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February 18, 2013

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

2013 FEB 19 A 11:41
RECEIVED OCD

**RE: 4th Quarter 2012 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, one copy of the 4th Quarter 2012 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, please call at 303-605-1718 or e-mail me swweathers@dcpmidstream.com.

Sincerely

DCP Midstream, LP

Stephen Weathers, P.G.
Principal Environmental Specialist

cc: Geoffrey Leking, OCD Hobbs District Office (Copy on CD)
Environmental Files



FOURTH QUARTER 2012 GROUNDWATER MONITORING REPORT

**DCP HOBBS GAS PLANT
AP-122**

**LATITUDE: N 32.70533° LONGITUDE: W 103.3066°
LEA COUNTY, NEW MEXICO**

Prepared For:

**Mr. Steve Weathers
DCP Midstream, LP
370 17th Street, Suite 2500
Denver, Colorado 80202**

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**FEBRUARY 13, 2013
REF. NO. 059097 (16)**

**Prepared by:
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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) is submitting this *Fourth Quarter 2012 Groundwater Monitoring Report* to DCP Midstream, LP (DCP) for the Hobbs Gas Plant in Lea County, New Mexico. This report summarizes the December 2012 groundwater sampling event. Groundwater monitoring and sampling details, analytical results, and conclusions are presented below.

Site Background

The site is a cryogenic processing plant located in Lea County, New Mexico approximately nine miles west of Hobbs, New Mexico (Figure 1). The site occupies approximately 3.5 acres in an undeveloped area. Facilities include a laboratory, an amine unit, compressors, sumps, mol 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) north of the Hobbs Gas Plant. There are six groundwater monitoring wells onsite.

Hydrogeology

Historical static groundwater depths have ranged between 60.13 (MW-A) and 64.60 ft below ground surface (bgs) (MW-B). Static groundwater depths ranged from 61.91 (MW-A) to 65.07 ft bgs (MW-B) on December 10, 2012. Groundwater flows to the southeast with a gradient of 0.008 ft/ft (Figure 2).

2.0 GROUNDWATER MONITORING AND SAMPLING

CRA gauged and collected samples from groundwater monitoring wells MW-A and MW-C through MW-F on December 10, 2012. Light non-aqueous phase liquids (LNAPL) was measured at a thickness of 2.57 ft in well MW-B; a sample was not collected. Each well cap was removed to allow groundwater levels to stabilize and equilibrate prior to gauging. All sampled groundwater 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. CRA's standard operating procedures for groundwater monitoring and sampling are presented as Appendix A.

Purged Groundwater

Purged groundwater from wells MW-A, MW-D, MW-E and MW-F was purged to the surface. Purged groundwater from well MW-C is stored in a United States Department of Transportation approved 55-gallon drum within secondary containment.

3.0 ANALYTICAL RESULTS

Groundwater Analytical Methods

Groundwater samples collected from MW-A and MW-C through MW-F were analyzed for:

- Benzene, toluene, ethylbenzene, and xylenes (BTEX) by SW-846 8260B.

Groundwater Sampling Results

No BTEX was detected above New Mexico Water Quality Control Commission (NMWQCC) cleanup levels in samples MW-A, MW-D, MW-E or MW-F. Groundwater sample MW-C contained the highest benzene concentration 26.6 micrograms per liter ($\mu\text{g/l}$). BTEX concentrations in groundwater are presented on Figure 3. Current groundwater analytical results are summarized in Table 1. Historical groundwater analytical results are summarized in Table 2. The laboratory analytical report is presented as Appendix B.

4.0 CONCLUSIONS

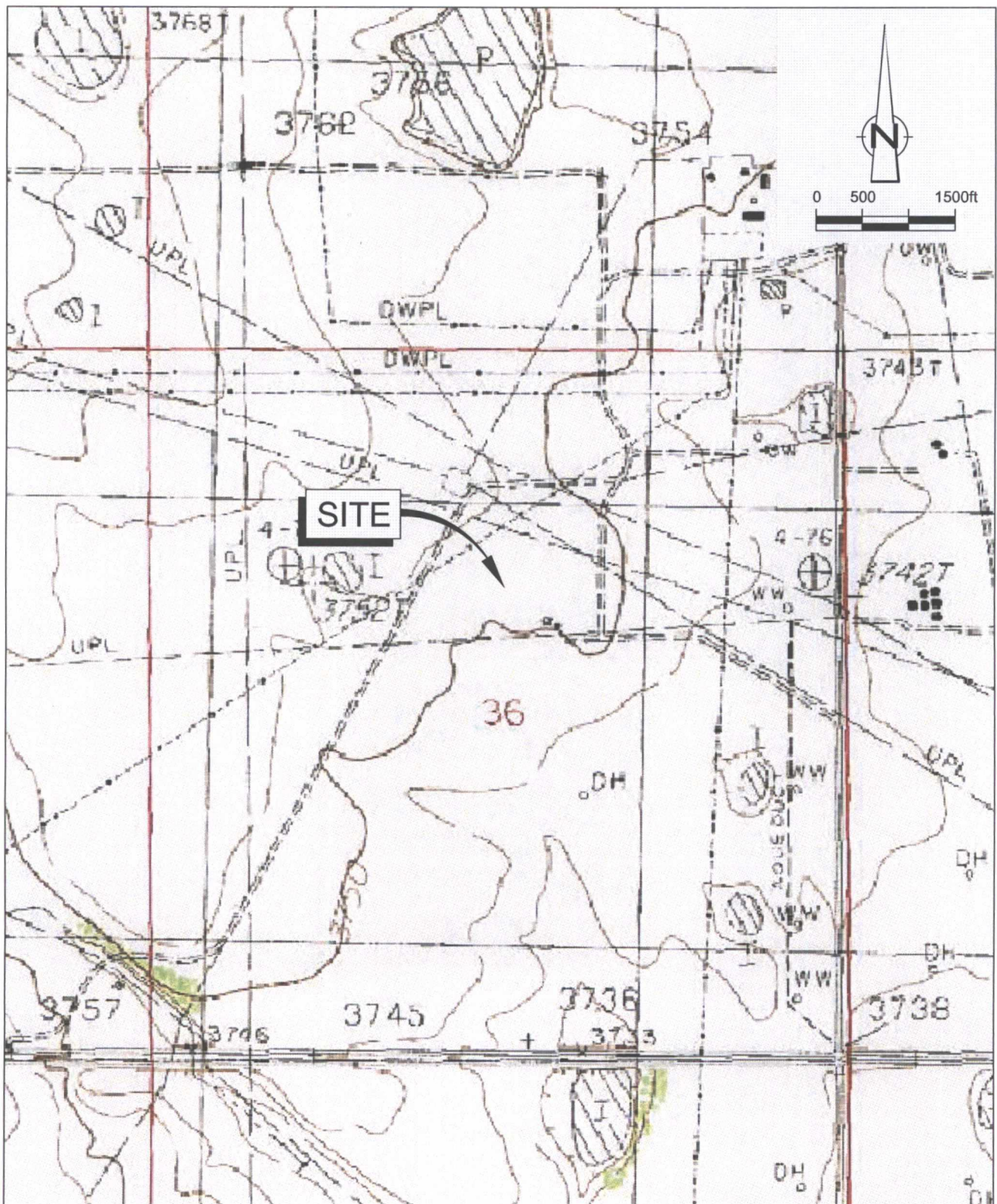
The highest benzene concentration detected was 26.6 $\mu\text{g/l}$ in sample MW-C. LNAPL was measured in well MW-B at a thickness of 2.57 ft. DCP will continue quarterly monitoring and sampling in 2013 to evaluate site groundwater conditions.

FIGURES

FIGURE 1: VICINITY MAP

FIGURE 2: GROUNDWATER ELEVATION CONTOUR MAP

FIGURE 3: GROUNDWATER BTEX ANALYTICAL RESULTS

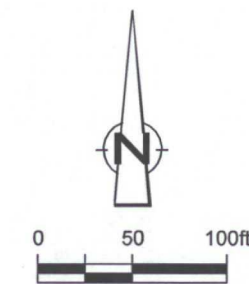
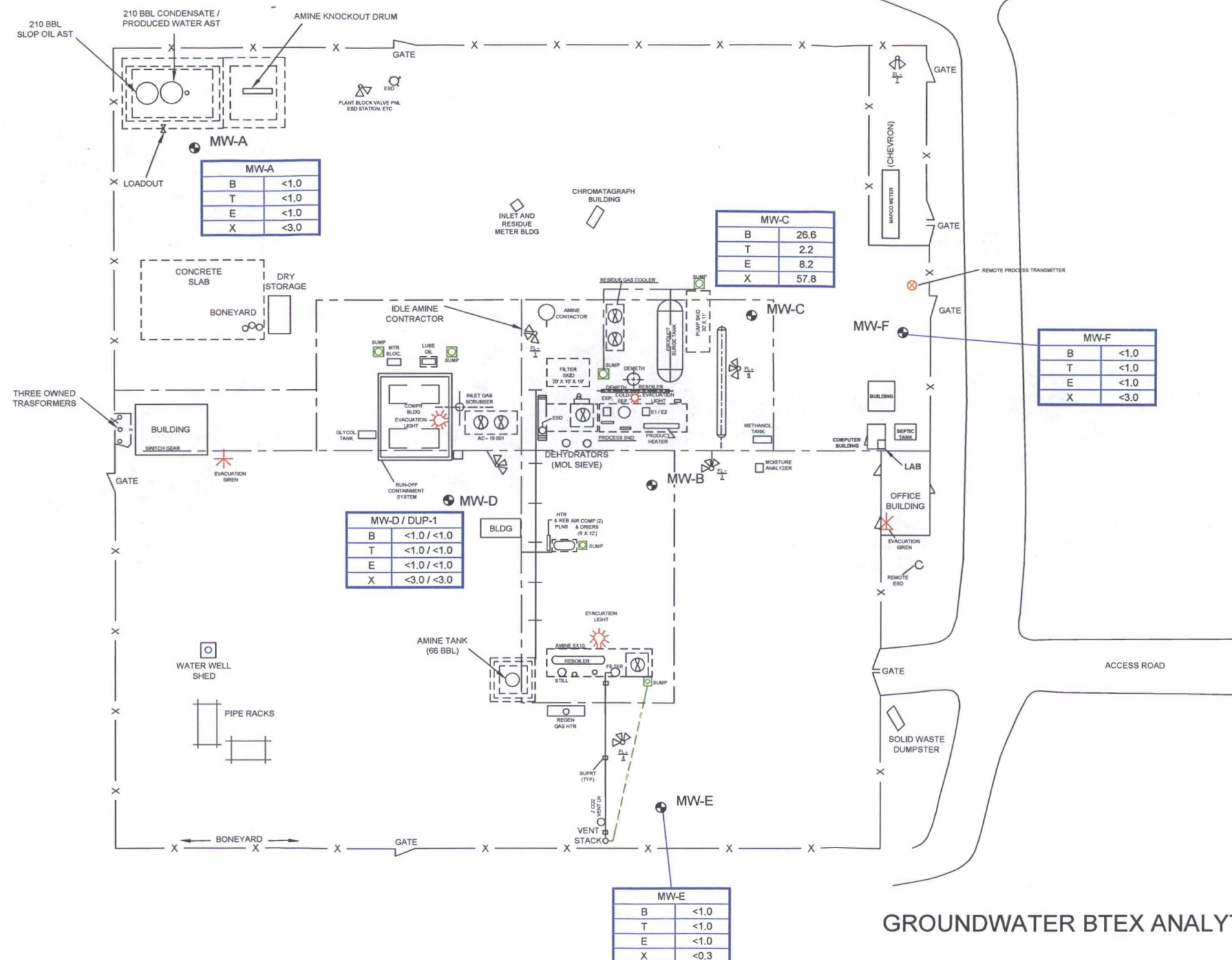


QUAD: USGS MONUMENT NORTH

Figure 1

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





LEGEND:

— X — FENCE LINE

□ SECONDARY CONTAINMENT

○ ABOVEGROUND STORAGE TANK (AST) OR DRUM

● MW-A EXISTING MONITORING WELL

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

- NOTES:**
1. GROUNDWATER SAMPLES WERE COLLECTED ON DECEMBER 10, 2012.
 2. BTEX ANALYSIS WAS BY EPA METHOD 8260 AND REPORTED IN µg/L.
 3. MW-B NOT SAMPLED DUE TO LIGHT NON-AQUEOUS PHASE LIQUID (LNAPL).

Figure 3
GROUNDWATER BTEX ANALYTICAL RESULTS - FOURTH QUARTER 2012
DCP HOBBS GAS PLANT
LEA COUNTY, NEW MEXICO
DCP Midstream
December 10, 2012



TABLES

TABLE 1: CURRENT GROUNDWATER ANALYTICAL RESULTS

TABLE 2: HISTORICAL GROUNDWATER ANALYTICAL RESULTS

CONESTOGA-ROVERS & ASSOCIATES

Table 1. Current Groundwater Analytical Results - DCP Hobbs Gas Plant, Lea County, New Mexico

Well ID	Date	TOC (ft msl)	DTW (ft bgs)	GWE (ft msl)	Benzene	Toluene	Ethyl - benzene	Total Xylenes
NMWQCC Cleanup Levels					10	750	750	620
MW-A	9/24/2012	3755.87	61.91	3693.96	<1.0	<1.0	<1.0	<3.0
MW-B*	9/24/2012	3755.94	65.07	3693.95	LNAPL present			
MW-C	9/24/2012	3755.59	62.73	3692.86	26.6	2.2	8.2	57.8
MW-D	9/24/2012	3755.43	62.26	3693.17	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<3.0/<3.0
MW-E	9/24/2012	3754.36	62.90	3691.46	<1.0	<1.0	<1.0	<3.0
MW-F	9/24/2012	3756.13	63.65	3692.48	<1.0	<1.0	<1.0	<3.0

Notes and Abbreviations:

ID = Identification

TOC = Top of casing

DTW = Depth to water

GWE = Groundwater elevation

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/y = Sample results/blind duplicate results

<x = Not detected above x µg/l

BOLD = Indicates concentration above the NMWQCC Cleanup Levels

NMWQCC = New Mexico Water Quality Control Commission

* = Groundwater elevation corrected using a LNAPL specific gravity of 0.81

CONESTOGA-ROVERS & ASSOCIATES

Table 2. Historical Groundwater Analytical Results - DCP Hobbs Gas Plant, Lea County, New Mexico

Well ID	Date	TOC (ft msl)	DTW (ft bgs)	LNAPL thickness feet	GWE (ft msl)	pH s.u.	Conductivity µS/cm	Temperature °C	DO mg/l	ORP mV	Benzene 10	Toluene 750	Ethyl- benzene 750	Total Xylenes 620
NMWQCC Cleanup Levels														
MW-A	3/5/2008	3755.87	60.18	—	3693.44	7.20	431	17.46	11.42	21.3	11	<5.0	3.8	15.0
MW-A	6/2/2008	3755.87	60.19	—	3693.87	7.31	573	20.57	5.49	31.1	<0.46	<0.48	<0.45	<1.4
MW-A	9/15/2008	3755.87	60.58	—	3694.32	6.81	533	19.27	4.96	238.7	<0.46	<0.48	<0.45	<1.4
MW-A	12/3/2008	3755.87	60.41	—	3694.44	7.37	505	18.20	7.17	183.9	<0.46	<0.48	<0.45	<1.4
MW-A	2/27/2009	3755.87	60.18	—	3693.02	7.29	505	19.34	8.15	64.1	<0.46	<0.48	<0.45	<1.4
MW-A	6/25/2009	3755.87	60.21	—	3695.66	6.90	660	19.80	8.20	145.0	<2.0	<2.0	<2.0	<6.0
MW-A	9/1/2009	3755.87	60.37	—	3695.50	7.07	670	19.86	8.11	69.0	<2.0	<2.0	<2.0	<6.0
MW-A	11/17/2009	3755.87	60.40	—	3695.47	7.82	576	17.67	—	—	<2.0	<2.0	<2.0	<6.0
MW-A	3/25/2010	3755.87	60.40	—	3695.47	7.51	567	21.70	—	—	<2.0	<2.0	<2.0	<6.0
MW-A	6/8/2010	3755.87	60.39	—	3695.48	7.36	513	—	—	—	<2.0	<2.0	<2.0	<6.0
MW-A	9/21/2010	3755.87	60.13	—	3695.74	7.11	585.0	20.30	—	—	<0.50	<0.43	<0.55	<1.7
MW-A	12/16/2010	3755.87	60.24	—	3695.63	7.27	225.7	18.00	—	—	<0.50	<0.43	<0.55	<1.7
MW-A	3/11/2011	3755.87	60.39	—	3695.48	7.31	556.5	19.40	—	—	<2.0	<2.0	<2.0	<6.0
MW-A	6/14/2011	3755.87	60.63	—	3695.24	6.93	582.3	21.00	—	—	<1.0	<1.0	<1.0	<3.0
MW-A	9/27/2011	3755.87	61.04	—	3694.83	7.65	538.6	20.80	—	—	<1.0	<1.0	<1.0	<3.0
MW-A	12/13/2011	3755.87	61.24	—	3694.63	7.50	574.1	17.5	—	—	<1.0	<1.0	<1.0	<3.0
MW-A	3/27/2012	3755.87	61.39	—	3694.48	7.79	515.8	19.7	—	—	<1.0	<1.0	<1.0	<3.0
MW-A	6/19/2012	3755.87	61.54	—	3694.33	7.53	518.1	20.2	—	—	<1.0	<1.0	<1.0	<3.0
MW-A	9/24/2012	3755.87	61.71	—	3694.16	7.86	553.6	20.5	—	—	<1.0	<1.0	<1.0	<3.0
MW-A	12/10/2012	3755.87	61.91	—	3693.96	7.10	554.2	19.7	—	—	<1.0	<1.0	<1.0	<3.0
MW-B	3/5/2008	3755.94	61.66	—	3694.28	6.67	836	16.99	2.49	-214.1	550	64	130	730
MW-B	6/2/2008	3755.94	61.69	—	3694.25	7.08	868	19.99	1.09	-150.1	444	86.5	155	716
MW-B	9/15/2008	3755.94	62.04	—	3693.90	6.60	902	19.63	0.56	-151.6	398	36.6	157	947
MW-B(d)	9/15/2008	3755.94	62.04	—	3693.90	6.60	902	19.63	0.56	-151.6	488	46.0	200	1,210
MW-B	12/3/2008	3755.94	61.93	—	3694.01	6.93	889	18.39	1.57	-161.4	25.6	0.56 J	7.1	29.2
MW-B	2/27/2009	3755.94	61.68	—	3694.26	6.87	921	18.83	0.96	-115.7	592	86.3	176	1,230
MW-B	6/25/2009	3755.94	61.63	—	3694.31	6.60	130	19.80	2.50	-131.0	1,490	270	411	2,750
MW-B	9/1/2009	3755.94	61.81	—	3694.13	6.60	130	20.36	1.92	-206.0	1,420	195	380	2,930
MW-B	11/17/2009	3755.94	61.85	—	3694.09	6.99	822	17.50	—	—	199	2.9	68.5	159
MW-B	3/25/2010	3755.94	61.70	—	3694.24	6.99	1007	20.80	—	—	199	7.8	112	375
MW-B	6/8/2010	3755.94	61.77	—	3694.17	6.98	866	21.56	—	—	438	20.2	161	836
MW-B(d)	6/8/2010	3755.94	61.77	—	3694.17	6.98	866	21.56	—	—	631	26.8	191	1,230
MW-B	9/21/2010	3755.94	61.58	—	3694.36	6.73	981.4	19.70	—	—	572 a	21.7	167	885
MW-B	12/16/2010	3755.94	61.61	—	3694.33	7.04	994.3	17.50	—	—	154	14.6	52.8	239
MW-B	3/11/2011	3755.94	61.74	—	3694.20	6.89	945.9	19.5	—	—	360 a	19.9	175	742
MW-B	6/14/2011	3755.94	61.95	—	3693.99	6.69	997.8	20.1	—	—	295 a	9.2	135	584
MW-B(d)	6/14/2011	3755.94	61.95	—	3693.99	6.69	997.8	20.1	—	—	448 a	11.0	162	932 a
MW-B	9/27/2011	3755.94	62.43	—	3693.51	7.3	872.7	20.8	—	—	225 a	0.8	147	464 a
MW-B	12/13/2011	3755.94	62.60	—	3705.19	7.07	1006	18.2	—	—	357 a	10	157	581 a
MW-B*	3/27/2012	3755.94	62.94	0.29	3693.23				LNAPL present					
MW-B*	6/19/2012	3755.94	64.10	1.65	3693.17				LNAPL present					
MW-B*	9/24/2012	3755.94	64.60	2.10	3693.04				LNAPL present					
MW-B*	12/10/2012	3756.94	65.07	2.57	3693.95				LNAPL present					

CONESTOGA-ROVERS & ASSOCIATES

Table 2. Historical Groundwater Analytical Results - DCP Hobbs Gas Plant, Lea County, New Mexico

Well ID	Date	TOC (ft msl)	DTW (ft bgs)	LNAPL thickness feet	GWE (ft msl)	pH s.u.	Conductivity µS/cm	Temperature °C	DO mg/l	ORP mV	Benzene	Toluene	Ethyl - benzene	Total Xylenes
NMWQCC Cleanup Levels											10	750	750	620
											Concentrations in µg/l			
MW-C	3/5/2008	3755.59	61.18	--	3694.41	6.91	535	17.46	6.50	-104.1	61	5.3	19.0	78.0
MW-C(d)	3/5/2008	3755.59	61.18	--	3694.41	6.91	535	17.46	6.50	-104.1	160	< 25	160	140
MW-C	6/2/2008	3755.59	61.22	--	3694.37	6.90	781	20.00	2.64	-121.2	75.4	4.9	26.3	121
MW-C(d)	6/2/2008	3755.59	61.22	--	3694.37	6.90	781	20.00	2.64	-121.2	103	8.1	36.9	170
MW-C	9/15/2008	3755.59	61.54	--	3694.05	6.51	679	18.99	1.97	160.3	130	5.7	47.3	222
MW-C	12/3/2008	3755.59	61.48	--	3694.11	6.88	621	18.24	2.31	-17.8	39.0	< 0.48	10.5	33.3
MW-C(d)	12/3/2008	3755.59	61.48	--	3694.11	6.88	621	18.24	2.31	-17.8	50.6	< 0.48	13.6	44.5
MW-C	2/27/2009	3755.59	61.15	--	3694.44	6.90	614	18.56	1.96	-8.7	69.9	0.78 J	20.1	86.8
MW-C(d)	2/27/2009	3755.59	61.15	--	3694.44	6.90	614	18.56	1.96	-8.7	36.6	< 0.48	10.0	43.3
MW-C	6/25/2009	3755.59	61.16	--	3694.43	6.60	760	19.60	4.42	54.0	54.3	0.72 J	11.9	53.0
MW-C(d)	6/25/2009	3755.59	61.16	--	3694.43	6.60	760	19.60	4.42	54.0	64.2	0.87 J	19.0	82.4
MW-C	9/1/2009	3755.59	61.35	--	3694.24	6.78	990	19.27	2.66	40.0	82.8	1.3 J	23.1	132
MW-C(d)	9/1/2009	3755.59	61.35	--	3694.24	6.78	990	19.27	2.66	40.0	71.5	1.0 J	19.8	110
MW-C	11/17/2009	3755.59	61.37	--	3694.22	7.26	631	17.17	--	--	30	< 2.0	9.3	53
MW-C(d)	11/17/2009	3755.59	61.37	--	3694.22	7.26	631	17.17	--	--	25.7	< 2.0	7.7	44.3
MW-C	3/25/2010	3755.59	61.27	--	3694.32	7.13	686	19.20	--	--	48.2	3.0	16.9	141
MW-C(d)	3/25/2010	3755.59	61.27	--	3694.32	7.13	686	19.20	--	--	52.2	2.9	20.3	123
MW-C	6/8/2010	3755.59	61.33	--	3694.26	6.92	621	23.06	--	--	20.4	1.1	8.5	52.3
MW-C	9/21/2010	3755.59	61.10	--	3694.49	6.58	741.8	19.2	--	--	124	3.1	50.4	276
MW-C	12/16/2010	3755.59	61.15	--	3694.44	6.95	760.5	18.1	--	--	10.7	0.59	5.1	25.2
MW-C(d)	12/16/2010	3755.59	61.15	--	3694.44	6.95	760.5	18.1	--	--	5.4	<0.43	2.8	12.6
MW-C	3/11/2011	3755.59	61.28	--	3694.31	6.80	725.3	19.3	--	--	95.8	5.7	42.4	235
MW-C	6/14/2011	3755.59	61.52	--	3694.07	6.60	737.1	21.2	--	--	66.0	2.8	29.8	145
MW-C	9/27/2011	3755.59	62.00	--	3693.59	7.34	677.2	20.5	--	--	40.3	0.7	19.9	94.4
MW-C	12/13/2011	3755.59	62.20	--	3693.39	7.06	730.1	16.5	--	--	112	4.3	29.8	200
MW-C(d)	12/13/2011	3755.59	62.20	--	3693.39	7.06	730.1	16.5	--	--	44.1	1.9	14.4	97.7
MW-C	3/27/2012	3755.59	62.33	--	3693.26	7.26	652.3	19.2	--	--	37.0	1.2	11.4	75.8
MW-C(d)	3/27/2012	3755.59	62.33	--	3693.26	7.26	652.3	19.2	--	--	52.0	1.8	15.0	104
MW-C	6/19/2012	3755.59	62.45	--	3693.14	7.15	701.2	20.0	--	--	66.8	1.9	20.1	135
MW-C	9/24/2012	3755.59	62.67	--	3692.92	7.76	732.2	20.6	--	--	2.1	<0.33	0.89	5.6
MW-C	12/10/2012	3756.59	62.73	--	3693.86	7.08	669.6	17.6	--	--	26.6	2.2	8.2	57.8

CONESTOGA-ROVERS & ASSOCIATES

Table 2. Historical Groundwater Analytical Results - DCP Hobbs Gas Plant, Lea County, New Mexico

Well ID	Date	TOC (ft msl)	DTW (ft bgs)	LNAPL thickness feet	GWE (ft msl)	pH s.u.	Conductivity µS/cm	Temperature °C	DO mg/l	ORP mV	Benzene	Toluene	Ethyl - benzene	Total Xylenes
NMWQCC Cleanup Levels											10	750	750	620
											Concentrations in µg/l			
MW-D	3/5/2008	3755.43	60.77	--	3694.66	6.85	507	17.23	9.66	22.5	<1.0	<5.0	<1.0	<3.0
MW-D	6/2/2008	3755.43	60.77	--	3694.66	7.13	668	19.99	5.39	29.2	<0.46	<0.48	<0.45	<1.4
MW-D	9/15/2008	3755.43	61.10	--	3694.33	6.64	646	19.42	3.65	233.1	<0.46	<0.48	<0.45	<1.4
MW-D	12/3/2008	3755.43	61.08	--	3694.35	7.09	587	17.95	5.46	175.5	<0.46	<0.48	<0.45	<1.4
MW-D	2/27/2009	3755.43	60.79	--	3694.64	7.01	589	19.59	7.22	77.1	<0.46	<0.48	<0.45	<1.4
MW-D	6/25/2009	3755.43	60.77	--	3694.66	6.70	820	20.10	6.38	177.0	<2.0	<2.0	<2.0	<6.0
MW-D	9/1/2009	3755.43	60.96	--	3694.47	6.81	860	19.90	6.11	118.0	<2.0	<2.0	<2.0	<6.0
MW-D	11/17/2009	3755.43	60.96	--	3694.47	7.67	658	16.67	--	--	<2.0	<2.0	<2.0	<6.0
MW-D	3/25/2010	3755.43	60.89	--	3694.54	7.18	706	19.50	--	--	<2.0	<2.0	<2.0	<6.0
MW-D	6/8/2010	3755.43	60.91	--	3694.52	7.09	636	22.28	--	--	<2.0	<2.0	<2.0	<6.0
MW-D	9/21/2010	3755.43	60.66	--	3694.77	6.84	730.5	19.30	--	--	<0.50	<0.43	<0.55	<1.7
MW-D	12/16/2010	3755.43	60.72	--	3694.71	7.03	794.7	18.70	--	--	<0.50	<0.43	<0.55	<1.7
MW-D	3/11/2011	3755.43	60.84	--	3694.59	6.82	760.7	19.40	--	--	<2.0	<2.0	<2.0	<6.0
MW-D	6/14/2011	3755.43	61.09	--	3694.34	6.65	842.4	20.00	--	--	<1.0	<1.0	<1.0	<3.0
MW-D	9/27/2011	3755.43	61.55	--	3693.88	7.21	708.7	20.60	--	--	<1.0	<1.0	<1.0	<3.0
MW-D	12/13/2011	3755.43	61.70	--	3693.73	7.28	771.7	16.7	--	--	<1.0	<1.0	<1.0	<3.0
MW-D	3/27/2012	3755.43	61.84	--	3693.59	7.18	659.7	20.5	--	--	<1.0	<1.0	<1.0	<3.0
MW-D	6/19/2012	3755.43	61.97	--	3693.46	7.26	706.4	21.1	--	--	<1.0	<1.0	<1.0	<3.0
MW-D	9/24/2012	3755.43	62.12	--	3693.31	8.18	717.9	23.0	--	--	<1.0	<1.0	<1.0	<3.0
MW-D	12/10/2012	3755.43	62.26	--	3693.17	6.92	676.4	18.3	--	--	<1.0	<1.0	<1.0	<3.0
MW-D(d)	12/10/2012	3755.43	62.26	--	3693.17	6.92	676.4	18.3	--	--	<1.0	<1.0	<1.0	<3.0
MW-E	3/5/2008	3754.36	60.75	--	3693.61	6.89	487	17.29	8.99	38.4	14	<5.0	3.9	14
MW-E	6/2/2008	3754.36	60.78	--	3693.58	7.07	633	19.91	3.72	9.4	<0.46	<0.48	<0.45	<1.4
MW-E	9/15/2008	3754.36	61.21	--	3693.15	6.74	601	19.27	4.02	228.3	<0.46	<0.48	<0.45	<1.4
MW-E	12/3/2008	3754.36	61.13	--	3693.23	7.03	592	18.58	5.25	186.2	<0.46	<0.48	<0.45	<1.4
MW-E	2/27/2009	3754.36	60.81	--	3693.55	7.01	590	19.10	6.29	91.2	<0.46	<0.48	<0.45	<1.4
MW-E	6/25/2009	3754.36	60.74	--	3693.62	6.80	270	20.10	5.19	60.0	<2.0	<2.0	<2.0	<6.0
MW-E	9/1/2009	3754.36	60.93	--	3693.43	6.84	780	20.94	5.95	16.0	<2.0	<2.0	<2.0	<6.0
MW-E	11/17/2009	3754.36	60.94	--	3693.42	7.32	610	17.06	--	--	<2.0	<2.0	<2.0	<6.0
MW-E	3/25/2010	3754.36	60.82	--	3693.54	7.14	654	19.50	--	--	<2.0	<2.0	<2.0	<6.0
MW-E	6/8/2010	3754.36	60.83	--	3693.53	7.00	612	22.50	--	--	<2.0	<2.0	<2.0	<6.0
MW-E	9/21/2010	3754.36	60.65	--	3693.71	6.72	730	19.40	--	--	<0.50	<0.43	<0.55	<1.7
MW-E(d)	9/21/2010	3754.36	60.65	--	3693.71	6.72	730	19.40	--	--	<0.50	<0.43	<0.55	<1.7
MW-E	12/16/2010	3754.36	60.65	--	3693.71	7.01	698.8	18.10	--	--	<0.50	<0.43	<0.55	<1.7
MW-E	3/11/2011	3754.36	60.75	--	3693.61	6.82	684.9	19.30	--	--	<2.0	<2.0	<2.0	<6.0
MW-E(d)	3/11/2011	3754.36	60.75	--	3693.61	6.82	684.9	19.30	--	--	<2.0	<2.0	<2.0	<6.0
MW-E	6/14/2011	3754.36	60.91	--	3693.45	6.63	727.9	21.00	--	--	<1.0	<1.0	<1.0	<3.0
MW-E	9/27/2011	3754.36	61.43	--	3692.93	7.42	607.3	20.90	--	--	<1.0	<1.0	<1.0	<3.0
MW-E(d)	9/27/2011	3754.36	61.43	--	3692.93	7.42	607.3	20.90	--	--	<1.0	<1.0	<1.0	<3.0
MW-E	12/13/2011	3754.36	61.59	--	3692.77	7.19	682.3	15.9	--	--	<1.0	<1.0	<1.0	<3.0
MW-E	3/27/2012	3754.36	61.66	--	3692.70	7.55	630.1	20.0	--	--	<1.0	<1.0	<1.0	<3.0
MW-E	6/19/2012	3754.36	61.81	--	3692.55	7.25	641.0	19.9	--	--	<1.0	<1.0	<1.0	<3.0
MW-E(d)	6/19/2012	3754.36	61.81	--	3692.55	7.25	641.0	19.9	--	--	<1.0	<1.0	<1.0	<3.0
MW-E	9/24/2012	3754.36	61.94	--	3692.42	7.83	706.9	23.0	--	--	<1.0	<1.0	<1.0	<3.0
MW-E(d)	9/24/2012	3754.36	61.94	--	3692.42	7.83	706.9	23.0	--	--	<1.0	<1.0	<1.0	<3.0
MW-E	12/10/2012	3754.36	62.90	--	3691.46	6.21	652.7	17.1	--	--	<1.0	<1.0	<1.0	<3.0

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Table 2. Historical Groundwater Analytical Results - DCP Hobbs Gas Plant, Lea County, New Mexico

Well ID	Date	TOC	DTW	LNAPL thickness	GWE	pH	Conductivity	Temperature	DO	ORP	Benzene	Toluene	Ethyl - benzene	Total Xylenes
		(ft msl)	(ft bgs)	feet	(ft msl)	s.u.	µS/cm	°C	mg/l	mV	←	Concentrations in µg/l	→	→
NMWQCC Cleanup Levels											10	750	750	620
MW-F	3/5/2008	3756.13	62.01	--	3694.12	6.76	657	17.01	9.71	3.6	1.9	< 5.0	< 1.0	3.8
MW-F	6/2/2008	3756.13	62.06	--	3694.07	6.76	879	19.00	3.08	21.4	< 0.46	< 0.48	< 0.45	< 1.4
MW-F	9/15/2008	3756.13	62.44	--	3693.69	6.43	876	19.17	2.52	234.3	< 0.46	< 0.48	< 0.45	< 1.4
MW-F	12/3/2008	3756.13	62.22	--	3693.91	6.76	917	17.79	3.79	188.4	< 0.46	< 0.48	< 0.45	< 1.4
MW-F	2/27/2009	3756.13	61.97	--	3694.16	6.77	857	18.61	3.85	93.4	< 0.46	< 0.48	< 0.45	< 1.4
MW-F	6/25/2009	3756.13	61.96	--	3694.17	6.20	100	19.80	5.56	221.0	< 2.0	< 2.0	< 2.0	< 6.0
MW-F	9/1/2009	3756.13	62.18	--	3693.95	6.51	110	19.25	5.27	108.0	< 2.0	< 2.0	< 2.0	< 6.0
MW-F	11/17/2009	3756.13	62.13	--	3694.00	6.93	1,030	18.67	--	--	< 2.0	< 2.0	< 2.0	< 6.0
MW-F	3/25/2010	3756.13	62.02	--	3694.11	6.94	1,053	19.00	--	--	< 2.0	< 2.0	< 2.0	< 6.0
MW-F	6/8/2010	3756.13	62.12	--	3694.01	7.03	900	22.06	--	--	< 2.0	< 2.0	< 2.0	< 6.0
MW-F	9/21/2010	3756.13	61.92	--	3694.21	6.67	1,003	19.10	--	--	< 0.50	< 0.43	< 0.55	< 1.7
MW-F	12/16/2010	3756.13	61.93	--	3694.20	6.90	1,058	17.60	--	--	< 0.50	< 0.43	< 0.55	< 1.7
MW-F	3/11/2011	3756.13	62.05	--	3694.08	6.84	1,017	19.00	--	--	< 2.0	< 2.0	< 2.0	< 6.0
MW-F	6/14/2011	3756.13	62.35	--	3693.78	6.53	1,053	20.10	--	--	< 1.0	< 1.0	< 1.0	< 3.0
MW-F	9/27/2011	3756.13	62.85	--	3693.28	7.05	890	20.40	--	--	< 1.0	< 1.0	< 1.0	< 3.0
MW-F	12/13/2011	3756.13	63.05	--	3693.08	7.12	922.0	16.7	--	--	< 1.0	< 1.0	< 1.0	< 3.0
MW-F	3/27/2012	3756.13	63.16	--	3692.97	7.20	754.8	20.6	--	--	< 1.0	< 1.0	< 1.0	< 3.0
MW-F	6/19/2012	3756.13	63.30	--	3692.83	7.23	776.1	19.7	--	--	< 1.0	< 1.0	< 1.0	< 3.0
MW-F	9/24/2012	3756.13	63.50	--	3692.63	7.64	769.8	21.6	--	--	< 0.34	< 0.33	< 0.32	< 0.87
MW-F	12/10/2012	3756.13	63.65	--	3692.48	6.97	753.7	15.8	--	--	< 1.0	< 1.0	< 1.0	< 3.0

Notes and Abbreviations:

ID = Identification

TOC = Top of casing

DTW = Depth to water

LNAPL = Light non-aqueous phase liquids

GWE = Groundwater elevation

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

°C = Degrees Celsius

mg/l = Milligrams per liter

mV = Millivolts

µg/l = Micrograms per liter

NMWQCC = New Mexico Water Quality Control Commission

BOLD = Indicates concentration above the NMWQCC Cleanup Levels

<x = Not detected above x µg/l

-- = Not measured/not analyzed

(d) = Duplicate sample

* = Groundwater elevation corrected using a LNAPL specific gravity of 0.81

\\Den-s1\shared\Project Files\0590\059097-HOBBS\059097-REPORTS\059097-RPT11-3Q 2011 GW\MR\059097-11-T1 good.xls\Groundwater Analytical Results

APPENDIX A

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-noxTM or AlconoxTM 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 WatteraTM) or down-hole pump (e.g. GrundfosTM 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



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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.



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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.

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12/24/12

Technical Report for

DCP Midstream, LLC

CRA: DCP Midstream-Hobbs

059097-2012-04

Accutest Job Number: TC21599

Sampling Date: 12/10/12

Report to:

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

Total number of pages in report: 26



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


Richard Rodriguez
Laboratory Director

Client Service contact: Sylvia Garza 713-271-4700

Certifications: TX (T104704220-12-8) AR (11-028-0) AZ (AZ0769) FL (E87628) KS (E-10366)
LA (85695/04004) OK (211-035)

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Test results relate only to samples analyzed.

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Sample Summary

DCP Midstream, LLC

Job No: TC21599

CRA: DCP Midstream-Hobbs
Project No: 059097-2012-04

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
TC21599-1	12/10/12	13:30	BDJ	12/13/12	AQ Ground Water	MW-A
TC21599-2	12/10/12	14:35	BDJ	12/13/12	AQ Ground Water	MW-C
TC21599-3	12/10/12	13:50	BDJ	12/13/12	AQ Ground Water	MW-D
TC21599-4	12/10/12	14:15	BDJ	12/13/12	AQ Ground Water	MW-E
TC21599-5	12/10/12	15:00	BDJ	12/13/12	AQ Ground Water	MW-F
TC21599-6	12/10/12	00:00	BDJ	12/13/12	AQ Ground Water	DUP-1
TC21599-7	12/10/12	00:00	BDJ	12/13/12	AQ Trip Blank Water	TRIP-BLANK

Summary of Hits

Page 1 of 1

Job Number: TC21599
Account: DCP Midstream, LLC
Project: CRA: DCP Midstream-Hobbs
Collected: 12/10/12

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Analyte						

TC21599-1 **MW-A**

No hits reported in this sample.

TC21599-2 **MW-C**

Benzene	0.0266	0.0010	0.00034	mg/l	SW846 8260B
Toluene	0.0022	0.0010	0.00033	mg/l	SW846 8260B
Ethylbenzene	0.0082	0.0010	0.00032	mg/l	SW846 8260B
Xylene (total)	0.0578	0.0030	0.00087	mg/l	SW846 8260B

TC21599-3 **MW-D**

No hits reported in this sample.

TC21599-4 **MW-E**

No hits reported in this sample.

TC21599-5 **MW-F**

No hits reported in this sample.

TC21599-6 **DUP-1**

No hits reported in this sample.

TC21599-7 **TRIP BLANK**

No hits reported in this sample.



Gulf Coast

ACCUTEST

LABORATORIES



Sample Results

Report of Analysis



ACCUTEST

TC21599

LABORATORIES

Report of Analysis

Client Sample ID: MW-A
Lab Sample ID: TC21599-1
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: CRA: DCP Midstream-Hobbs

Date Sampled: 12/10/12
Date Received: 12/13/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K13523.D	1	12/19/12	AK	n/a	n/a	VK591
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00034	mg/l	
108-88-3	Toluene	ND	0.0010	0.00033	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00032	mg/l	
1330-20-7	Xylene (total)	ND	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	108%		68-124%
2037-26-5	Toluene-D8	111%		80-119%
460-00-4	4-Bromofluorobenzene	113%		72-126%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting 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

Page 1 of 1

3.2

Client Sample ID:	MW-C	Date Sampled:	12/10/12
Lab Sample ID:	TC21599-2	Date Received:	12/13/12
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	CRA: DCP Midstream-Hobbs		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K13477.D	1	12/18/12	EM	n/a	n/a	VK589
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0266	0.0010	0.00034	mg/l	
108-88-3	Toluene	0.0022	0.0010	0.00033	mg/l	
100-41-4	Ethylbenzene	0.0082	0.0010	0.00032	mg/l	
1330-20-7	Xylene (total)	0.0578	0.0030	0.00087	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		72-122%
17060-07-0	1,2-Dichloroethane-D4	104%		68-124%
2037-26-5	Toluene-D8	103%		80-119%
460-00-4	4-Bromofluorobenzene	105%		72-126%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting 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	Date Sampled:	12/10/12
Lab Sample ID:	TC21599-3	Date Received:	12/13/12
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	CRA: DCP Midstream-Hobbs		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K13524.D	1	12/19/12	AK	n/a	n/a	VK591
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00034	mg/l	
108-88-3	Toluene	ND	0.0010	0.00033	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00032	mg/l	
1330-20-7	Xylene (total)	ND	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	104%		68-124%
2037-26-5	Toluene-D8	107%		80-119%
460-00-4	4-Bromofluorobenzene	113%		72-126%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting 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

Page 1 of 1

3.4

Client Sample ID:	MW-E	Date Sampled:	12/10/12
Lab Sample ID:	TC21599-4	Date Received:	12/13/12
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	CRA: DCP Midstream-Hobbs		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K13479.D	1	12/18/12	EM	n/a	n/a	VK589
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		72-122%
17060-07-0	1,2-Dichloroethane-D4	105%		68-124%
2037-26-5	Toluene-D8	104%		80-119%
460-00-4	4-Bromofluorobenzene	106%		72-126%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting 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

Page 1 of 1

3.5

Client Sample ID:	MW-F	Date Sampled:	12/10/12
Lab Sample ID:	TC21599-5	Date Received:	12/13/12
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	CRA: DCP Midstream-Hobbs		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z030847.D	1	12/18/12	EM	n/a	n/a	VZ3830
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		72-122%
17060-07-0	1,2-Dichloroethane-D4	80%		68-124%
2037-26-5	Toluene-D8	82%		80-119%
460-00-4	4-Bromofluorobenzene	94%		72-126%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting 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	Date Sampled:	12/10/12
Lab Sample ID:	TC21599-6	Date Received:	12/13/12
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	CRA: DCP Midstream-Hobbs		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z030846.D	1	12/18/12	EM	n/a	n/a	VZ3830
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		72-122%
17060-07-0	1,2-Dichloroethane-D4	80%		68-124%
2037-26-5	Toluene-D8	86%		80-119%
460-00-4	4-Bromofluorobenzene	96%		72-126%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting 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	Date Sampled:	12/10/12
Lab Sample ID:	TC21599-7	Date Received:	12/13/12
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	CRA: DCP Midstream-Hobbs		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z030845.D	1	12/18/12	EM	n/a	n/a	VZ3830
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		72-122%
17060-07-0	1,2-Dichloroethane-D4	82%		68-124%
2037-26-5	Toluene-D8	87%		80-119%
460-00-4	4-Bromofluorobenzene	97%		72-126%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting 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

4

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody





CHAIN OF CUSTODY

10165 Harwin, Suite 150 - Houston, TX 77036 - 713-271-4700 fax: 713-271-4770

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # TC 21599

Client / Reporting Information		Project Information		Requested Analyses		Matrix Codes	
Company Name Conestoga Rovers and Associates		Project Name / No. DCP Midstream-Hobbs 059097-2012-04				DW - Drinking Water GW - Ground Water WW - Wastewater SO - Soil SL - Sludge OI - Oil LIQ - Liquid SOL - Other Solid	
Project Contact Jeffrey Cloud		Bill to DCP Midstream-Hobbs		Invoice Attn. Steve Weathers			
Address 2135 South Loop 250 W		Address					
City Midland		City					
State Texas		State					
Zip 79703		Zip					
Phone No. 432 686-0086		Phone No.					
Fax No. 432-686-0186		Fax No.					
Samplers Name BOS		Client Purchase Order #					
Turnaround Time (Business days) ☐ 10 Day STANDARD ☐ 7 Day ☐ 4 Day RUSH ☐ 3 Day EMERGENCY ☐ 2 Day EMERGENCY ☐ 1 Day EMERGENCY ☐ Other		Data Deliverable Information ☐ Commercial "A" ☐ Commercial "B" ☐ Reduced Tier 1 ☐ Full Data Package ☐ TRRP-13 ☐ EDD Format ☐ Other		Comments / Remarks Bill to DCP (Shipping)			
Approved By/ Date		Commercial "A" = Results Only Commercial "B" = Results & Standard QC					
1U calendar day							
Real time analytical data available via Lablink							
Relinquished by Sampler 1 DCP		Date Time 12-12-12 1645		Received By 1		Date Time 12-12-12 1645	
Relinquished by:		Date Time:		Received By:		Date Time:	
3				3			
Relinquished by:		Date Time:		Received By:		Date Time:	
5				5			
				Custody Seal #		Preserved where applicable ☐ On Ice ☐ Cooler Temp.	

TC21599: Chain of Custody
Page 1 of 3



Accutest Laboratories Sample Receipt Summary

Page 1 of 2

Accutest Job Number: TC21599 Client: CRA Project: DCP MIDSTREAM HOBBS 059097-2012-04
Date / Time Received: 12/13/2012 Delivery Method: Airbill #'s: 547819221554
No. Coolers: 1 Therm ID: IR6; Temp Adjustment Factor: 0.2;
Cooler Temps (Initial/Adjusted): #1: (3.4/3.6);

Cooler Security

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

Accutest Laboratories
V: 713.271.4700

10165 Harwin Drive
F: 713.271.4770

Houston, TX 77036
www.accutest.com

TC21599: Chain of Custody
Page 2 of 3

Sample Receipt Log

Page 2 of 2

Job #: TC21599

Date / Time Received: 12/13/2012 9:30:00 AM

Initials: EC

Client: CRA

Cooler #	Sample ID:	Vol	Bot #	Location	Pres	pH	Therm ID	Initial Temp	Therm CF	Corrected Temp
1	TC21599-1	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-1	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-1	40ml	3	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-2	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-2	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-2	40ml	3	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-3	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-3	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-3	40ml	3	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-4	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-4	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-4	40ml	3	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-5	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-5	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-5	40ml	3	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-6	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-6	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-6	40ml	3	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-7	40ml	1	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6
1	TC21599-7	40ml	2	VR	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR6	3.4	0.2	3.6

TC21599: Chain of Custody

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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

Page 1 of 1

Job Number: TC21599

Account: DUKE DCP Midstream, LLC

Project: CRA: DCP Midstream-Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ3830-MB	Z030826.D	1	12/18/12	EM	n/a	n/a	VZ3830

The QC reported here applies to the following samples:

Method: SW846 8260B

TC21599-5, TC21599-6, TC21599-7

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	106% 72-122%
17060-07-0	1,2-Dichloroethane-D4	83% 68-124%
2037-26-5	Toluene-D8	86% 80-119%
460-00-4	4-Bromofluorobenzene	96% 72-126%

Method Blank Summary

Page 1 of 1

Job Number: TC21599

Account: DUKE DCP Midstream, LLC

Project: CRA: DCP Midstream-Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VK589-MB	K13457.D	1	12/18/12	EM	n/a	n/a	VK589

The QC reported here applies to the following samples:

Method: SW846 8260B

TC21599-2, TC21599-4

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	110% 72-122%
17060-07-0	1,2-Dichloroethane-D4	105% 68-124%
2037-26-5	Toluene-D8	107% 80-119%
460-00-4	4-Bromofluorobenzene	108% 72-126%

Method Blank Summary

Page 1 of 1

Job Number: TC21599

Account: DUKE DCP Midstream, LLC

Project: CRA: DCP Midstream-Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VK591-MB	K13510.D	1	12/19/12	AK	n/a	n/a	VK591

The QC reported here applies to the following samples:

Method: SW846 8260B

TC21599-1, TC21599-3

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	109% 72-122%
17060-07-0	1,2-Dichloroethane-D4	108% 68-124%
2037-26-5	Toluene-D8	109% 80-119%
460-00-4	4-Bromofluorobenzene	113% 72-126%

Blank Spike Summary

Page 1 of 1

Job Number: TC21599

Account: DUKE DCP Midstream, LLC

Project: CRA: DCP Midstream-Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ3830-BS	Z030823.D	1	12/18/12	EM	n/a	n/a	VZ3830

The QC reported here applies to the following samples:

Method: SW846 8260B

TC21599-5, TC21599-6, TC21599-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.0	96	68-119
100-41-4	Ethylbenzene	25	22.3	89	71-117
108-88-3	Toluene	25	22.0	88	73-119
1330-20-7	Xylene (total)	75	70.4	94	74-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	106%	72-122%
17060-07-0	1,2-Dichloroethane-D4	80%	68-124%
2037-26-5	Toluene-D8	89%	80-119%
460-00-4	4-Bromofluorobenzene	91%	72-126%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: TC21599

Account: DUKE DCP Midstream, LLC

Project: CRA: DCP Midstream-Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VK589-BS	K13455.D	1	12/18/12	EM	n/a	n/a	VK589

The QC reported here applies to the following samples:

Method: SW846 8260B

TC21599-2, TC21599-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.2	97	68-119
100-41-4	Ethylbenzene	25	23.6	94	71-117
108-88-3	Toluene	25	23.3	93	73-119
1330-20-7	Xylene (total)	75	72.9	97	74-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	106%	72-122%
17060-07-0	1,2-Dichloroethane-D4	102%	68-124%
2037-26-5	Toluene-D8	103%	80-119%
460-00-4	4-Bromofluorobenzene	101%	72-126%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: TC21599

Account: DUKE DCP Midstream, LLC

Project: CRA: DCP Midstream-Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VK591-BS	K13508.D	1	12/19/12	AK	n/a	n/a	VK591

The QC reported here applies to the following samples:

Method: SW846 8260B

TC21599-1, TC21599-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	20.6	82	68-119
100-41-4	Ethylbenzene	25	20.7	83	71-117
108-88-3	Toluene	25	20.7	83	73-119
1330-20-7	Xylene (total)	75	64.4	86	74-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	110%	72-122%
17060-07-0	1,2-Dichloroethane-D4	104%	68-124%
2037-26-5	Toluene-D8	109%	80-119%
460-00-4	4-Bromofluorobenzene	110%	72-126%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: TC21599

Account: DUKE DCP Midstream, LLC

Project: CRA: DCP Midstream-Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
TC21547-4MS	Z030832.D	1	12/18/12	EM	n/a	n/a	VZ3830
TC21547-4MSD	Z030833.D	1	12/18/12	EM	n/a	n/a	VZ3830
TC21547-4	Z030831.D	1	12/18/12	EM	n/a	n/a	VZ3830

The QC reported here applies to the following samples:

Method: SW846 8260B

TC21599-5, TC21599-6, TC21599-7

CAS No.	Compound	TC21547-4 ug/l	Spike Q	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	25	22.8	91	21.6	86	5	68-119/12
100-41-4	Ethylbenzene	ND	25	21.2	85	19.8	79	7	71-117/12
108-88-3	Toluene	ND	25	20.5	82	19.9	80	3	73-119/13
1330-20-7	Xylene (total)	ND	75	68.6	91	63.9	85	7	74-119/13

CAS No.	Surrogate Recoveries	MS	MSD	TC21547-4	Limits
1868-53-7	Dibromofluoromethane	104%	98%	104%	72-122%
17060-07-0	1,2-Dichloroethane-D4	80%	76%	78%	68-124%
2037-26-5	Toluene-D8	84%	82%	85%	80-119%
460-00-4	4-Bromofluorobenzene	88%	82%	95%	72-126%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: TC21599

Account: DUKE DCP Midstream, LLC

Project: CRA: DCP Midstream-Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
TC21614-1MS	K13461.D	1	12/18/12	EM	n/a	n/a	VK589
TC21614-1MSD	K13462.D	1	12/18/12	EM	n/a	n/a	VK589
TC21614-1	K13460.D	1	12/18/12	EM	n/a	n/a	VK589

The QC reported here applies to the following samples:

Method: SW846 8260B

TC21599-2, TC21599-4

CAS No.	Compound	TC21614-1 ug/l	Spike Q	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	1.0 U	25	24.8	99	23.5	94	5	68-119/12
100-41-4	Ethylbenzene	1.0 U	25	23.3	93	22.8	91	2	71-117/12
108-88-3	Toluene	1.0 U	25	23.3	93	22.9	92	2	73-119/13
1330-20-7	Xylene (total)	3.0 U	75	72.7	97	70.9	95	3	74-119/13

CAS No.	Surrogate Recoveries	MS	MSD	TC21614-1	Limits
1868-53-7	Dibromofluoromethane	108%	107%	110%	72-122%
17060-07-0	1,2-Dichloroethane-D4	105%	102%	105%	68-124%
2037-26-5	Toluene-D8	104%	105%	104%	80-119%
460-00-4	4-Bromofluorobenzene	105%	108%	106%	72-126%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: TC21599
Account: DUKE DCP Midstream, LLC
Project: CRA: DCP Midstream-Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
TC21598-7MS	K13518.D	10	12/19/12	AK	n/a	n/a	VK591
TC21598-7MSD	K13519.D	10	12/19/12	AK	n/a	n/a	VK591
TC21598-7	K13516.D	10	12/19/12	AK	n/a	n/a	VK591

The QC reported here applies to the following samples:

Method: SW846 8260B

TC21599-1, TC21599-3

CAS No.	Compound	TC21598-7 ug/l	Spike Q	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	726	250	910	74	883	63* ^a	3	68-119/12
100-41-4	Ethylbenzene	149	250	338	76	327	71	3	71-117/12
108-88-3	Toluene	365	250	554	76	537	69*	3	73-119/13
1330-20-7	Xylene (total)	230	750	829	80	793	75	4	74-119/13

CAS No.	Surrogate Recoveries	MS	MSD	TC21598-7	Limits
1868-53-7	Dibromofluoromethane	110%	111%	110%	72-122%
17060-07-0	1,2-Dichloroethane-D4	105%	108%	106%	68-124%
2037-26-5	Toluene-D8	110%	111%	110%	80-119%
460-00-4	4-Bromofluorobenzene	111%	111%	114%	72-126%

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

* = Outside of Control Limits.