AP-122

1st Quarter DCP Hobbs Gas Plant Monitoring Results

DATE
July 15, 2014

From:	Weathers, Stephen W
To:	Lowe, Leonard, EMNRD
Cc:	Leking, Geoffrey R, EMNRD
Subject:	DCP Hobbs Gas Plant (AP-122) 1st Q 2014 Groundwater Monitoring Report
Date:	Tuesday, July 15, 2014 6:06:43 AM
Attachments:	OCD1Q2014HobbsGPGWLtr7-15-14.doc DCP Hobbs GP 1Q 2014 GW RPT.pdf

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Mr. Lowe

Attached you will find the 1st 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*

July 15, 2014

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

RE: 1st 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 1st 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: Geoffrey Leking, OCD Hobbs District Office
Environmental Files

Original

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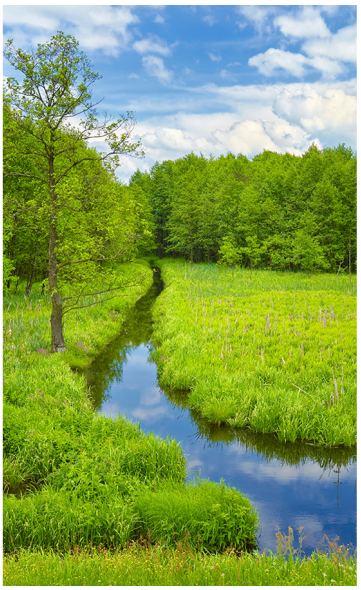

Final Report

First Quarter 2014 Groundwater Monitoring Report

DCP Hobbs Gas Plant
AP-122
Lea County, New Mexico

Prepared for: Mr. Steve Weathers, DCP Midstream, LP

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

July 2014 • 059097 • Report No. 22

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Section 1.0 Introduction

Conestoga-Rovers & Associates (CRA) is submitting this First Quarter 2014 Groundwater Monitoring Report to DCP Midstream, LP (DCP) for the Hobbs Gas Plant in Lea County, New Mexico. This report summarizes the March 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 (ft) to the north. There are seven onsite groundwater monitoring wells.

Section 2.0 Regulatory Framework

The Site has been assigned 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 first quarter monitoring well gauging and groundwater sampling event was conducted on March 11, 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, MW-F and MW-G and then purged and collected groundwater samples from MW-AR, MW-D, MW-E and MW-F using a disposable polyurethane bailer. A casing deformity is present in MW-G. Due to the deformity a routinely used disposable polyurethane bailer or submersible pump could not be lowered into the well and subsequently used to purge a minimum of three well casing volumes. Three well casing volumes of groundwater was manually purged from MW-G using a Waterra Foot Valve attached to LDPE 3/8 inch tubing and a sample was collected using a smaller sized (length and diameter) polyurethane bailer that could bypass the deformity. Light non-aqueous phase liquids (LNAPL) were measured at thicknesses of 2.40 ft in MW-B and 0.57 ft in MW-C and were not sampled. The LNAPL thickness in MW-B remained the same as the thickness gauged in December 2013. The LNAPL thickness in MW-C increased by 0.20 ft from the thickness gauged in December 2013.

All sampled 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. Groundwater samples were submitted under chain-of-custody to Accutest Laboratories of Texas. Groundwater monitoring field sheets documenting groundwater gauging, purging and sampling data for the 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 elevations have ranged between 3,691.46 (MW-E) and 3,695.74 (MW-A) feet above mean seal level (famsl). Static groundwater elevations ranged from 3,691.94 (MW-G) to 3,693.52 (MW-AR) famsl on March 11, 2014. Groundwater flowed to the southeast with a gradient of 0.004 ft/ft (Figure 2). All wells on the site that were gauged through March 11, 2014 indicated a decline in the elevation of the potentiometric surface. The average decline from December 3, 2013 thru March 11, 2014 was 0.09 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. Groundwater from MW-G contained a benzene concentration of 109 micrograms per liter (ug/L) which is above the NMWQCC cleanup levels. The total xylene concentration was 333 micrograms per liter (ug/L) for March 2014 which was lower from the December 2013 concentration of 751 micrograms per liter (ug/L) and is below the NMWQCC cleanup level for total xylenes. 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. Historical groundwater analytical results and parameter readings are summarized in Table 3. Laboratory analytical reports are presented as Appendix C.

Section 5.0 Conclusions and Recommendations

Groundwater flow direction for the first quarter of 2014 continues to be southeast as it was during previous monitoring events. The elevation of the water table continues to decline. The water table declined 0.09 foot from December 2013 through March 2014. A casing deformity is present in MW-G. Groundwater was manually purged from MW-G using a Waterra Foot Valve attached to LDPE 3/8 inch tubing and a sample was collected using a smaller sized (length and diameter) polyurethane bailer that was able to bypass the deformity. MW-G contained concentrations above the NMWQCC cleanup levels for benzene. Total xylene concentrations in MW-G dropped below the NMWQCC cleanup level. MW-G is located down gradient from monitoring wells containing LNAPL. 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 in MW-B remained at 2.40 ft and increased to 0.57 ft in MW-C when compared to December 2013 gauging data.

For the Second 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;
- Continue monitoring of LNAPL accumulation in MW-B and MW-C and initiate passive abatement by hand bailing LNAPL; and
- Consider conducting Enhanced Fluid Recovery (EFR) or limited Mobile Duel Phase Extraction (MDPE) events on MW-B and MW-C for more aggressive LNAPL abatement.

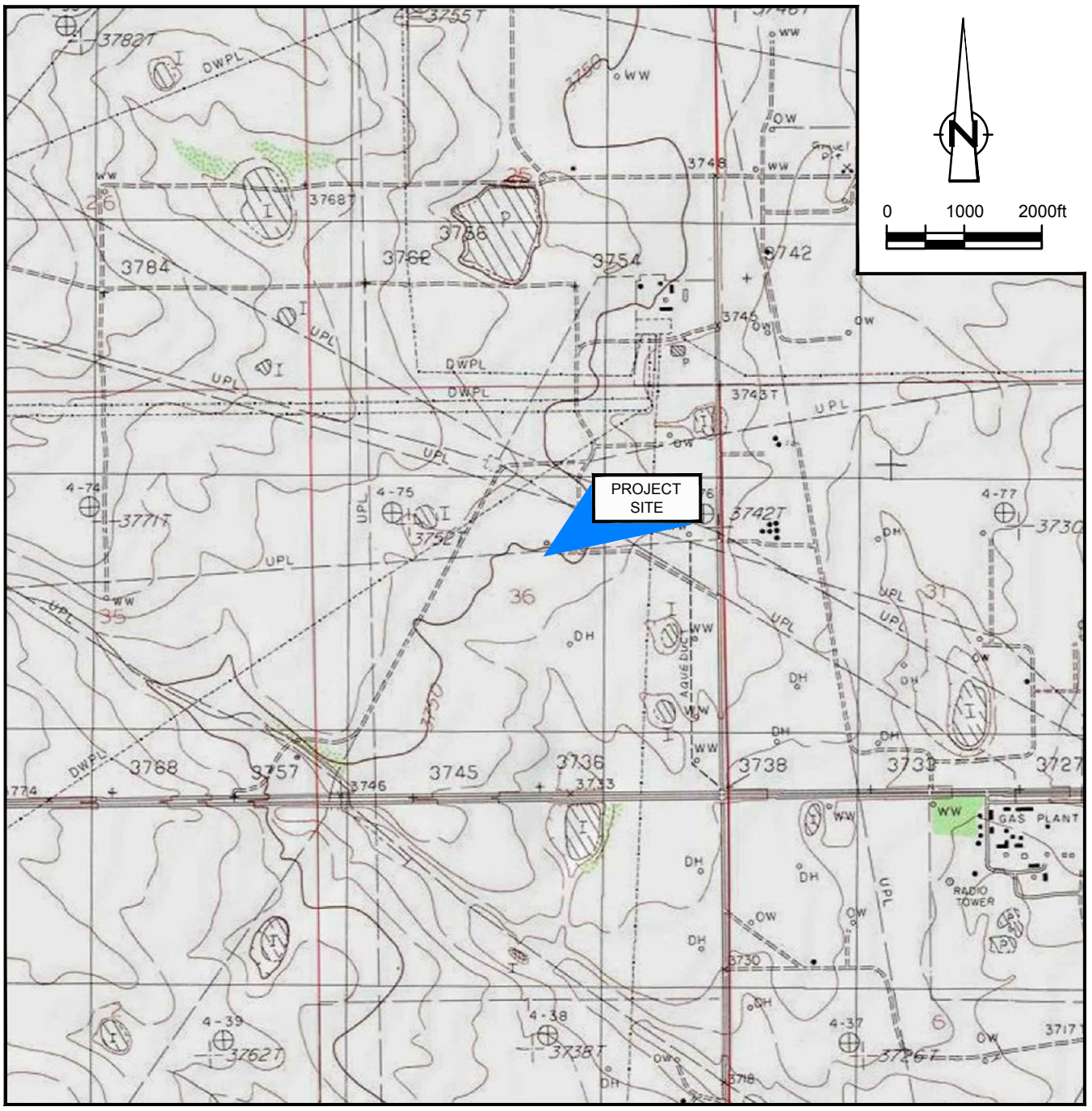
All of which is Respectfully Submitted,

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

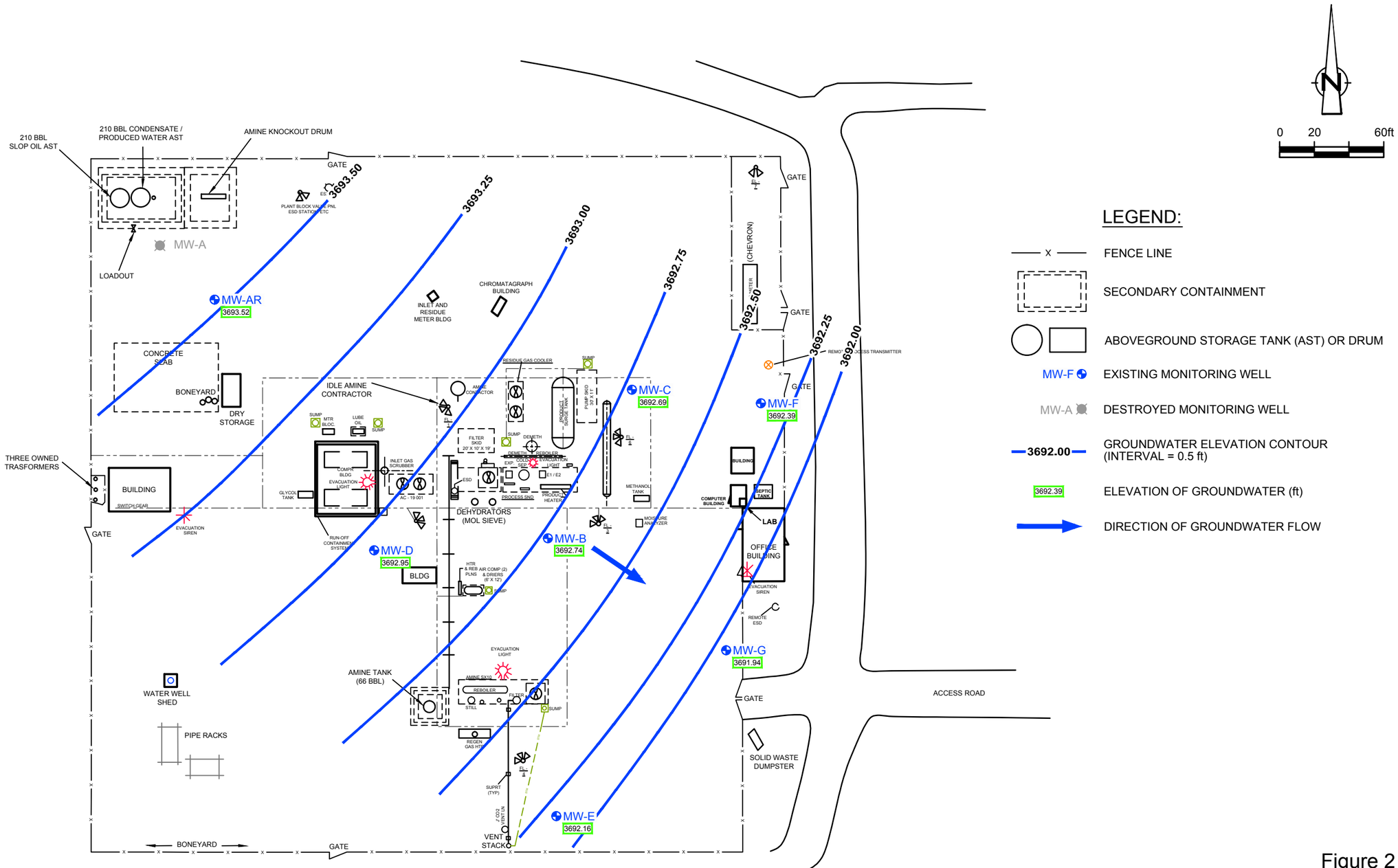
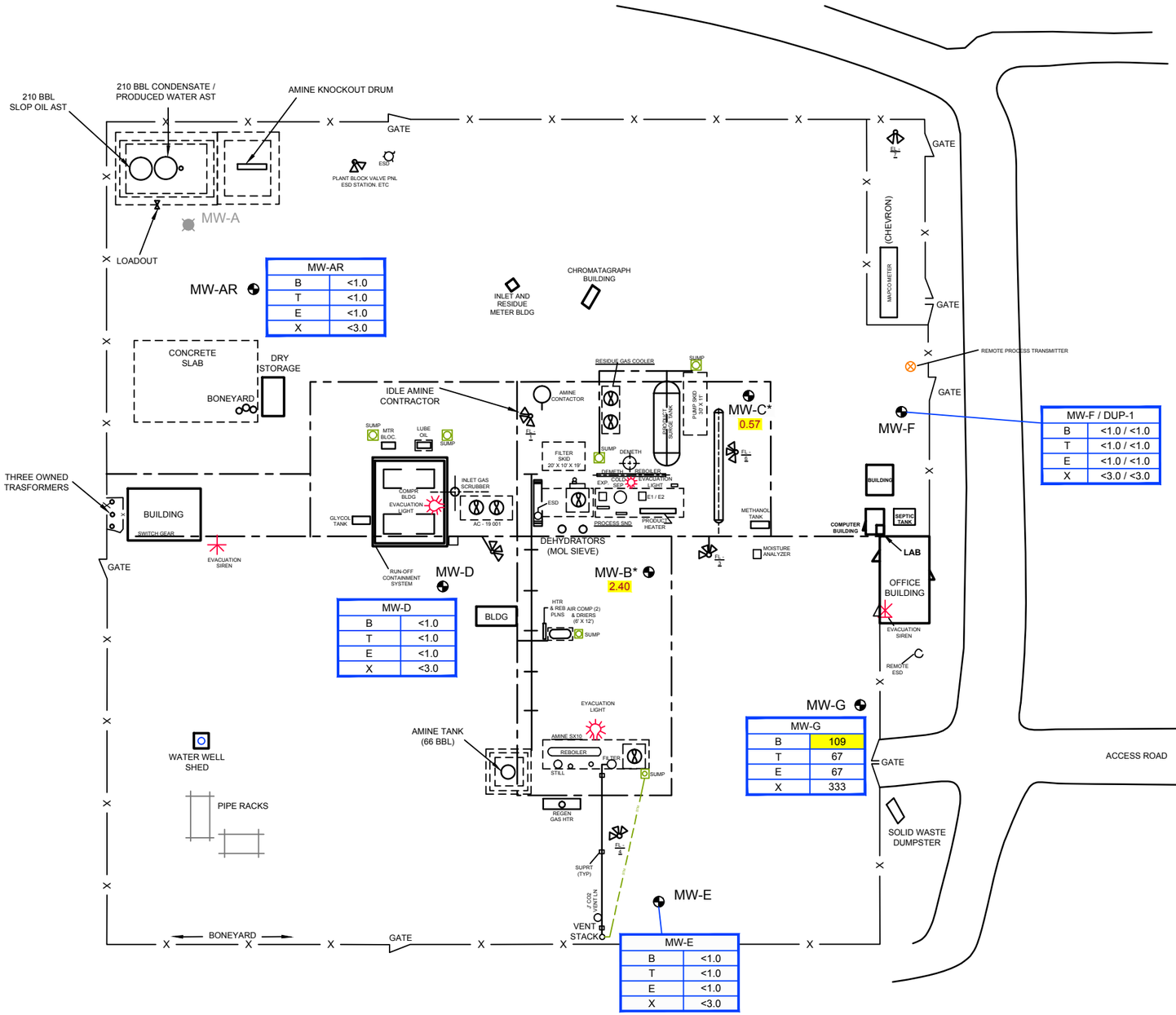


Figure 2

GROUNDWATER ELEVATION CONTOUR MAP - FIRST QUARTER 2014
HOBBS GAS PLANT
LEA COUNTY, NEW MEXICO
DCP Midstream
March 11, 2014



LEGEND:

- FENCE LINE
- SECONDARY CONTAINMENT
- ABOVEGROUND STORAGE TANK (AST) OR DRUM
- MW-B — EXISTING MONITORING WELL
- MW-A — DESTROYED MONITORING WELL
- 2.40 — THICKNESS OF LNAPL (FT.)

	MW-C		
BENZENE	B	<1.0	CONCENTRATION IN µg/L
TOLUENE	T	<1.0	
ETHYLBENZENE	E	<1.0	
XYLENES	X	<3.0	

NOTES:

1. GROUNDWATER SAMPLES WERE COLLECTED ON MARCH 11, 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).

4. YELLOW SHADED CELL INDICATES NMWQCC EXCEEDANCE.

Figure 3

GROUNDWATER BTEX ANALYTICAL RESULTS AND LNAPL THICKNESS - FIRST QUARTER 2014
HOBBS GAS PLANT
LEA COUNTY, NEW MEXICO
DCP Midstream
March 11, 2014

059097-00(022)GN-DL003 JUN 25/2014

Tables

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

Well ID	*Date*	*TOC*	*DTW*	*DTP*	*LNAPL Thickness*	*GWE**	*Recovered Product*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*
		(ft msl)	*(ft bgs)*	*(ft bgs)*	*(ft)*	*(ft msl)*	*(gals)*	*Concentrations in µg/l*			
NMWQCC Cleanup Levels								***10***	***750***	***750***	***620***
MW-AR	3/11/2014	3755.7	62.21	--	--	3693.52	--	<1.0	<1.0	<1.0	<3.0
MW-B	3/11/2014	3755.70	64.90	62.50	2.40	3692.74	--		LNAPL present		
MW-C	3/11/2014	3755.4	63.12	62.55	0.57	3692.69	--		LNAPL present		
MW-D	3/11/2014	3755.2	62.24	--	--	3692.95	--	<1.0	<1.0	<1.0	<3.0
MW-E	3/11/2014	3754.1	61.95	--	--	3692.16	--	<1.0	<1.0	<1.0	<3.0
MW-F	3/11/2014	3755.9	63.49	--	--	3692.39	--	<1.0	<1.0	<1.0	<3.0
DUP	3/11/2014	--	--	--	--	--		<1.0	<1.0	<1.0	<3.0
MW-G	3/11/2014	3754.7	62.73	--	--	3691.94	--	**109**	449	77.3	333

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
x/y = Sample results/blind duplicate results
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	3/23/2006	3755.87	60.54	--	--	3695.33	--
	6/14/2006		60.71	--	--	3695.16	--
	8/14/2006		60.71	--	--	3695.16	--
	11/14/2006		60.81	--	--	3695.06	--
	3/27/2007		60.28	--	--	3695.59	--
	6/21/2007		60.28	--	--	3695.59	--
	9/18/2007		60.44	--	--	3695.43	--
	12/13/2007		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	
MW-B	3/23/2006	3755.94	62.08	--	--	3693.86	--
	6/15/2006		61.58	--	--	3694.36	--
	8/14/2006		62.34	--	--	3693.60	--
	11/14/2006		62.16	--	--	3693.78	--
	3/27/2007		61.77	--	--	3694.17	--

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.	6/21/2007		61.84	--	--	3694.10	--
	9/18/2007		61.93	--	--	3694.01	--
	12/13/2007		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	--
MW-C	3/23/2006	3755.59	61.69	--	--	3693.90	--
	6/14/2006		61.86	--	--	3693.73	--
	8/14/2006		61.88	--	--	3693.71	--
	11/14/2006		61.70	--	--	3693.89	--
	3/27/2007		61.28		--	3694.31	--
	6/21/2007		61.57	--	--	3694.02	--
	9/18/2007		61.48	--	--	3694.11	--
	12/13/2007		61.34	--	--	3694.25	--
	03/05/08		61.18	--	--	3694.41	--

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.	06/02/08		61.22	--	--	3694.37	--
	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	--
MW-D	3/23/2006	3755.43	61.09	--	--	3694.34	--
	6/14/2006		61.32	--	--	3694.11	--
	8/14/2006		61.36	--	--	3694.07	--
	11/14/2006		61.22	--	--	3694.21	--
	3/27/2007		60.85	--	--	3694.58	--
	6/21/2007		60.97	--	--	3694.46	--
	9/18/2007		61.05	--	--	3694.38	--
	12/13/2007		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	--
MW-E	3/23/2006	3754.36	61.09	--	--	3693.27	--
	6/15/2006		61.32	--	--	3693.04	--
	8/14/2006		61.41	--	--	3692.95	--
	11/14/2006		61.27	--	--	3693.09	--
	3/27/2007		60.86	--	--	3693.5	--
	6/21/2007		61.09	--	--	3693.27	--
	9/18/2007		61.09	--	--	3693.27	--
	12/13/2007		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	--

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.	06/08/10		60.83	--	--	3693.53	--
	09/21/10		60.65	--	--	3693.71	--
	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	--
				--			
MW-F	3/23/2006	3756.13	62.53	--	--	3693.60	--
	6/14/2006		62.72	--	--	3693.41	--
	8/14/2006		62.68	--	--	3693.45	--
	11/14/2006		62.46	--	--	3693.67	--
	3/27/2007		67.05	--	--	3689.08	--
	6/21/2007		62.32	--	--	3693.81	--
	9/18/2007		62.31	--	--	3693.82	--
	12/13/2007		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	--

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.	06/14/11		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	--
	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	--
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	--

Notes and Abbreviations:

ID = Identification
TOC = Top of casing
DTW = Depth to water
LNAPL = Light non-aqueous phase liquids
GWE = Groundwater elevation
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 (mg/l) NMWQCC Cleanup Levels	*Date of Sample*	*Benzene (µg/l) 10 (µg/l)*	*Toluene (µg/l) 750 (µg/l)*	*Ethyl-Benzene (µg/l) 750 (µg/l)*	*Total Xylenes (µg/l) 620 (µg/l)*	*LNAPL Thickness (ft)*	*pH (s.u.)*	*Conductivity (µS/cm)*	*Temperature (°C)*	*DO (mg/l)*	*ORP (mV)*
MW-A	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	--	--

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

Well ID (mg/l) NMWQCC Cleanup Levels	*Date of Sample*	*Benzene (µg/l) 10 (µg/l)*	*Toluene (µg/l) 750 (µg/l)*	*Ethyl-Benzene (µg/l) 750 (µg/l)*	*Total Xylenes (µg/l) 620 (µg/l)*	*LNAPL Thickness (ft)*	*pH (s.u.)*	*Conductivity (µS/cm)*	*Temperature (°C)*	*DO (mg/l)*	*ORP (mV)*
MW-AR cont.	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	--	--
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	--	--

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

Well ID (mg/l) *NMWQCC Cleanup Levels*	*Date of Sample*	*Benzene (µg/l)* *10 (µg/l)*	*Toluene (µg/l)* *750 (µg/l)*	*Ethyl-Benzene (µg/l)* *750 (µg/l)*	*Total Xylenes (µg/l)* *620 (µg/l)*	*LNAPL Thickness (ft)*	*pH (s.u.)*	*Conductivity (µS/cm)*	*Temperature (°C)*	*DO (mg/l)*	*ORP (mV)*
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	--	--	--	--	--
	12/03/13	LNAPL present				2.40	--	--	--	--	--
	03/11/14	LNAPL present				2.40	--	--	--	--	--
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

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

Well ID (mg/l) *NMWQCC Cleanup Levels*	*Date of Sample*	*Benzene (µg/l)* *10 (µg/l)*	*Toluene (µg/l)* *750 (µg/l)*	*Ethyl-Benzene (µg/l)* *750 (µg/l)*	*Total Xylenes (µg/l)* *620 (µg/l)*	*LNAPL Thickness (ft)*	*pH (s.u.)*	*Conductivity (µS/cm)*	*Temperature (°C)*	*DO (mg/l)*	*ORP (mV)*
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	--	--	--	--	--	--
	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	--	--	--	--	--

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

Well ID (mg/l) NMWQCC Cleanup Levels	*Date of Sample*	*Benzene (µg/l) 10 (µg/l)*	*Toluene (µg/l) 750 (µg/l)*	*Ethyl-Benzene (µg/l) 750 (µg/l)*	*Total Xylenes (µg/l) 620 (µg/l)*	*LNAPL Thickness (ft)*	*pH (s.u.)*	*Conductivity (µS/cm)*	*Temperature (°C)*	*DO (mg/l)*	*ORP (mV)*
MW-D	3/23/2006	< 1.0	< 5.0	< 1.0	< 3.0	< 0.1	6.86	426	18.5	3.88	--
	6/14/2006	< 1.0	< 5.0	< 1.0	< 3.0	< 0.1	6.08	722	20.1	5.36	--
	8/14/2006	< 0.5	< 5.0	< 0.5	< 1.5	--	7.08	602	20.0	7.38	109.6
	11/14/2006	< 1.0	< 5.0	< 1.0	< 3.0	--	6.73	464	19.0	6.53	79.2
	3/28/2007	< 1.0	< 5.0	< 1.0	< 3.0	--	6.90	777	19.2	9.8	715.4
	6/21/2007	< 1.0	< 5.0	< 1.0	< 3.0	--	6.99	681	19.3	6.24	54.9
	9/18/2007	< 1.0	< 5.0	< 1.0	< 3.0	--	6.79	645	19.5	4.46	65.6
	12/13/2007	< 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	--	--
	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	--	--

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

Well ID (mg/l) NMWQCC Cleanup Levels	*Date of Sample*	*Benzene (µg/l) 10 (µg/l)*	*Toluene (µg/l) 750 (µg/l)*	*Ethyl-Benzene (µg/l) 750 (µg/l)*	*Total Xylenes (µg/l) 620 (µg/l)*	*LNAPL Thickness (ft)*	*pH (s.u.)*	*Conductivity (µS/cm)*	*Temperature (°C)*	*DO (mg/l)*	*ORP (mV)*
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	--	--
MW-E	3/23/2006	< 1.0	< 5.0	< 1.0	< 3.0	< 0.1	7.21	347	19.7	5.04	--
	6/15/2006	< 1.0	< 5.0	< 1.0	< 3.0	< 0.1	7.13	543	19.4	6.43	--
	8/14/2006	< 0.5	< 5.0	< 0.5	< 1.5	--	6.75	541	20.3	7.24	101.4
	11/14/2006	< 1.0	< 5.0	< 1.0	< 3.0	--	6.83	413	19.0	6.69	54.1
	3/28/2007	< 1.0	< 5.0	< 1.0	< 3.0	--	7.07	667	19.0	6.44	46.9
DUP	3/28/2007	< 1.0	< 5.0	< 1.0	< 3.0	--	--	--	--	--	--
	6/21/2007	< 1.0	< 5.0	< 1.0	< 3.0	--	6.90	640	19.1	3.94	20.3
	9/18/2007	< 1.0	< 5.0	< 1.0	< 3.0	--	6.92	585	22.0	3.28	7.6
	12/13/2007	< 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
	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	--	--

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

Well ID (mg/l) NMWQCC Cleanup Levels	*Date of Sample*	*Benzene (µg/l) 10 (µg/l)*	*Toluene (µg/l) 750 (µg/l)*	*Ethyl-Benzene (µg/l) 750 (µg/l)*	*Total Xylenes (µg/l) 620 (µg/l)*	*LNAPL Thickness (ft)*	*pH (s.u.)*	*Conductivity (µS/cm)*	*Temperature (°C)*	*DO (mg/l)*	*ORP (mV)*
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	--	--
MW-F	3/23/2006	< 1.0	< 5.0	< 1.0	< 3.0	< 0.1	6.82	517	19.4	2.12	--
	6/14/2006	< 1.0	< 5.0	< 1.0	< 3.0	< 0.1	6.81	855	21.7	5.52	--
	8/14/2006	< 0.5	< 5.0	< 0.5	< 1.5	--	6.65	846	20.0	2.45	123.7
DUP	8/14/2006	< 0.5	< 5.0	< 0.5	< 1.5	--	--	--	--	--	--
	11/14/2006	< 1.0	< 5.0	< 1.0	< 3.0	--	6.52	544	18.2	4.5	178.2
DUP	11/14/2006	< 1.0	< 5.0	< 1.0	< 3.0	--	--	--	--	--	--
	3/27/2007	< 1.0	< 5.0	< 1.0	< 3.0	--	6.84	833	18.4	4.61	177
	6/21/2007	< 1.0	< 5.0	< 1.0	< 3.0	--	6.85	849	18.6	4.64	84.7
DUP	6/21/2007	< 1.0	< 5.0	< 1.0	< 3.0	--	--	--	--	--	--
	9/18/2007	< 1.0	< 5.0	< 1.0	< 3.0	--	6.63	734	19.0	3.61	207.9
	12/13/2007	< 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

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

Well ID (mg/l) NMWQCC Cleanup Levels	*Date of Sample*	*Benzene (µg/l) 10 (µg/l)*	*Toluene (µg/l) 750 (µg/l)*	*Ethyl-Benzene (µg/l) 750 (µg/l)*	*Total Xylenes (µg/l) 620 (µg/l)*	*LNAPL Thickness (ft)*	*pH (s.u.)*	*Conductivity (µS/cm)*	*Temperature (°C)*	*DO (mg/l)*	*ORP (mV)*
	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	--	--	--	--	--	--
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	--	--
Water Supply Well	08/14/06	<0.5	<5.0	<0.5	<1.5		7.47	473	20.9	4.61	31.7

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

Well ID (mg/l)	*Date of Sample*	*Benzene (µg/l)*	*Toluene (µg/l)*	*Ethyl-Benzene (µg/l)*	*Total Xylenes (µg/l)*	*LNAPL Thickness (ft)*	*pH (s.u.)*	*Conductivity (µS/cm)*	*Temperature (°C)*	*DO (mg/l)*	*ORP (mV)*
NMWQCC Cleanup Levels		*10 (µg/l)*	*750 (µg/l)*	*750 (µg/l)*	*620 (µg/l)*						

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 analyte detected
BOLD = Indicates concentration above the NMWQCC Cleanup Levels
-- = Not measured/not analyzed

Appendices

Appendix A
Groundwater Monitoring Field Sheets

CONESTOGA-ROVERS & ASSOCIATES

Groundwater Monitoring Field Sheet

Well ID	Time	DTP	DTW	Depth to Bottom	Product Thickness	Amount of Product Removed	Casing Diam.	Comments
MW-AR		–	62.21	70.14	–	–	2"	
MW-B		62.50	64.90	–	2.40	–	2"	
MW-C		62.55	63.12	–	.57	–	2"	
MW-D		–	62.24	69.74	–	–	2"	
MW-E		–	61.95	71.21	–	–	2"	
MW-F			63.49	73.61			2"	
MW-G		–	62.73	70.30	–	–	2"	

Project Name: **HOBBS GAS PLANT**

Project Number/Task: **059097**

Field Staff: JN / SM

Date: 3-11-14

CONESTOGA-ROVERS & ASSOCIATES

WELL SAMPLING FORM
DISPOSABLE BAILER SAMPLING

Project Name: **Hobbs Gas Plant**	CRA Mgr: John Fergerson	Well ID: MW-AR
Project Number: 059097	Date: 3-11-14	Field Staff: JN SM

Depth to Water: 67.21	Depth to Bottom (TOC): 70.14	Water Column Height: 7.93
Volume/ft: .16	1 Casing Volume: 1.2688	3 Casing Volumes: 3.80
Well Diameter: 2	Did Well Dewater?: No	Total Gallons Purged: 3.5
Purged groundwater: Drum ☐	Surface ☑	

1 Casing Volume = Water column height x Volume/ ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Volume Purged (gallons)	Temp. (°C) ± 10%	pH ± 0.1	Cond. (uS) ± 3%	Comments
		18.9	8.56	591.9	
		18.9	8.38	582.9	
		18.8	8.26	568.3	

**** A minimum of three parameter must be monitored and recorded****
NOTE: If well is purged dry. Do not collect sample until it has recharged to approximately 80% of its pre-purge volume.

Sample ID	Date	Time	Analytes/Analytical Method
MW-AR-03114	3-11-14	1445	

Additional Comments:

CONESTOGA-ROVERS & ASSOCIATES

WELL SAMPLING FORM
DISPOSABLE BAILER SAMPLING

Project Name: **Hobbs Gas Plant**	CRA Mgr: John Fergerson	Well ID: MW-B
Project Number: 059097	Date: 3-11-14	Field Staff: JN SM

Depth to Water: product 62.50 84.90	Depth to Bottom (TOC):	Water Column Height:
Volume/ft: 1.16	1 Casing Volume:	3 Casing Volumes:
Well Diameter: 2	Did Well Dewater?:	Total Gallons Purged:
Purged groundwater: Drum ☐	Surface ☐	

1 Casing Volume = Water column height x Volume/ ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Volume Purged (gallons)	Temp. (°C) ± 10%	pH ± 0.1	Cond. (uS) ± 3%	Comments

**** A minimum of three parameter must be monitored and recorded****
NOTE: If well is purged dry. Do not collect sample until it has recharged to approximately 80% of its pre-purge volume.

Sample ID	Date	Time	Analytes/Analytical Method
product DNS			

Additional Comments:

CONESTOGA-ROVERS & ASSOCIATES

WELL SAMPLING FORM
DISPOSABLE BAILER SAMPLING

Project Name: **Hobbs Gas Plant**	CRA Mgr: John Fergerson	Well ID: MW-C
Project Number: 059097	Date: 3-11-14	Field Staff: JN SM

DTP 62.55

Depth to Water: 63.12	Depth to Bottom (TOC):	Water Column Height:
Volume/ft: .16	1 Casing Volume:	3 Casing Volumes:
Well Diameter: 2	Did Well Dewater?:	Total Gallons Purged:
Purged groundwater: Drum ☐	Surface ☐	

1 Casing Volume = Water column height x Volume/ ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Volume Purged (gallons)	Temp. (°C) ± 10%	pH ± 0.1	Cond. (uS) ± 3%	Comments

**** A minimum of three parameter must be monitored and recorded****
NOTE: If well is purged dry. Do not collect sample until it has recharged to approximately 80% of its pre-purge volume.

Sample ID	Date	Time	Analytes/Analytical Method
product DNS			

Additional Comments:

CONESTOGA-ROVERS & ASSOCIATES

WELL SAMPLING FORM
DISPOSABLE BAILER SAMPLING

Project Name: **Hobbs Gas Plant**	CRA Mgr: John Fergerson	Well ID: MW-D
Project Number: 059097	Date: 3-11-14	Field Staff: JN SM

Depth to Water: 62.24	Depth to Bottom (TOC): 69.74	Water Column Height: 7.5
Volume/ft: .16	1 Casing Volume: 1.2	3 Casing Volumes: 3.6
Well Diameter: 2	Did Well Dewater?:	Total Gallons Purged: 3.5
Purged groundwater: Drum ☐	Surface ☑	

1 Casing Volume = Water column height x Volume/ ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Volume Purged (gallons)	Temp. (°C) ± 10%	pH ± 0.1	Cond. (uS) ± 3%	Comments
		19.2	8.14	661.9	
		19.0	8.02	666.8	
		19.0	7.97	640.7	

**** A minimum of three parameter must be monitored and recorded****
NOTE: If well is purged dry. Do not collect sample until it has recharged to approximately 80% of its pre-purge volume.

Sample ID	Date	Time	Analytes/Analytical Method
MW-D-031114	3.11.14	1505	

Additional Comments:

CONESTOGA-ROVERS & ASSOCIATES

WELL SAMPLING FORM
DISPOSABLE BAILER SAMPLING

Project Name: **Hobbs Gas Plant**	CRA Mgr: John Fergerson	Well ID: MW-E
Project Number: 059097	Date: 3-11-14	Field Staff: JN SM

Depth to Water: 61.95	Depth to Bottom (TOC): 71.21	Water Column Height: 9.26
Volume/ft: .16	1 Casing Volume: 1.48	3 Casing Volumes: 4.44
Well Diameter: 2	Did Well Dewater?: NO	Total Gallons Purged: 4.5
Purged groundwater: Drum ☐	Surface ☑	

1 Casing Volume = Water column height x Volume/ ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Volume Purged (gallons)	Temp. (°C) ± 10%	pH ± 0.1	Cond. (uS) ± 3%	Comments
		19.4	8.04	654.2	
		19.2	8.05	639.6	
		19.0	8.05	628.7	

**** A minimum of three parameter must be monitored and recorded****
NOTE: If well is purged dry. Do not collect sample until it has recharged to approximately 80% of its pre-purge volume.

Sample ID	Date	Time	Analytes/Analytical Method
MW-E-031114	3-11-14	1525	

Additional Comments:

CONESTOGA-ROVERS & ASSOCIATES

WELL SAMPLING FORM
DISPOSABLE BAILER SAMPLING

Project Name: **Hobbs Gas Plant**	CRA Mgr: John Fergerson	Well ID: MW-F
Project Number: 059097	Date: 3-11-14	Field Staff: JN SM

Depth to Water: 63.49	Depth to Bottom (TOC): 73.61	Water Column Height: 10.12
Volume/ft: .16	1 Casing Volume: 1.6 gallons	3 Casing Volumes: ~~4.8~~ 4.8 gallons
Well Diameter: 2	Did Well Dewater?: no	Total Gallons Purged: 5 gallons
Purged groundwater: Drum ☐	Surface ☑	

1 Casing Volume = Water column height x Volume/ ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Volume Purged (gallons)	Temp. (°C) ± 10%	pH ± 0.1	Cond. (uS) ± 3%	Comments
	3	18.7	8.11	772.4	
	4	18.6	8.13	763.9	
	5	18.6	8.19	769.1	

**** A minimum of three parameter must be monitored and recorded****
NOTE: If well is purged dry. Do not collect sample until it has recharged to approximately 80% of its pre-purge volume.

Sample ID	Date	Time	Analytes/Analytical Method
MW-F-031114	3-11-14	1400	BTEX 8260
Dup-1-031114	3-11-14	—	BTEX 8260

Additional Comments:

CONESTOGA-ROVERS & ASSOCIATES

WELL SAMPLING FORM
DISPOSABLE BAILER SAMPLING

Project Name: **Hobbs Gas Plant**	CRA Mgr: John Fergerson	Well ID: MW-G
Project Number: 059097	Date: 3-11-14	Field Staff: JN SM

Depth to Water: 62.73	Depth to Bottom (TOC): 70.30	Water Column Height: 7.57
Volume/ft: .16	1 Casing Volume: 1.2112	3 Casing Volumes: 3.63
Well Diameter: 2	Did Well Dewater?: NO ?	Total Gallons Purged: 3
Purged groundwater: Drum ☐	Surface ☑	

1 Casing Volume = Water column height x Volume/ ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Volume Purged (gallons)	Temp. (°C) ± 10%	pH ± 0.1	Cond. (uS) ± 3%	Comments
		20.2	7.94	668.2	
		20.4	7.90	670.4	
		20.3	7.85	669.5	

**** A minimum of three parameter must be monitored and recorded****
NOTE: If well is purged dry. Do not collect sample until it has recharged to approximately 80% of its pre-purge volume.

Sample ID	Date	Time	Analytes/Analytical Method
MW-G-03114	3-11-14	1335	

Additional Comments:

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

03/17/14

Technical Report for

DCP Midstream, LLC

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

Accutest Job Number: TC45061

Sampling Date: 03/11/14

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: **24**

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 (T104704220-14-13) AR (13-019-0) AZ (AZ0769) FL (E87628) KS (E-10366) LA (85695/04004) OK (2013-142) VA (2085)

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Sample Summary

DCP Midstream, LLC

Job No: TC45061

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
TC45061-1	03/11/14	13:35		03/14/14	AQ	Ground Water	MW-G-031114
TC45061-2	03/11/14	14:00		03/14/14	AQ	Ground Water	MW-F-031114
TC45061-3	03/11/14	14:45		03/14/14	AQ	Ground Water	MW-AR-031114
TC45061-4	03/11/14	15:05		03/14/14	AQ	Ground Water	MW-D-031114
TC45061-5	03/11/14	15:25		03/14/14	AQ	Ground Water	MW-E-031114
TC45061-6	03/11/14	00:00		03/14/14	AQ	Ground Water	DUP-1-031114
TC45061-7	03/11/14	00:00		03/14/14	AQ	Trip Blank Water	TRIP BLANK

Summary of Hits

Job Number: TC45061
Account: DCP Midstream, LLC
Project: CRA:Hobbs Gas Plant / 059097-2014-02 / Lea County, New Mexico
Collected: 03/11/14

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	MQL	SDL	Units	Method
TC45061-1	**MW-G-031114**					
Benzene		0.109	0.0010	0.00034	mg/l	SW846 8260C
Toluene		0.183	0.0050	0.0016	mg/l	SW846 8260C
Ethylbenzene		0.0447	0.0010	0.00032	mg/l	SW846 8260C
Xylene (total)		0.333	0.0030	0.00087	mg/l	SW846 8260C
TC45061-2	**MW-F-031114**					
No hits reported in this sample.						
TC45061-3	**MW-AR-031114**					
No hits reported in this sample.						
TC45061-4	**MW-D-031114**					
No hits reported in this sample.						
TC45061-5	**MW-E-031114**					
No hits reported in this sample.						
TC45061-6	**DUP-1-031114**					
No hits reported in this sample.						
TC45061-7	**TRIP BLANK**					
No hits reported in this sample.						

Gulf Coast ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-G-031114		
Lab Sample ID:	TC45061-1	**Date Sampled:**	03/11/14
Matrix:	AQ - Ground Water	**Date Received:**	03/14/14
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	G0248588.D	1	03/14/14	CF	n/a	n/a	VG1240
Run #2	G0248623.D	5	03/17/14	CF	n/a	n/a	VG1243

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics

CAS No.	Compound	Result	MQL	SDL	Units	Q
71-43-2	Benzene	0.109	0.0010	0.00034	mg/l	
108-88-3	Toluene	0.183 [a]	0.0050	0.0016	mg/l	
100-41-4	Ethylbenzene	0.0447	0.0010	0.00032	mg/l	
1330-20-7	Xylene (total)	0.333	0.0030	0.00087	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%	113%	72-122%
17060-07-0	1,2-Dichloroethane-D4	109%	107%	68-124%
2037-26-5	Toluene-D8	118%	116%	80-119%
460-00-4	4-Bromofluorobenzene	109%	106%	72-126%

(a) Result is from Run# 2

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-031114		
Lab Sample ID:	TC45061-2	**Date Sampled:**	03/11/14
Matrix:	AQ - Ground Water	**Date Received:**	03/14/14
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	G0248583.D	1	03/14/14	CF	n/a	n/a	VG1240
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	113%		72-122%
17060-07-0	1,2-Dichloroethane-D4	112%		68-124%
2037-26-5	Toluene-D8	116%		80-119%
460-00-4	4-Bromofluorobenzene	107%		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-AR-031114		
Lab Sample ID:	TC45061-3	**Date Sampled:**	03/11/14
Matrix:	AQ - Ground Water	**Date Received:**	03/14/14
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	G0248587.D	1	03/14/14	CF	n/a	n/a	VG1240
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	113%		72-122%
17060-07-0	1,2-Dichloroethane-D4	111%		68-124%
2037-26-5	Toluene-D8	117%		80-119%
460-00-4	4-Bromofluorobenzene	108%		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-031114		
Lab Sample ID:	TC45061-4	**Date Sampled:**	03/11/14
Matrix:	AQ - Ground Water	**Date Received:**	03/14/14
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	G0248584.D	1	03/14/14	CF	n/a	n/a	VG1240
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	114%		72-122%
17060-07-0	1,2-Dichloroethane-D4	111%		68-124%
2037-26-5	Toluene-D8	117%		80-119%
460-00-4	4-Bromofluorobenzene	107%		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-031114		
Lab Sample ID:	TC45061-5	**Date Sampled:**	03/11/14
Matrix:	AQ - Ground Water	**Date Received:**	03/14/14
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	G0248585.D	1	03/14/14	CF	n/a	n/a	VG1240
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	111%		72-122%
17060-07-0	1,2-Dichloroethane-D4	110%		68-124%
2037-26-5	Toluene-D8	115%		80-119%
460-00-4	4-Bromofluorobenzene	106%		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-1-031114		
Lab Sample ID:	TC45061-6	**Date Sampled:**	03/11/14
Matrix:	AQ - Ground Water	**Date Received:**	03/14/14
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	G0248586.D	1	03/14/14	CF	n/a	n/a	VG1240
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	112%		72-122%
17060-07-0	1,2-Dichloroethane-D4	112%		68-124%
2037-26-5	Toluene-D8	118%		80-119%
460-00-4	4-Bromofluorobenzene	108%		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 BLANK		
Lab Sample ID:	TC45061-7	**Date Sampled:**	03/11/14
Matrix:	AQ - Trip Blank Water	**Date Received:**	03/14/14
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	G0248578.D	1	03/14/14	CF	n/a	n/a	VG1240
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	114%		72-122%
17060-07-0	1,2-Dichloroethane-D4	112%		68-124%
2037-26-5	Toluene-D8	119%		80-119%
460-00-4	4-Bromofluorobenzene	109%		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 #: TC45061

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
Chris G. Knight/John Fergerson
Phone #: 512-506-8803
Fax #:
Sampler(s) Name(s): Stuart Meurer / Justin Nixon Phone #: 432-557-3309
Project Manager: John Fergerson

Project Information

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

Billing Information (if different from Report to)

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

Requested Analyses

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	Collection Time	Sampled By	Matrix	Total # of bottles	Number of preserved Bottles: HCl	NaOH	ZnAc/NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	TSP	NaHSO4	ENCORE	OTHER	BTEX (8260)	LAB USE ONLY
1	MW-6-031114	3.11.14	1335	SM/JN	GW	3	X												X	
2	MW-F-031114		1400				X												X	
3	MW-AR-031114		1445				X												X	
4	MW-D-031114		1505				X												X	
5	MW-E-031114		1525				X												X	
6	DUP-1-031114						X												X	
7	TRIP Blank					2	X													

Turnaround Time (Business days)

- [ ] Standard
- [ ] 5 Day
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [x] 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.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Stuart Meurer	3.13.14 800	1 FedEx	2 FedEx	3/14/14	2
3			3	4		4
5			5	Custody Seal #	Intact / Not intact	Preserved where applicable / On Ice / Cooler Temp.

TC45061: Chain of Custody
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Accutest Laboratories Sample Receipt Summary

Accutest Job Number: TC45061 **Client:** CRA **Project:** DCP HOBBS GAS PLANT

Date / Time Received: 3/14/2014 **Delivery Method:** **Airbill #'s:** 5817 8453 0576

No. Coolers: 1 **Therm ID:** IR-5; **Temp Adjustment Factor:** 0;

Cooler Temps (Initial/Adjusted): #1: (0.2/0.2);

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 -Received 1 vial broken for sample "MW-AR-031114".

Accutest Laboratories
V:713.271.4700
10165 Harwin Drive
F: 713.271.4770
Houston, TX 77036
www/accutest.com

TC45061: Chain of Custody
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Problem Resolution

Accutest Job Number: TC45061

CSR: _____ **Response Date:** _____

Response:

TC45061: Chain of Custody
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Sample Receipt Log

Job #: TC45061 **Date / Time Received:** 3/14/2014 9:15:00 AM **Initials:** TB

Client: CRA

Cooler #	Sample ID:	Vol	Bot #	Location	Pres	pH	Therm ID	Initial Temp	Therm CF	Corrected Temp
1	TC45061-1	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
1	TC45061-1	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
1	TC45061-1	40ml	3	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
1	TC45061-2	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
1	TC45061-2	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
1	TC45061-2	40ml	3	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
1	TC45061-3	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
1	TC45061-3	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
1	TC45061-4	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
1	TC45061-4	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
1	TC45061-4	40ml	3	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
1	TC45061-5	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
1	TC45061-5	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
1	TC45061-5	40ml	3	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
1	TC45061-6	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
1	TC45061-6	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
1	TC45061-6	40ml	3	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR-5	0.2	0	0.2
	TC45061-7	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.				
	TC45061-7	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.				

TC45061: 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: TC45061
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
VG1240-MB	G0248568.D	1	03/14/14	CF	n/a	n/a	VG1240

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

TC45061-1, TC45061-2, TC45061-3, TC45061-4, TC45061-5, TC45061-6, TC45061-7

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	113%	72-122%
17060-07-0	1,2-Dichloroethane-D4	111%	68-124%
2037-26-5	Toluene-D8	117%	80-119%
460-00-4	4-Bromofluorobenzene	108%	72-126%

Method Blank Summary

Job Number: TC45061
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
VG1243-MB	G0248620.D	1	03/17/14	CF	n/a	n/a	VG1243

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

TC45061-1

CAS No.	Compound	Result	RL	MDL	Units	Q
108-88-3	Toluene	ND	1.0	0.33	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	111%	72-122%
17060-07-0	1,2-Dichloroethane-D4	106%	68-124%
2037-26-5	Toluene-D8	116%	80-119%
460-00-4	4-Bromofluorobenzene	107%	72-126%

Blank Spike Summary

Job Number: TC45061
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
VG1240-BS	G0248566.D	1	03/14/14	CF	n/a	n/a	VG1240

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

TC45061-1, TC45061-2, TC45061-3, TC45061-4, TC45061-5, TC45061-6, TC45061-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.4	102	68-119
100-41-4	Ethylbenzene	25	25.6	102	71-117
108-88-3	Toluene	25	25.4	102	73-119
1330-20-7	Xylene (total)	75	79.2	106	74-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	112%	72-122%
17060-07-0	1,2-Dichloroethane-D4	113%	68-124%
2037-26-5	Toluene-D8	114%	80-119%
460-00-4	4-Bromofluorobenzene	108%	72-126%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: TC45061
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
VG1243-BS	G0248617.D	1	03/17/14	CF	n/a	n/a	VG1243

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

TC45061-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
108-88-3	Toluene	25	24.8	99	73-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	112%	72-122%
17060-07-0	1,2-Dichloroethane-D4	109%	68-124%
2037-26-5	Toluene-D8	113%	80-119%
460-00-4	4-Bromofluorobenzene	107%	72-126%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC45061
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
TC44896-4MS	G0248575.D	50	03/14/14	CF	n/a	n/a	VG1240
TC44896-4MSD	G0248576.D	50	03/14/14	CF	n/a	n/a	VG1240
TC44896-4	G0248571.D	1	03/14/14	CF	n/a	n/a	VG1240
TC44896-4	G0248572.D	50	03/14/14	CF	n/a	n/a	VG1240

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

TC45061-1, TC45061-2, TC45061-3, TC45061-4, TC45061-5, TC45061-6, TC45061-7

CAS No.	Compound	TC44896-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	1.0 U		1250	1230	98	1260	101	2	68-119/12
100-41-4	Ethylbenzene	1.0 U		1250	1250	100	1280	102	2	71-117/12
108-88-3	Toluene	1.0 U		1250	1240	99	1270	102	2	73-119/13
1330-20-7	Xylene (total)	3.0 U		3750	3890	104	3970	106	2	74-119/13

CAS No.	Surrogate Recoveries	MS	MSD	TC44896-4	TC44896-4	Limits
1868-53-7	Dibromofluoromethane	111%	110%	113%	116%	72-122%
17060-07-0	1,2-Dichloroethane-D4	111%	111%	109%	111%	68-124%
2037-26-5	Toluene-D8	114%	114%	122%* [a]	116%	80-119%
460-00-4	4-Bromofluorobenzene	111%	109%	112%	108%	72-126%

(a) Outside control limits due to matrix interference. Confirmed by reanalysis.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC45061
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
TC45092-1MS	G0248626.D	1000	03/17/14	CF	n/a	n/a	VG1243
TC45092-1MSD	G0248627.D	1000	03/17/14	CF	n/a	n/a	VG1243
TC45092-1	G0248624.D	100	03/17/14	CF	n/a	n/a	VG1243
TC45092-1	G0248625.D	1000	03/17/14	CF	n/a	n/a	VG1243

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

TC45061-1

CAS No.	Compound	TC45092-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
108-88-3	Toluene	24400 [a]		25000	47300	92	46800	90	1	73-119/13

CAS No.	Surrogate Recoveries	MS	MSD	TC45092-1	TC45092-1	Limits
1868-53-7	Dibromofluoromethane	114%	115%	110%	113%	72-122%
17060-07-0	1,2-Dichloroethane-D4	108%	110%	105%	108%	68-124%
2037-26-5	Toluene-D8	114%	115%	113%	115%	80-119%
460-00-4	4-Bromofluorobenzene	107%	108%	106%	107%	72-126%

(a) Result is from Run #2.

* = Outside of Control Limits.