<1.0	<1.0	<1.0	<3.0	--	7.42	607	20.9	--	--
DUP	09/27/11	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	12/13/11	<1.0	<1.0	<1.0	<3.0	--	7.19	682	15.9	--	--
	03/27/12	<1.0	<1.0	<1.0	<3.0	--	7.55	630	20.0	--	--
	06/19/12	<1.0	<1.0	<1.0	<3.0	--	7.25	641	19.9	--	--
DUP	06/19/12	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	09/24/12	<1.0	<1.0	<1.0	<3.0	--	7.83	707	23.0	--	--
DUP	09/24/12	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	12/10/12	<1.0	<1.0	<1.0	<3.0	--	6.21	653	17.1	--	--
	03/11/13	<1.0	<1.0	<1.0	<3.0	--	8.17	697	18.8	--	--
	06/11/13	<1.0	<1.0	<1.0	<3.0	--	6.98	687	23.4	--	--
	09/17/13	<1.0	<1.0	<1.0	<3.0	--	7.30	717	19.2	--	--
	12/03/13	<1.0	<1.0	<1.0	<3.0	--	8.40	663	18.5	--	--
	03/11/14	<1.0	<1.0	<1.0	<3.0	--	8.05	629	19.0	--	--
	06/03/14	<1.0	<1.0	<1.0	<3.0	--	7.33	683	19.3	--	--
	09/26/14	<1.0	<1.0	<1.0	<3.0	--	7.28	638	19.2	--	--
	09/26/14	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-F	03/23/06	< 1.0	< 5.0	< 1.0	< 3.0	< 0.1	6.82	517	19.4	2.12	--
	06/14/06	< 1.0	< 5.0	< 1.0	< 3.0	< 0.1	6.81	855	21.7	5.52	--
	08/14/06	< 0.5	< 5.0	< 0.5	< 1.5	--	6.65	846	20.0	2.45	123.7
DUP	08/14/06	< 0.5	< 5.0	< 0.5	< 1.5	--	--	--	--	--	--
	11/14/06	< 1.0	< 5.0	< 1.0	< 3.0	--	6.52	544	18.2	4.5	178.2
DUP	11/14/06	< 1.0	< 5.0	< 1.0	< 3.0	--	--	--	--	--	--
	03/27/07	< 1.0	< 5.0	< 1.0	< 3.0	--	6.84	833	18.4	4.61	177

TABLE 3
DCP MIDSTREAM, LP - HOBBS GAS PLANT
HISTORICAL SUMMARY OF GROUNDWATER
ANALYTICAL RESULTS AND PARAMETER READINGS

Well ID	*Sample Date*	*Benzene 10 (µg/l)*	*Toluene 750 (µg/l)*	*Ethyl-Benzene 750 (µg/l)*	*Total Xylenes 620 (µg/l)*	*LNAPL Thickness (ft)*	*pH (s.u.)*	*Conductivity (µS/cm)*	*Temperature (°C)*	*DO (mg/l)*	*ORP (mV)*
			NMWQCC Cleanup Levels								
MW-F cont.	06/21/07	< 1.0	< 5.0	< 1.0	< 3.0	--	6.85	849	18.6	4.64	84.7
DUP	06/21/07	< 1.0	< 5.0	< 1.0	< 3.0	--	--	--	--	--	--
	09/18/07	< 1.0	< 5.0	< 1.0	< 3.0	--	6.63	734	19.0	3.61	207.9
	12/13/07	< 1.0	< 5.0	< 1.0	< 3.0	--	6.71	1062	17.9	9.52	-5.7
	03/05/08	1.90	< 5.0	< 1.0	3.80	--	6.76	657	17.0	9.71	3.6
	06/02/08	<0.46	<0.48	<0.45	<1.4	--	6.76	879	19.0	3.08	21.4
	09/15/08	<0.46	<0.48	<0.45	<1.4	--	6.43	876	19.2	2.52	234.3
	12/03/08	<0.46	<0.48	<0.45	<1.4	--	6.76	917	17.8	3.79	188.4
	02/27/09	<0.46	<0.48	<0.45	<1.4	--	6.77	857	18.6	3.85	93.4
	06/25/09	<2.0	<2.0	<2.0	<6.0	--	6.20	100	19.8	5.56	221.0
	09/01/09	<2.0	<2.0	<2.0	<6.0	--	6.51	110	19.3	5.27	108.0
	11/17/09	<2.0	<2.0	<2.0	<6.0	--	6.93	1030	18.7	--	--
	03/25/10	<2.0	<2.0	<2.0	<6.0	--	6.94	1053	19.0	--	--
	06/08/10	<2.0	<2.0	<2.0	<6.0	--	7.03	900	22.1	--	--
	09/21/10	<0.50	<0.43	<0.55	<1.7	--	6.67	1003	19.1	--	--
	12/16/10	<0.50	<0.43	<0.55	<1.7	--	6.90	1058	17.6	--	--
	03/11/11	<2.0	<2.0	<2.0	<6.0	--	6.84	1017	19.0	--	--
	06/14/11	<1.0	<1.0	<1.0	<3.0	--	6.53	1053	20.1	--	--
	09/27/11	<1.0	<1.0	<1.0	<3.0	--	7.05	890	20.4	--	--
	12/13/11	<1.0	<1.0	<1.0	<3.0	--	7.12	922	16.7	--	--
	03/27/12	<1.0	<1.0	<1.0	<3.0	--	7.20	755	20.6	--	--
	06/19/12	<1.0	<1.0	<1.0	<3.0	--	7.23	776	19.7	--	--
	09/24/12	<0.34	<0.33	<0.32	<0.87	--	7.64	770	21.6	--	--
	12/10/12	<1.0	<1.0	<1.0	<3.0	--	6.97	754	15.8	--	--
	03/11/13	<1.0	<1.0	<1.0	<3.0	--	7.96	830	18.4	--	--
	06/11/13	<1.0	<1.0	<1.0	<3.0	--	7.04	740	20.2	--	--
	09/17/13	<1.0	<1.0	<1.0	<3.0	--	7.39	781	19.1	--	--
DUP	09/17/13	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	12/03/13	<1.0	<1.0	<1.0	<3.0	--	8.94	801	18.1	--	--
DUP	12/03/13	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	03/11/14	<1.0	<1.0	<1.0	<3.0	--	8.19	769	18.6	--	--
DUP	03/11/14	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	06/03/14	<1.0	<1.0	<1.0	<3.0	--	7.62	847	18.8	--	--
	09/26/14	<1.0	<1.0	<1.0	<3.0	--	7.58	715	18.7	--	--

TABLE 3
DCP MIDSTREAM, LP - HOBBS GAS PLANT
HISTORICAL SUMMARY OF GROUNDWATER
ANALYTICAL RESULTS AND PARAMETER READINGS

Well ID	*Sample Date*	*Benzene 10 (µg/l)*	*Toluene 750 (µg/l)*	*Ethyl-Benzene 750 (µg/l)*	*Total Xylenes 620 (µg/l)*	*LNAPL Thickness (ft)*	*pH (s.u.)*	*Conductivity (µS/cm)*	*Temperature (°C)*	*DO (mg/l)*	*ORP (mV)*
				NMWQCC Cleanup Levels							
MW-G	09/17/13	**113**	449	77.3	**720**	--	Well not purged due to damage				
	12/03/13	--	--	--	--	--	Well not purged due to damage				
	12/18/13	**160**	413	82.7	**751**	--	Well not purged due to damage				
	03/11/14	**109**	183	44.7	333	--	7.85	670	20.3	--	--
	06/03/14	**103**	54.0	20.8	105	--	7.51	702	29.5	--	--
	09/26/14	**--**	--	--	--	--	Well not gauged, purged and sampled due to damage				
Water Supply Well	08/14/06	<0.5	<5.0	<0.5	<1.5		7.47	473	20.9	4.61	31.7

Notes and Abbreviations:
ID = Identification
TOC = Top of casing
DTW = Depth to water
LNAPL = Light non-aqueous phase liquids
GWE = Groundwater elevation
* = Groundwater elevation corrected using a LNAPL specific gravity of 0.81
DO = Dissolved oxygen
ORP = Oxidation reduction potential
BTEX = Benzene, toluene, ethylbenzene, and total xylenes by SW-846 8021 or 8260B
ft msl = Feet above mean sea level
ft bgs = Feet below ground surface
s.u. = Standard unit
µS/cm = Microsiemens per centimeter
ºC = Degrees Celcius
mg/l = Milligrams per liter
mV = Millivolts
µg/l = Micrograms per liter
NMWQCC = New Mexico Water Quality Control Commission
<x = Not detected above x µg/l
BOLD = Indicates concentration above the NMWQCC Cleanup Levels
-- = Not measured/not analyzed

Appendices

Appendix A

Groundwater Monitoring Field Sheets

Appendix A

Groundwater Monitoring Field Sheets

Location Hobbs Gas Plant Date 9-26-16

Project / Client 059097 / DCP

Joe Mireles, Nate Knowles, Truck 266

0655 Start HACH MP-6 multimeter - calibration

Conductivity 1.413 Aqua Solutions
Lot # 3091305 Exp 9-30-16
read: 1414 actual: 1413

PH 7 Aqua solutions
Lot # 30307103 Exp 3/30/15
read: ~~1414~~ 7.01 actual: ~~1413~~ 7.0

0727 loaded and checked truck 140971 road ready

0942 arrive site 141083

0946 sign in

64

Location Hobbs Gas Plant Date 9-26-14

Project / Client 059097 / DCP

Joe Mireles, Nate Knowles, Truck 762, G.W.

PG 6 continued

T&SM

Partly cloudy, 59 to 75°F

winds 5 to 6 mph

I.P. ~~055~~ Geotech 200ft 07086

H_2S Toxipro 06590

H_2S Toxirae 07026

HACH multimeter MP6 065-A

reference g.w. sheets and

D+M sheets

ID	DTP	DTW	TD	Date	Time
MWA	-	62.50	69.27	9-26	1103
MWC	62.64	63.94	NA	—	—
MWB	62.77	65.15	NA	—	—
MWD	—	62.55	69.64	9-26	1116
MWE	—	62.22	71.14	9-26	1140
MWF	—	63.74	73.55	9-26	952
MWG	unable to gauge and sample				

65

Location Hobbs Gas Plant Date 9-26-14

Project / Client 059097 / DCP

and D+M PG 6 4 continued

	Temp	cond.	Ph.	Bailed
MW A	19.1	606.2	7.32	0.15
	19.0	570.3	7.36	0.37
	19.0	568.2	7.43	0.33
MW C	0.2 gal NAPL			
	4.8' water			
MW B	0.75 gal NAPL			
	4.75 water			
MW D	~~19.6~~	656.4	7.31	~~0.33~~
	19.3	650.9	7.25	0.33
	19.2	665.4	7.32	0.33
	= D+M			
MW E	19.5	649.3	7.16	0.33
	19.2	649.9	7.24	0.33
	19.2	637.9	7.28	0.33

Location Hobbs Gasplant Date 9-26-14

Project / Client 059097 / DCP

Pg 65 continued

	Temp	Cond	Rh	Bailed	Time
MW F	19.8	707.8	7.69	0.33	
	19.0	723.1	7.60	0.33	
	18.7	715.3	7.58	0.33	

MW G NO sample, lost water in well, water and silt popped it off tubing

1225 finished sampling and Oxm, signed out head Midland

1505 arrive office 14196

1614 Filled COC's and repacked samples,

1627 ship Gasplant and APEX samples, Fedex Sat. delivery

1639 Back at office

5 drums ≈ 4.33 full

Common Field Data Error Codes

Error Codes Are Used to Explain Common Mistakes and Are Written Above or Close to the Mistake

Commonly Used Error Codes Include:

- RE Recording Error
- CE Calculation Error
- TE Transcription Error
- SE Spelling Error
- CL Changed for Clarity
- DC Original Sample Description Changed After Further Evalutaion
- WO Write Over
- NI Not Initialled and Dated at Time of Entry
- OB Not Recorded at the Time of Initial Observation

Note: Error Code Should Be Circled, Dated And Initialed When Recorded.

Hazard Classifications

Class 1 Explosives
Class 2 Gas
Class 3 Flammable Liquid
Class 4 Flammable Solids (Potential spontaneous combustion, or emission of flammable gases when in contact with water)
Class 5 Oxidizing Substances and Organic Peroxides
Class 6 Toxic (poisonous) and infectious substances
Class 7 Radioactive material
Class 8 Corrosives
Class 9 Miscellaneous dangerous goods

Container type abbreviations (for sampling guidelines):

BR - Boston Round
ABR - Amber Boston Round
AJ - Amber Jug
CWM - Clear Wide Mouth
AWM - Amber Wide Mouth
Poly - Polyethylene Bottles
BOD Bottle

Appendix B

Standard Operating Procedures for Groundwater Monitoring and Sampling

CONESTOGA-ROVERS & ASSOCIATES

STANDARD FIELD PROCEDURES FOR GROUNDWATER MONITORING AND SAMPLING

This document presents standard field methods for groundwater monitoring, purging and sampling, and well development. These procedures are designed to comply with Federal, State and local regulatory guidelines. Conestoga-Rovers & Associates' specific field procedures are summarized below.

Groundwater Monitoring

Prior to performing monitoring activities, the historical monitoring and analytical data of each monitoring well shall be reviewed to determine if any of the wells are likely to contain separate phase hydrocarbons (SPH) and to determine the order in which the wells will be monitored (i.e. cleanest to dirtiest). Groundwater monitoring should not be performed when the potential exists for surface water to enter the well (i.e. flooding during a rainstorm).

Prior to monitoring, each well shall be opened and the well cap removed to allow water levels to stabilize and equilibrate. The condition of the well box and well cap shall be observed and recommended repairs noted. Any surface water that may have entered and flooded the well box should be evacuated prior to removing the well cap. In wells with no history of SPH, the static water level and total well depth shall be measured to the nearest 0.01 foot with an electronic water level meter. Wells with the highest contaminant concentrations shall be monitored last. In wells with a history of SPH, the SPH level/thickness and static water level shall be measured to the nearest 0.01 foot using an electronic interface probe. The water level meter and/or interface probe shall be thoroughly cleaned and decontaminated at the beginning of the monitoring event and between each well. Monitoring equipment shall be washed using soapy water consisting of Liqui-nox™ or Alconox™ followed by one rinse of clean tap water and then two rinses of distilled water.

Groundwater Purging and Sampling

Prior to groundwater purging and sampling, the historical analytical data of each monitoring well shall be reviewed to determine the order in which the wells should be purged and sampled (i.e. cleanest to dirtiest). No purging or groundwater sampling shall be performed on wells with a measurable thickness of SPH or floating SPH globules. If a sheen is observed, the well should be purged and a groundwater sample collected only if no SPH is present. Wells shall be purged either by hand using a disposal or PVC bailer or by using an aboveground pump (e.g. peristaltic or Wattera™) or down-hole pump (e.g. Grundfos™ or DC Purger pump).

Groundwater wells shall be purged approximately three to ten well-casing volumes (depending on the regulatory agency requirements) or until groundwater parameters of temperature, pH, and conductivity have stabilized to within 10% for three consecutive readings. Temperature, pH, and conductivity shall be measured and recorded at the start of purging, once per well casing volume removed, and at the completion of purging. The total volume of groundwater removed shall be recorded along with any other notable physical characteristic such as color and odor. If required, field parameters such as turbidity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) shall be measured prior to collection of each groundwater sample.

Groundwater samples shall be collected after the well has been purged and allowed to recharge to 80% of the pre-purging static water level, or if the well is slow to recharge, after waiting a minimum of 2 hours. Groundwater samples shall be collected using clean disposable bailers or

pumps (if an operating remediation system exists on site and the project manager approves of its use for sampling) and shall be decanted into clean containers supplied by the analytical laboratory. New latex gloves and disposable tubing or bailers shall be used for sampling each well. If a PVC bailer or down-hole pump is used for groundwater purging, it shall be decontaminated before purging each well by using soapy water consisting of Liqui-nox™ or Alconox™ followed by one rinse of clean tap water and then two rinses of distilled water. If a submersible pump with non-dedicated discharge tubing is used for groundwater purging, both the inside and outside of pump and discharge tubing shall be decontaminated as described above.

Sample Handling

Except for samples that will be tested in the field, or that require special handling or preservation, samples shall be stored in coolers chilled to 4° C for shipment to the analytical laboratory. Samples shall be labeled, placed in protective foam sleeves or bubble wrap as needed, stored on crushed ice at or below 4° C, and submitted under chain-of-custody (COC) to the laboratory. The laboratory shall be notified of the sample shipment schedule and arrival time. Samples shall be shipped to the laboratory within a time frame to allow for extraction and analysis to be performed within the standard sample holding times.

Sample labels shall be filled out using indelible ink and must contain the site name; field identification number; the date, time, and location of sample collection; notation of the type of sample; identification of preservatives used; remarks; and the signature of the sampler. Field identification must be sufficient to allow easy cross-reference with the field datasheet.

All samples submitted to the laboratory shall be accompanied by a COC record to ensure adequate documentation. One copy of the COC shall be kept in the QA/QC file and another copy shall be retained in the project file. Information on the COC shall consist of the project name and number; project location; sample numbers; sampler/recorder's signature; date and time of collection of each sample; sample type; analyses requested; name of person receiving the sample; and date of receipt of sample.

Laboratory-supplied trip blanks shall accompany the samples and be analyzed to check for cross-contamination, if requested by the project manager.

Well Development

Wells shall be developed using a combination of groundwater surging and extraction. A surge block shall be used to swab the well and agitate the groundwater in order to dislodge any fine sediment from the sand pack. After approximately ten minutes of swabbing the well, groundwater shall be extracted from the well using a bailer, pump and/or reverse air-lifting through a pipe to remove the sediments from the well. Alternating surging and extraction shall continue until the sediment volume in the groundwater (i.e. turbidity) is negligible, which typically requires extraction of approximately ten well-casing volumes of groundwater. Preliminary well development usually is performed during well installation prior to placing the sanitary surface seal to ensure sand pack stabilization. Well development that is performed after surface seal installation, should occur 72 hours after seal installation to ensure that the cement has had adequate time to set.

CONESTOGA-ROVERS & ASSOCIATES

Waste Handling and Disposal

Groundwater extracted during development and sampling shall be stored onsite in sealed U.S. DOT H17 55-gallon drums. Each drum shall be labeled with the contents, date of generation, generator identification and consultant contact. If hydrocarbon concentrations in the purged groundwater are below ADEC cleanup levels or the site is in a remote area (pending ADEC approval) groundwater will be discharged to the ground surface, at least 100 feet from the nearest surface water body.

Appendix C

Laboratory Analytical Reports

Gulf Coast ACCUTEST LABORATORIES

10/06/14

Technical Report for

DCP Midstream, LLC

CRA:Hobbs Gas Plant / 059097-2014-02 / Lea County, New Mexico

Accutest Job Number: TC55593

Sampling Date: 09/26/14

Report to:

DCP Midstream, L.P.
370 17th Street Suite 2500
Denver, CO 80202
SWWeathers@dcpmidstream.com; cknight@craworld.com;
jfergerson@craworld.com
ATTN: Mr. Steve Weathers

Total number of pages in report: **19**

NELAP ACCREDITED TNI LABORATORY

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Richard Rodriguez
Laboratory Director

Client Service contact: Sylvia Garza 713-271-4700

Certifications: TX (T104704220-14-17, 1M104704220-14-1) AR (14-016-0) AZ (AZ0769) FL (E87628) KS (E-10366) LA (85695/04004) NJ (TX010) OK (2014-139) VA (2085)

Sections: 1 2 3 4 5

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Sample Summary

DCP Midstream, LLC

Job No: TC55593

CRA:Hobbs Gas Plant / 059097-2014-02 / Lea County, New Mexico

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
TC55593-1	09/26/14	11:03		09/27/14	AQ	Ground Water	MW-A-092614
TC55593-2	09/26/14	11:16		09/27/14	AQ	Ground Water	MW-D-092614
TC55593-3	09/26/14	11:40		09/27/14	AQ	Ground Water	MW-E-092614
TC55593-4	09/26/14	09:52		09/27/14	AQ	Ground Water	MW-F-092614
TC55593-5	09/26/14	00:00		09/27/14	AQ	Ground Water	DUP-092614
TC55593-6	09/26/14	00:00		09/27/14	AQ	Trip Blank Water	TRIP

Summary of Hits

Job Number: TC55593
Account: DCP Midstream, LLC
Project: CRA:Hobbs Gas Plant / 059097-2014-02 / Lea County, New Mexico
Collected: 09/26/14

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	MQL	SDL	Units	Method

TC55593-1 **MW-A-092614**

No hits reported in this sample.

TC55593-2 **MW-D-092614**

No hits reported in this sample.

TC55593-3 **MW-E-092614**

No hits reported in this sample.

TC55593-4 **MW-F-092614**

No hits reported in this sample.

TC55593-5 **DUP-092614**

No hits reported in this sample.

TC55593-6 **TRIP**

No hits reported in this sample.

Gulf Coast ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-A-092614		
Lab Sample ID:	TC55593-1	**Date Sampled:**	09/26/14
Matrix:	AQ - Ground Water	**Date Received:**	09/27/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	CRA:Hobbs Gas Plant / 059097-2014-02 / Lea County, New Mexico		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0253157.D	1	09/30/14	CF	n/a	n/a	VG1448
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	MQL	SDL	Units	Q
71-43-2	Benzene	0.00034 U	0.0010	0.00034	mg/l	
108-88-3	Toluene	0.00033 U	0.0010	0.00033	mg/l	
100-41-4	Ethylbenzene	0.00032 U	0.0010	0.00032	mg/l	
1330-20-7	Xylene (total)	0.00087 U	0.0030	0.00087	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		72-122%
17060-07-0	1,2-Dichloroethane-D4	91%		68-124%
2037-26-5	Toluene-D8	93%		80-119%
460-00-4	4-Bromofluorobenzene	94%		72-126%

U = Not detected SDL = Sample Detection Limit
MQL = Method Quantitation Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-D-092614		
Lab Sample ID:	TC55593-2	**Date Sampled:**	09/26/14
Matrix:	AQ - Ground Water	**Date Received:**	09/27/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	CRA:Hobbs Gas Plant / 059097-2014-02 / Lea County, New Mexico		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0253158.D	1	09/30/14	CF	n/a	n/a	VG1448
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	MQL	SDL	Units	Q
71-43-2	Benzene	0.00034 U	0.0010	0.00034	mg/l	
108-88-3	Toluene	0.00033 U	0.0010	0.00033	mg/l	
100-41-4	Ethylbenzene	0.00032 U	0.0010	0.00032	mg/l	
1330-20-7	Xylene (total)	0.00087 U	0.0030	0.00087	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		72-122%
17060-07-0	1,2-Dichloroethane-D4	90%		68-124%
2037-26-5	Toluene-D8	94%		80-119%
460-00-4	4-Bromofluorobenzene	94%		72-126%

U = Not detected SDL = Sample Detection Limit
MQL = Method Quantitation Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-E-092614		
Lab Sample ID:	TC55593-3	**Date Sampled:**	09/26/14
Matrix:	AQ - Ground Water	**Date Received:**	09/27/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	CRA:Hobbs Gas Plant / 059097-2014-02 / Lea County, New Mexico		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0253159.D	1	09/30/14	CF	n/a	n/a	VG1448
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	MQL	SDL	Units	Q
71-43-2	Benzene	0.00034 U	0.0010	0.00034	mg/l	
108-88-3	Toluene	0.00033 U	0.0010	0.00033	mg/l	
100-41-4	Ethylbenzene	0.00032 U	0.0010	0.00032	mg/l	
1330-20-7	Xylene (total)	0.00087 U	0.0030	0.00087	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		72-122%
17060-07-0	1,2-Dichloroethane-D4	93%		68-124%
2037-26-5	Toluene-D8	95%		80-119%
460-00-4	4-Bromofluorobenzene	96%		72-126%

U = Not detected SDL = Sample Detection Limit
MQL = Method Quantitation Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-F-092614		
Lab Sample ID:	TC55593-4	**Date Sampled:**	09/26/14
Matrix:	AQ - Ground Water	**Date Received:**	09/27/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	CRA:Hobbs Gas Plant / 059097-2014-02 / Lea County, New Mexico		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0253160.D	1	09/30/14	CF	n/a	n/a	VG1448
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	MQL	SDL	Units	Q
71-43-2	Benzene	0.00034 U	0.0010	0.00034	mg/l	
108-88-3	Toluene	0.00033 U	0.0010	0.00033	mg/l	
100-41-4	Ethylbenzene	0.00032 U	0.0010	0.00032	mg/l	
1330-20-7	Xylene (total)	0.00087 U	0.0030	0.00087	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		72-122%
17060-07-0	1,2-Dichloroethane-D4	91%		68-124%
2037-26-5	Toluene-D8	94%		80-119%
460-00-4	4-Bromofluorobenzene	94%		72-126%

U = Not detected SDL = Sample Detection Limit
MQL = Method Quantitation Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-092614		
Lab Sample ID:	TC55593-5	**Date Sampled:**	09/26/14
Matrix:	AQ - Ground Water	**Date Received:**	09/27/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	CRA:Hobbs Gas Plant / 059097-2014-02 / Lea County, New Mexico		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0253161.D	1	09/30/14	CF	n/a	n/a	VG1448
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	MQL	SDL	Units	Q
71-43-2	Benzene	0.00034 U	0.0010	0.00034	mg/l	
108-88-3	Toluene	0.00033 U	0.0010	0.00033	mg/l	
100-41-4	Ethylbenzene	0.00032 U	0.0010	0.00032	mg/l	
1330-20-7	Xylene (total)	0.00087 U	0.0030	0.00087	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		72-122%
17060-07-0	1,2-Dichloroethane-D4	91%		68-124%
2037-26-5	Toluene-D8	92%		80-119%
460-00-4	4-Bromofluorobenzene	94%		72-126%

U = Not detected SDL = Sample Detection Limit
MQL = Method Quantitation Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP		
Lab Sample ID:	TC55593-6	**Date Sampled:**	09/26/14
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/27/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	CRA:Hobbs Gas Plant / 059097-2014-02 / Lea County, New Mexico		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0253156.D	1	09/30/14	CF	n/a	n/a	VG1448
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	MQL	SDL	Units	Q
71-43-2	Benzene	0.00034 U	0.0010	0.00034	mg/l	
108-88-3	Toluene	0.00033 U	0.0010	0.00033	mg/l	
100-41-4	Ethylbenzene	0.00032 U	0.0010	0.00032	mg/l	
1330-20-7	Xylene (total)	0.00087 U	0.0030	0.00087	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		72-122%
17060-07-0	1,2-Dichloroethane-D4	90%		68-124%
2037-26-5	Toluene-D8	94%		80-119%
460-00-4	4-Bromofluorobenzene	94%		72-126%

U = Not detected SDL = Sample Detection Limit
MQL = Method Quantitation Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Gulf Coast ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

PAGE 1 OF 1

ACCUTEST Laboratories

10165 Harwin Dr, Ste 150 Houston, TX 77036
TEL. 713-271-4700 FAX: 713-271-4770
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: TC55593

Client / Reporting Information

Company Name: CRA
Street Address: 13091 Pond Springs Rd, Suite A100
City: Austin State: TX Zip: 78729
Project Co:
E-mail: cknight@craworld.com
Project Contact: Chris G. Knight/John Fergerson
Phone #: 512-506-8803
Fax #:
Sampler(s) Name(s): Kyle Knowles, Joe Miales
Phone #: 432 556 6096

Project Information

Project Name: DCP Hobbs Gas Plant
Street:
City: Lea County State: NM
Project #: 059097-2014-02
Client Purchase Order #:
Project Manager: John Fergerson

Billing Information (if different from Report to)

Company Name: DCP Midstream
Street Address:
City: State: Zip:
Attention:

Requested Analyses

BTEX (8260) — TO-14 plus TPH

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank

Accutest Sample #	Field ID / Point of Collection	Collection: Date	Time	Sampled By	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	ZnAc/NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	TSP	NaHSO4	ENCORE	OTHER	BTEX (8260)	TO-14 plus TPH	LAB USE ONLY
1	MW-A-092614	9-26-14	1103	JM/NK	GW	3	X											X	3		
2	MW-D-092614	9-26-14	1116	JM/NK	GW	3	X											X	3		
3	MW-E-092614	9-26-14	1140	JM/NK	GW	3	X											X	3		
4	MW-F-092614	9-26-14	0952	JM/NK	GW	3	X											X	3		
5	DUP-092614	9-26-14	—	JM/NK	GW	3	X											X	3		
6	TRIP	—	—	—	—	2	X											X	2		
	TRIP	—	—	—	—	1												X	1		

Turnaround Time (Business days)

- [X] Standard
- [ ] 5 Day
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULT1 (Level 3+4)
- [ ] REDT1 (Level 3+4)
- [ ] Commercial "C"
- [ ] TRRP
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC & Surrogate Summary

Comments / Special Instructions

jfergerson@craworld.com

Sample Custody must be documented below each time samples change possession, including courier delivery.

10.4°C

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Joe Miales	9-26-14 1600	1 FedEx	2 FedEx	9/27/14	2 Blanco
3			3	4		4
5			5	Custody Seal #	Intact / Not intact	Preserved where applicable	On Ice	Cooler Temp.

TC55593: Chain of Custody
Page 1 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: TC55593 **Client:** CRA **Project:** DCP HOBBS GAS PLANT

Date / Time Received: 9/27/2014 10:45:00 AM **Delivery Method:** **Airbill #'s:** 617012725101

No. Coolers: 1 **Therm ID:** IR6; **Temp Adjustment Factor:** 0;

Cooler Temps (Initial/Adjusted): #1: (2.4/2.4);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:			
3. Cooler media:	Ice (Bag)		

Quality Control Preservation	Y	or	N	N/A	WTB	STB
1. Trip Blank present / cooler:	☑		☐	☐	☑	☐
2. Trip Blank listed on COC:	☑		☐	☐		
3. Samples preserved properly:	☑		☐			
4. VOCs headspace free:	☑		☐	☐		

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

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TC55593: Chain of Custody
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Sample Receipt Log

Job #: TC55593 **Date / Time Received:** 9/27/2014 10:45:00 AM 10:4 **Initials:** bh

Client: CRA

Cooler #	Sample ID:	Vol	Bot #	Location	Pres	pH	Therm ID	Initial Temp	Therm CF	Corrected Temp
1	TC55593-1	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4
1	TC55593-1	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4
1	TC55593-1	40ml	3	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4
1	TC55593-2	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4
1	TC55593-2	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4
1	TC55593-2	40ml	3	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4
1	TC55593-3	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4
1	TC55593-3	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4
1	TC55593-3	40ml	3	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4
1	TC55593-4	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4
1	TC55593-4	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4
1	TC55593-4	40ml	3	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4
1	TC55593-5	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4
1	TC55593-5	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4
1	TC55593-5	40ml	3	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4
1	TC55593-6	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4
1	TC55593-6	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	2.4	0	2.4

TC55593: Chain of Custody
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Gulf Coast ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: TC55593
Account: DUKE DCP Midstream, LLC
Project: CRA:Hobbs Gas Plant / 059097-2014-02 / Lea County, New Mexico

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG1448-MB	G0253141.D	1	09/30/14	CF	n/a	n/a	VG1448

The QC reported here applies to the following samples: **Method:** SW846 8260C

TC55593-1, TC55593-2, TC55593-3, TC55593-4, TC55593-5, TC55593-6

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.34	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.33	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.87	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	94%	72-122%
17060-07-0	1,2-Dichloroethane-D4	90%	68-124%
2037-26-5	Toluene-D8	92%	80-119%
460-00-4	4-Bromofluorobenzene	92%	72-126%

Blank Spike Summary

Job Number: TC55593
Account: DUKE DCP Midstream, LLC
Project: CRA:Hobbs Gas Plant / 059097-2014-02 / Lea County, New Mexico

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG1448-BS	G0253139.D	1	09/30/14	CF	n/a	n/a	VG1448

The QC reported here applies to the following samples: **Method:** SW846 8260C

TC55593-1, TC55593-2, TC55593-3, TC55593-4, TC55593-5, TC55593-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	28.8	115	68-119
100-41-4	Ethylbenzene	25	28.9	116	71-117
108-88-3	Toluene	25	28.9	116	73-119
1330-20-7	Xylene (total)	75	84.7	113	74-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	91%	72-122%
17060-07-0	1,2-Dichloroethane-D4	91%	68-124%
2037-26-5	Toluene-D8	95%	80-119%
460-00-4	4-Bromofluorobenzene	96%	72-126%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC55593
Account: DUKE DCP Midstream, LLC
Project: CRA:Hobbs Gas Plant / 059097-2014-02 / Lea County, New Mexico

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
TC55456-1MS	G0253153.D	10	09/30/14	CF	n/a	n/a	VG1448
TC55456-1MSD	G0253154.D	10	09/30/14	CF	n/a	n/a	VG1448
TC55456-1	G0253152.D	10	09/30/14	CF	n/a	n/a	VG1448

The QC reported here applies to the following samples: **Method:** SW846 8260C

TC55593-1, TC55593-2, TC55593-3, TC55593-4, TC55593-5, TC55593-6

CAS No.	Compound	TC55456-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	971		250	1310	136* [a]	250	1380	164* [a]	5	68-119/12
100-41-4	Ethylbenzene	129		250	388	104	250	424	118*	9	71-117/12
108-88-3	Toluene	6.3	J	250	248	97	250	283	111	13	73-119/13
1330-20-7	Xylene (total)	842		750	1630	105	750	1750	121*	7	74-119/13

CAS No.	Surrogate Recoveries	MS	MSD	TC55456-1	Limits
1868-53-7	Dibromofluoromethane	90%	94%	96%	72-122%
17060-07-0	1,2-Dichloroethane-D4	89%	91%	90%	68-124%
2037-26-5	Toluene-D8	94%	94%	95%	80-119%
460-00-4	4-Bromofluorobenzene	96%	95%	95%	72-126%

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.