GW-175

1st QTR 2010 GW monitoring results

DATE:
August 18, 2010

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

August 18, 2010

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

RE: 1st Quarter 2010 Groundwater Monitoring Results
DCP Hobbs Gas Plant (GW-175)
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 1st Quarter 2010 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: Larry Johnson, OCD Hobbs District Office (Copy on CD)
Environmental Files

FIRST QUARTER 2010 GROUNDWATER MONITORING REPORT

DCP HOBBS GAS PLANT
GW-175
LATITUDE: N 32.70533° LONGITUDE: W 103.3066°
LEA COUNTY, NEW MEXICO

Prepared For:
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DCP Midstream, LP
370 17th Street, Suite 2500
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AUGUST 2, 2010
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This report is printed on recycled paper.

CONESTOGA-ROVERS
& ASSOCIATES

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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) is submitting this *First Quarter 2010 Groundwater Monitoring Report* to DCP Midstream, LP (DCP) for the Hobbs Gas Plant in Lea County, New Mexico. This report summarizes the March 24 and 25, 2010 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 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 60.18 (MW-A) and 62.44 ft below ground surface (bgs)(MW-F). Static groundwater depths ranged from 60.40 (MW-A) to 62.02 ft bgs (MW-F) on March 24, 2010. Groundwater flow was to the southeast with a gradient of 0.0043 ft/ft (Figure 2).

2.0 GROUNDWATER MONITORING AND SAMPLING

CRA gauged groundwater monitoring wells MW-A through MW-F on March 24, 2010 and collected samples from MW-A through MW-F on March 25, 2010. 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 well sampling forms are presented as Appendix A. CRA's standard operating procedures for groundwater monitoring and sampling are presented as Appendix B. Groundwater data and field parameters are summarized in Table 1.

Purged Groundwater

Purged groundwater from all site monitoring wells was stored in a sealed United States Department of Transportation polydrum. The drum was transported to the DCP Linam Ranch Facility; where purged groundwater was disposed in the onsite sump. The drum was labeled with contents, date of generation, generator identification and consultant contact information.

3.0 ANALYTICAL RESULTS

Groundwater Analytical Methods

Groundwater samples collected from MW-A through MW-F were analyzed for the following:

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

Constituents of Concern and Cleanup Levels

The New Mexico Oil Conservation Division (NMOCD) guidelines require groundwater to be analyzed for potential constituents of concern (COC) as defined by the New Mexico Water Quality Control Commission (NMWQCC) regulations. The COC in site groundwater is benzene. NMWQCC human heath standards for groundwater (*Title 20, Chapter 6, Part 2, Subsection A*) are:

Analyte	NMWQCC Standard for Groundwater micrograms per liter (µg/l)
Benzene	10
Toluene	750
Ethylbenzene	750
Total Xylenes	620

Groundwater Sampling Results: No BTEX was detected above NMWQCC standards in groundwater samples collected from wells MW-A, MW-D, MW-E, and MW-F. Benzene was detected at 199 micrograms per liter (µg/l) in sample MW-B and 48.2 µg/l in sample MW-C (Figure 3). Groundwater analytical results are summarized in Table 1. The laboratory analytical report is presented as Appendix C.

4.0 CONCLUSIONS

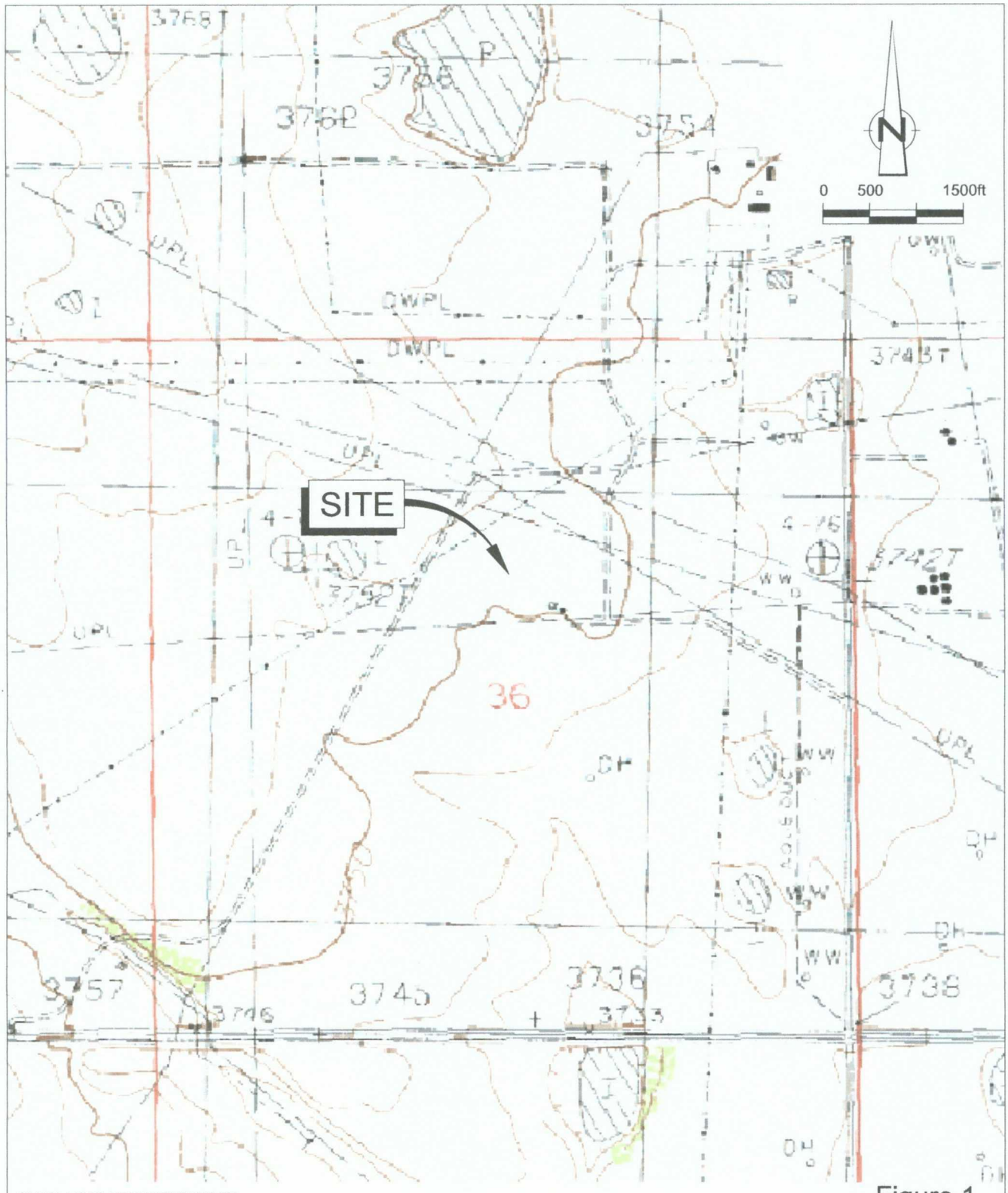
No petroleum hydrocarbons have been detected in quarterly groundwater samples collected from wells MW-A, MW-D, MW-E and MW-F since June 2008. DCP will continue quarterly monitoring and sampling during 2010 to evaluate site groundwater conditions.

FIGURES

FIGURE 1: VICINITY MAP

FIGURE 2: GROUNDWATER ELEVATION CONTOUR MAP

FIGURE 3: GROUNDWATER BTEX ANALYTICAL RESULTS

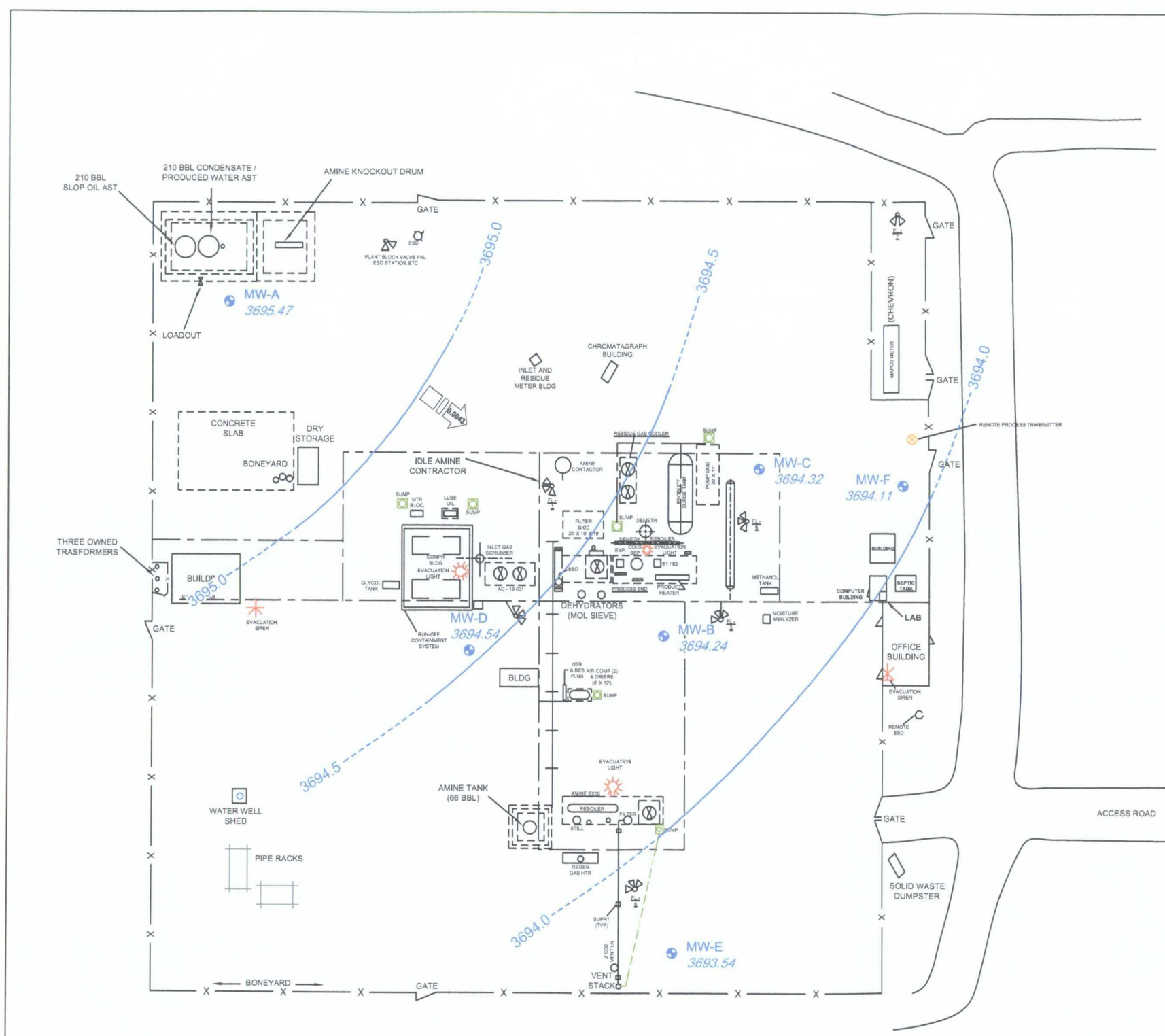


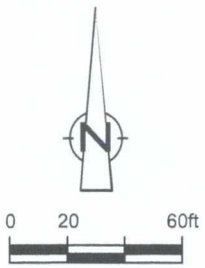
QUAD: USGS MONUMENT NORTH

Figure 1

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

059097-10(010)GN-MD001 FEB 09/2010





LEGEND:

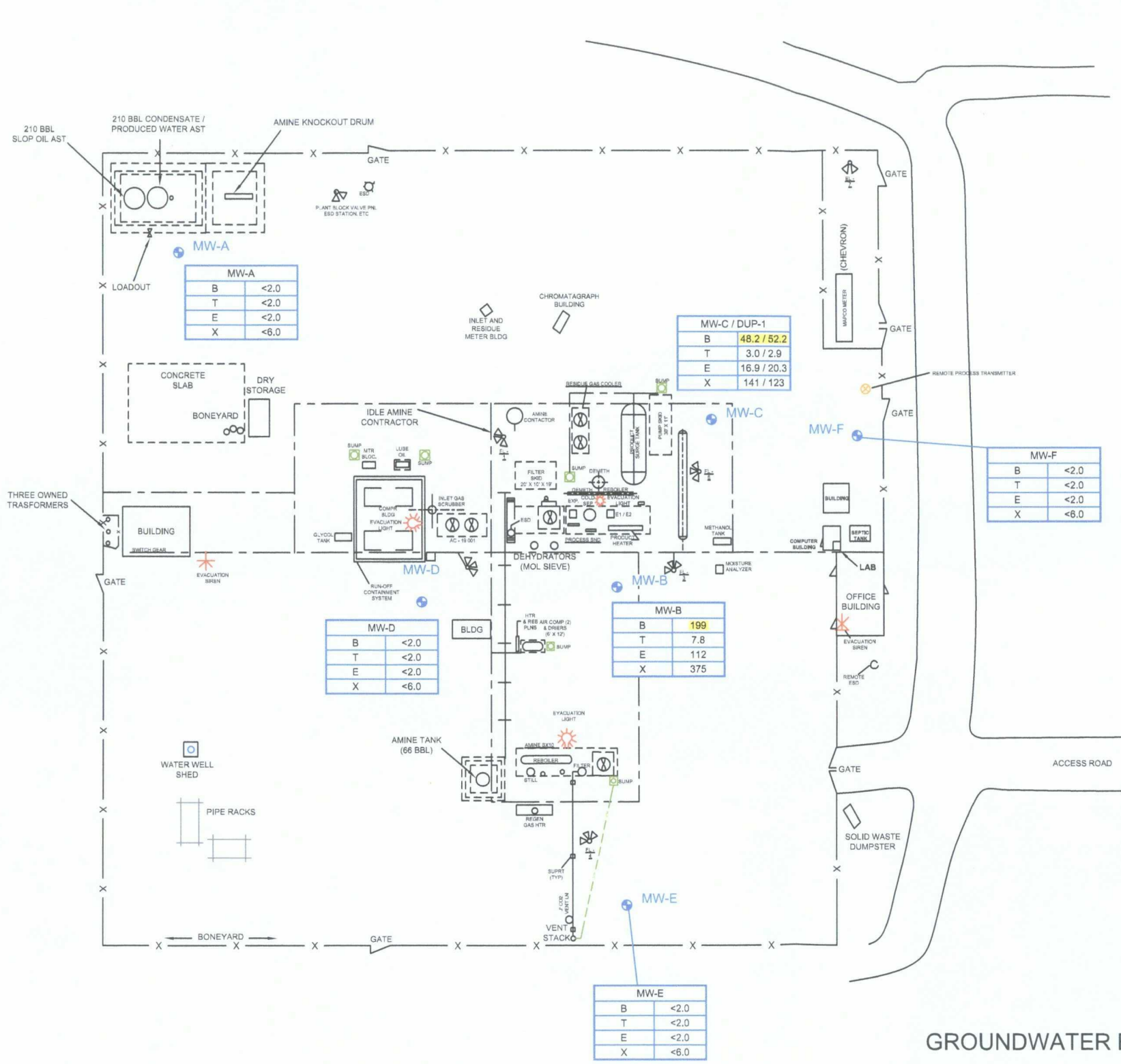
- FENCE LINE
- SECONDARY CONTAINMENT
- ABOVEGROUND STORAGE TANK (AST) OR DRUM
- MW-A — EXISTING MONITORING WELL
- 3694.0 — POTENTIOMETRIC SURFACE CONTOURS AND ELEVATION
- 3694.22 — GROUNDWATER ELEVATION, FEET ABOVE MEAN SEA LEVEL
- 0.0043 — REGIONAL GROUNDWATER FLOW DIRECTION AND GRADIENT

NOTES:

1. GROUNDWATER ELEVATIONS WERE COLLECTED ON MARCH 24, 2010.
2. DEPTH TO GROUNDWATER / LNAPL WAS GAUGED FROM TOP OF CASING.
3. CONTOUR INTERVAL IS 0.5 FEET.

figure 2

GROUNDWATER GRADIENT MAP - MARCH 24 & 25, 2010
DCP HOBBS GAS PLANT
LEA COUNTY, NEW MEXICO
DCP Midstream



NOTES:

1. GROUNDWATER SAMPLES WERE COLLECTED ON MARCH 24, 2010.

2. BTEX ANALYSIS WAS BY EPA METHOD 8260 AND REPORTED IN µg/L.

3.HIGHLIGHT CONCENTRATIONS INDICATE NMWQCC STANDARDS.

figure 3

GROUNDWATER BTEX ANAYLITICAL RESULTS - MARCH 25, 2010
DCP HOBBS GAS PLANT
LEA COUNTY, NEW MEXICO
DCP Midstream

TABLES

TABLE 1: GROUNDWATER ANALYTICAL RESULTS

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

Well ID	Date	TOC	DTW	GWE	pH	Conductivitiy	Temperature	DO	ORP	Benzene	Toluene	Ethyl - benzene	Total Xylenes
		(ft msl)	(ft bgs)	(ft msl)	s.u.	µS/cm	°C	mg/l	mV	← Concentrations in µg/l →			
MW-A	3/5/2008	3755.87	60.18	3695.69	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	3695.68	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	3695.29	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	3695.46	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	3695.69	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-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-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	19.2	--	--	48.2	3.0	16.9	141
MW-C(d)	3/25/2010	3755.59	61.27	3694.32	7.13	686	19.2	--	--	52.2	2.9	20.3	123
NMOCD Cleanup Levels										**10**	**750**	**750**	**620**

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

Well ID	Date	TOC (ft msl)	DTW (ft bgs)	GWE (ft msl)	pH s.u.	Conductivitiy µS/cm	Temperature °C	DO mg/l	ORP mV	Benzene ←	Toluene	Ethyl-benzene	Total Xylenes →
										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-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-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	1030	18.67	--	--	< 2.0	< 2.0	< 2.0	< 6.0
MW-F	3/25/2010	3756.13	62.02	3694.11	6.94	1053	19.00	--	--	< 2.0	< 2.0	< 2.0	< 6.0
NMOCD Cleanup Levels										**10**	**750**	**750**	**620**

Notes and Abbreviations:
ID = Identification
TOC = Top of casing
DTW = Depth to water
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 Celcius
mg/l = Milligrams per liter
mV = Millivolts
µg/l = Micrograms per liter
<x = Not detected above x µg/l
-- = Not measured/not analyzed
(d) = Duplicate sample
J = Estimated value
NMOCD = New Mexico Oil Conservation Division

APPENDIX A

WELL SAMPLING FORMS

CONESTOGA-ROVERS & ASSOCIATES

Groundwater Monitoring Field Sheet

Well ID	Time (Central Time)	DTP	DTW	Depth to Bottom	Product Thickness	Amount of Product Removed	Casing Diam.	Comments
MW-D	1210	——	60.89	69.55	——	——	2"	
MW-F	1218	——	62.02	73.80	——	——	2"	
MW-A	1226	——	60.40	70.60	——	——	2"	
MW-E	1235	——	60.82	71.30	——	——	2"	
MW-C	1242	——	61.27	73.65	——	——	2"	Dup 32510
MW-B	1250	——	61.70	70.61	——	——	2"	

Project Name: **HOBBS GAS PLANT**

Project Number/Task: **059097-11-02**

Field Staff: Joe Lewandowski / Joe Mireles

Date: 3-24-10

CONESTOGA-ROVERS & ASSOCIATES

WELL SAMPLING FORM

Project Name: **Hobbs Gas Plant**	CRA Mgr: John Riggi	Well ID: MW-A
Project Number: 059097	Date: 3-25-10	Well Yield: 6
Site Address:	Sampling Method: Hand Bailing	Well Diameter 2"
		Field Staff: JM JL
Initial Depth to Water: 60.40	Total Well Depth: 70.60	Water Column Height: 10.2
Volume/ft: 0.16	1 Casing Volume: 1.632	3 Casing Volumes: 4.89
Purging Device: Bailer	Did Well Dewater?: NO	Total Gallons Purged: 6
Start Purge Time: 1225	Stop Purge Time: 1245	Total Time: ~~0~~ 25 min

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) F	pH	Cond. (uS)	Comments
1237	0.25	74.4	7.46	573	
1240	0.25	70.3	7.57	540	
1242	0.25	70.1	7.51	567	

Sample ID	Date	Time	Container Type	Preservative	Analytes	Analytic Method
MW-A	3-25-10	1245	VOA	HCl	VOCs	8260B SW 846

CONESTOGA-ROVERS & ASSOCIATES

WELL SAMPLING FORM

Project Name: **Hobbs Gas Plant**	CRA Mgr: John Riggi	Well ID: MW-B
Project Number: 059097	Date: 03-25-10	Well Yield: 5.25
Site Address:	Sampling Method: Hand Bailing	Well Diameter 2"
		Field Staff: JL , JM
Initial Depth to Water: 61.70	Total Well Depth: 70.61	Water Column Height: 8.91
Volume/ft: .16	1 Casing Volume: 1.43	3 Casing Volumes: 4.28
Purging Device: Bailer	Did Well Dewater?: NO	Total Gallons Purged: 5.25
Start Purge Time: 1417	Stop Purge Time:	Total Time:

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)	pH	Cond. (uS)	Comments
1425	.25	76.6	6.95	936	
1427	.25	72.6	6.96	973	
1429	.25	69.4	6.99	1007	

Sample ID	Date	Time	Container Type	Preservative	Analytes	Analytic Method
MW-B	3/25/10	1435	40 mL VOA	HCl	VOC's	8260 B

CONESTOGA-ROVERS & ASSOCIATES

WELL SAMPLING FORM

Project Name: **Hobbs Gas Plant**	CRA Mgr: John Riggi	Well ID: MW-C - DUP32510
Project Number: 059097	Date: 3-25-10	Well Yield: 7 Gals
Site Address:	Sampling Method: Hand Bailing	Well Diameter 2"
		Field Staff: J.L. J.M.
Initial Depth to Water: 61.27	Total Well Depth: 73.65	Water Column Height: 12.38
Volume/ft: 0.16	1 Casing Volume: 1.98	3 Casing Volumes: 5.94
Purging Device: Bailer	Did Well Dewater?: NO	Total Gallons Purged: 7.
Start Purge Time: 1340	Stop Purge Time: 1402	Total Time: 22 min

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) F	pH	Cond. (uS)	Comments
1355	0.25	73.4	7.05	717	
1357	0.25	67.6	7.15	671	
1400	0.25	66.5	7.13	686	

Sample ID	Date	Time	Container Type	Preservative	Analytes	Analytic Method
MW-C	3-25-10	1402	VOA	HCl	VOC's	8260 B SW 846
DUP	3-25-10	1407	VOA	HCl	VOC's	8260 B SW 846

CONESTOGA-ROVERS & ASSOCIATES

WELL SAMPLING FORM

Project Name: **Hobbs Gas Plant**	CRA Mgr: John Riggi	Well ID: MW-D
Project Number: 059097	Date: 3-25-10	Well Yield: ~~4.25~~ 4.25
Site Address:	Sampling Method: Hand Bailing	Well Diameter 2"
		Field Staff: J.M. J.L.
Initial Depth to Water: 60.89	Total Well Depth: 69.55	Water Column Height: 8.66
Volume/ft: 0.16	1 Casing Volume: 1.386	3 Casing Volumes: 4.2
Purging Device: Bailer	Did Well Dewater?: NO	Total Gallons Purged: ~~5~~ 5
Start Purge Time: 1105	Stop Purge Time: 1130	Total Time: 25 min

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) °F	pH	Cond. (uS)	Comments
1123	~~0~~ 2.5	71.0	7.19	738	
1124	~~4.50~~ 0.25	67.8	7.11	780	
1127	~~4.75~~ 0.25	67.1	7.18	706	

Sample ID	Date	Time	Container Type	Preservative	Analytes	Analytic Method
MW-D	3-25	1135	VOA	HCL	VOCs	SW 8260B

CONESTOGA-ROVERS & ASSOCIATES

WELL SAMPLING FORM

Project Name: **Hobbs Gas Plant**	CRA Mgr: John Riggi	Well ID: MW-E
Project Number: 059097	Date: 3-25-10	Well Yield: 6
Site Address:	Sampling Method: Hand Bailing	Well Diameter 2"
		Field Staff: JL , JM
Initial Depth to Water: 60.82	Total Well Depth: 71.30	Water Column Height: 10.48
Volume/ft: .16	1 Casing Volume: 1.68	3 Casing Volumes: 5.03
Purging Device: Bailer	Did Well Dewater?: NO	Total Gallons Purged: 6
Start Purge Time: 1258	Stop Purge Time: 1314	Total Time:

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)	pH	Cond. (uS)	Comments
1308	.25	71.4	7.24	628	
1311	.25	68.5	7.27	645	
1314	.25	67.1	7.14	654	

Sample ID	Date	Time	Container Type	Preservative	Analytes	Analytic Method
MW-E	3/25/10	1318	40mL VOA	HCl	VOC's	8260B

CONESTOGA-ROVERS & ASSOCIATES

WELL SAMPLING FORM

Project Name: **Hobbs Gas Plant**	CRA Mgr: John Riggi	Well ID: MW-F
Project Number: 059097	Date: 03-25-10	Well Yield: 5.65
Site Address:	Sampling Method: Hand Bailing	Well Diameter 2"
		Field Staff: JL JM
Initial Depth to Water: 62.02	Total Well Depth: 73.80	Water Column Height: 11.78
Volume/ft: .16	1 Casing Volume: 1.88	3 Casing Volumes: 5.65
Purging Device: Bailer	Did Well Dewater?: NO	Total Gallons Purged: 6.25
Start Purge Time: 1147	Stop Purge Time: 1204	Total Time:

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. °F	pH	Cond. (uS)	Comments
11:59	.25	68.5	6.89	1057	
12:02	.25	66.3	7.01	1056	
12:04	.25	66.2	6.94	1053	

Sample ID	Date	Time	Container Type	Preservative	Analytes	Analytic Method
MW-F	3-25-10	1210	40ml VOA	HCl	VOC's	8260B

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.

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& 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.

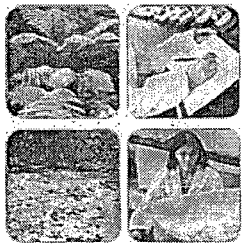
APPENDIX C

LABORATORY ANALYTICAL REPORT

Gulf Coast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

04/06/10



Technical Report for

DCP Midstream, LLC

CRA: Hobbs

Accutest Job Number: T49985

Sampling Date: 03/25/10

Report to:

DCP Midstream, L.P.
370 17th Street Suite 2500
Denver, CO 80202
SWWeathers@dcpmidstream.com; rbaca@craworld.com

ATTN: Mr. Steve Weathers

Total number of pages in report: **25**

ACCREDITED IN ACCORDANCE WITH nelac

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.

Paul K Canevaro

Paul Canevaro
Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Georgia Jones 713-271-4700

Certifications: TX (T104704220-09C-TX) AR (88-0756) FL (E87628) KS (E-10366) LA (85695/04004) OK (9103) UT(7132714700)

Sections: 1 2 3 4

Table of Contents

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Accutest Laboratories

Sample Summary

DCP Midstream, LLC

Job No: T49985

CRA: Hobbs

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
T49985-1	03/25/10	12:45	JM	03/30/10	AQ	Ground Water	MW-A
T49985-2	03/25/10	14:35	JM	03/30/10	AQ	Ground Water	MW-B
T49985-3	03/25/10	14:02	JM	03/30/10	AQ	Ground Water	MW-C
T49985-4	03/25/10	11:35	JM	03/30/10	AQ	Ground Water	MW-D
T49985-5	03/25/10	13:18	JM	03/30/10	AQ	Ground Water	MW-E
T49985-6	03/25/10	12:10	JM	03/30/10	AQ	Ground Water	MW-F
T49985-7	03/25/10	00:00	JM	03/30/10	AQ	Ground Water	DUPLICATE
T49985-8	03/25/10	00:00	JM	03/30/10	AQ	Trip Blank Water	TRIP BLANK

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-A		
Lab Sample ID:	T49985-1	Date Sampled:	03/25/10
Matrix:	AQ - Ground Water	Date Received:	03/30/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	CRA: Hobbs		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0007931.D	1	04/04/10	RR	n/a	n/a	VC368
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	0.0020	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		79-122%
17060-07-0	1,2-Dichloroethane-D4	102%		75-121%
2037-26-5	Toluene-D8	94%		87-119%
460-00-4	4-Bromofluorobenzene	83%		80-133%

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-B		
Lab Sample ID:	T49985-2	Date Sampled:	03/25/10
Matrix:	AQ - Ground Water	Date Received:	03/30/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	CRA: Hobbs		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0007947.D	1	04/05/10	RR	n/a	n/a	VC369
Run #2	C0007949.D	10	04/05/10	RR	n/a	n/a	VC369

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

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.199 [a]	0.020	0.0050	mg/l	
108-88-3	Toluene	0.0078	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	0.112	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	0.375	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%	99%	79-122%
17060-07-0	1,2-Dichloroethane-D4	90%	90%	75-121%
2037-26-5	Toluene-D8	107%	99%	87-119%
460-00-4	4-Bromofluorobenzene	84%	94%	80-133%

(a) Result is from Run# 2

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-C		
Lab Sample ID:	T49985-3	Date Sampled:	03/25/10
Matrix:	AQ - Ground Water	Date Received:	03/30/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	CRA: Hobbs		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0007932.D	1	04/04/10	RR	n/a	n/a	VC368
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	0.0482	0.0020	0.00050	mg/l	
108-88-3	Toluene	0.0030	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	0.0169	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	0.141	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		79-122%
17060-07-0	1,2-Dichloroethane-D4	98%		75-121%
2037-26-5	Toluene-D8	106%		87-119%
460-00-4	4-Bromofluorobenzene	77% [a]		80-133%

(a) Outside control limits biased low. There are no target compounds associated with this surrogate.

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-D		
Lab Sample ID:	T49985-4	**Date Sampled:**	03/25/10
Matrix:	AQ - Ground Water	**Date Received:**	03/30/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	CRA: Hobbs		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0007933.D	1	04/04/10	RR	n/a	n/a	VC368
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	0.0020	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		79-122%
17060-07-0	1,2-Dichloroethane-D4	100%		75-121%
2037-26-5	Toluene-D8	95%		87-119%
460-00-4	4-Bromofluorobenzene	83%		80-133%

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-E		
Lab Sample ID:	T49985-5	Date Sampled:	03/25/10
Matrix:	AQ - Ground Water	Date Received:	03/30/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	CRA: Hobbs		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0007934.D	1	04/04/10	RR	n/a	n/a	VC368
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	0.0020	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		79-122%
17060-07-0	1,2-Dichloroethane-D4	105%		75-121%
2037-26-5	Toluene-D8	95%		87-119%
460-00-4	4-Bromofluorobenzene	80%		80-133%

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-F		
Lab Sample ID:	T49985-6	Date Sampled:	03/25/10
Matrix:	AQ - Ground Water	Date Received:	03/30/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	CRA: Hobbs		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0007946.D	1	04/05/10	RR	n/a	n/a	VC369
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	0.0020	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		79-122%
17060-07-0	1,2-Dichloroethane-D4	105%		75-121%
2037-26-5	Toluene-D8	95%		87-119%
460-00-4	4-Bromofluorobenzene	89%		80-133%

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	DUPLICATE		
Lab Sample ID:	T49985-7	Date Sampled:	03/25/10
Matrix:	AQ - Ground Water	Date Received:	03/30/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	CRA: Hobbs		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F024965.D	1	04/04/10	RR	n/a	n/a	VF3815
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	0.0522	0.0020	0.00050	mg/l	
108-88-3	Toluene	0.0029	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	0.0203	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	0.123	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		79-122%
17060-07-0	1,2-Dichloroethane-D4	96%		75-121%
2037-26-5	Toluene-D8	101%		87-119%
460-00-4	4-Bromofluorobenzene	98%		80-133%

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T49985-8	Date Sampled:	03/25/10
Matrix:	AQ - Trip Blank Water	Date Received:	03/30/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	CRA: Hobbs		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F024966.D	1	04/04/10	RR	n/a	n/a	VF3815
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	0.0020	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		79-122%
17060-07-0	1,2-Dichloroethane-D4	98%		75-121%
2037-26-5	Toluene-D8	104%		87-119%
460-00-4	4-Bromofluorobenzene	101%		80-133%

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: T49985

Client / Reporting Information

Company Name: Conestoga Rovers and Associates
Project Contact: Rustin Baca | E-Mail: rbaca@craworld.com
Address: 2135 South Loop 250 W
City: Midland | State: Texas | Zip: 79703
Phone No.: 432 686-0086 | Fax No.:
Samplers's Name: Joe Miedos

Project Information

Project Name / No.: DCP Midstream-Hobbs
Bill to: DCP Midstream-Hobbs | Invoice Attn.: Steve Weathers
Address:
City: | State: | Zip:
Phone No.: | Fax No.:
Client Purchase Order #:

Requested Analyses

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Wastewater; SO - Soil; SL - Sludge; OI - Oil; LIQ - Liquid; SOL - Other Solid

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Matrix	# of bottles	Number of preserved bottles: HCl	MeOH	HNO3	H2SO4	EnCore	NaHSO4	NaOH	None	8260BTEX	LAB USE ONLY
1	MW-A	3/25/10	1245	GW	3	3								X	
2	MW-B	3/25/10	1455	GW	3	3								X	
3	MW-C	3/24/10	1462	GW	3	3								X	
4	MW-D	3/25/10	1135	GW	3	3								X	
5	MW-E	3/25/10	1345	GW	3	3								X	
6	MW-F	3/25/10	1210	GW	3	3								X	
7	Duplicate	3/25/10		GW	3	3								X	
8	Trip Blank			GW	3	3								X	
				GW	3	3									

Turnaround Time (Business days)

- [ ] 10 Day *STANDARD* — Approved By / Date:
- [ ] 7 Day
- [ ] 4 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*
- [X] Other — 10 calendar day

Real time analytical data available via Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [X] Commercial "B"
- [ ] Reduced Tier 1
- [ ] Full Data Package
- [ ] TRRP-13
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results & Standard QC

Comments / Remarks

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	Joe Miedos	3/29/10 0135	Rustin Baca			
2				Rustin Baca	3/29/10 1000	
3						
4						3/30/10 0930
5						

Custody Seal #: | Preserved where applicable: ☐ | On Ice: ☑ | Cooler Temp.: 2.4

T49985: Chain of Custody
Page 1 of 3

SAMPLE INSPECTION FORM

Accutest Job Number: T49985 Client: Conestoga Rovers and Associates Date/Time Received: 03/30/10 0930

# of Coolers Received: 1 Thermometer #: IR 2 110 Temperature Adjustment Factor: -0.5

Cooler Temps: #1: 2.4 #2: _____ #3: _____ #4: _____ #5: _____ #6: _____ #7: _____ #8: _____

Method of Delivery: (FEDEX) UPS Accutest Courier Greyhound Delivery Other

Airbill Numbers: _____

COOLER INFORMATION

- [ ] Custody seal missing or not intact
- [ ] Temperature criteria not met
- [ ] Wet ice received in cooler

CHAIN OF CUSTODY

- [ ] Chain of Custody not received
- [ ] Sample D/T unclear or missing
- [ ] Analyses unclear or missing
- [ ] COC not properly executed

SAMPLE INFORMATION

- [ ] Sample containers received broken
- [ ] VOC vials have headspace
- [ ] Sample labels missing or illegible
- [ ] ID on COC does not match label(s)
- [ ] D/T on COC does not match label(s)
- [ ] Sample/Bottles rcvd but no analysis on COC
- [ ] Sample listed on COC, but not received
- [ ] Bottles missing for requested analysis
- [ ] Insufficient volume for analysis
- [ ] Sample received improperly preserved

TRIP BLANK INFORMATION

- [ ] Trip Blank on COC but not received
- [ ] Trip Blank received but not on COC
- [ ] Trip Blank not intact
- [ ] Received Water Trip Blank
- [ ] Received Soil TB

Number of Encores? _____
Number of 5035 kits? _____
Number of lab-filtered metals? _____

Summary of Discrepancies:

TECHNICIAN SIGNATURE/DATE: 03/30/10

INFORMATION AND SAMPLE LABELING VERIFIED BY: 3/30/10

CORRECTIVE ACTIONS

Client Representative Notified: _____ **Date:** _____

By Accutest Representative: _____ **Via:** Phone Email

Client Instructions:

T49985: Chain of Custody
Page 2 of 3

SAMPLE RECEIPT LOG

JOB #: T49985 DATE/TIME RECEIVED: 03/30/10 0930

CLIENT: ORA INITIALS: PF

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
1	1	MW-A	03/25/10 1245	W	40ml	1-3	VR	1 2 3 4 5 6 7 8	<2 >12
↓	2	MW-B	↓ 1425	↓	↓	↓	↓	1 2 3 4 5 6 7 8	<2 >12
	3	MW-C	1402					1 2 3 4 5 6 7 8	<2 >12
	4	MW-D	1135					1 2 3 4 5 6 7 8	<2 >12
	5	MW-E	1310					1 2 3 4 5 6 7 8	<2 >12
	6	MW-F	1210					1 2 3 4 5 6 7 8	<2 >12
	7	Duplicate	—					1 2 3 4 5 6 7 8	<2 >12
	8	Trip Blank	——			1-2		1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
			PF 03/30/10					1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other
LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

T49985: 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

Job Number: T49985
Account: DUKE DCP Midstream, LLC
Project: CRA: Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3815-MB	F024949.D	1	04/04/10	RR	n/a	n/a	VF3815

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

T49985-7, T49985-8

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.55	ug/l	
108-88-3	Toluene	ND	2.0	0.43	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.7	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	79-122%
17060-07-0	1,2-Dichloroethane-D4	96%	75-121%
2037-26-5	Toluene-D8	104%	87-119%
460-00-4	4-Bromofluorobenzene	99%	80-133%

Method Blank Summary

Job Number: T49985
Account: DUKE DCP Midstream, LLC
Project: CRA: Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC369-MB	C0007945.D	1	04/05/10	RR	n/a	n/a	VC369

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

T49985-2, T49985-6

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.55	ug/l	
108-88-3	Toluene	ND	2.0	0.43	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.7	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	106%	79-122%
17060-07-0	1,2-Dichloroethane-D4	95%	75-121%
2037-26-5	Toluene-D8	96%	87-119%
460-00-4	4-Bromofluorobenzene	89%	80-133%

Blank Spike Summary

Job Number: T49985
Account: DUKE DCP Midstream, LLC
Project: CRA: Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC368-BS	C0007914.D	1	04/04/10	RR	n/a	n/a	VC368

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

T49985-1, T49985-3, T49985-4, T49985-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.9	100	76-118
100-41-4	Ethylbenzene	25	23.0	92	75-112
108-88-3	Toluene	25	24.5	98	77-114
1330-20-7	Xylene (total)	75	66.6	89	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	79-122%
17060-07-0	1,2-Dichloroethane-D4	96%	75-121%
2037-26-5	Toluene-D8	101%	87-119%
460-00-4	4-Bromofluorobenzene	91%	80-133%

Blank Spike Summary

Job Number: T49985
Account: DUKE DCP Midstream, LLC
Project: CRA: Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3815-BS	F024947.D	1	04/04/10	RR	n/a	n/a	VF3815

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

T49985-7, T49985-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	22.6	90	76-118
100-41-4	Ethylbenzene	25	21.8	87	75-112
108-88-3	Toluene	25	22.4	90	77-114
1330-20-7	Xylene (total)	75	67.7	90	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	79-122%
17060-07-0	1,2-Dichloroethane-D4	97%	75-121%
2037-26-5	Toluene-D8	104%	87-119%
460-00-4	4-Bromofluorobenzene	98%	80-133%

Blank Spike Summary

Job Number: T49985
Account: DUKE DCP Midstream, LLC
Project: CRA: Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC369-BS	C0007943.D	1	04/05/10	RR	n/a	n/a	VC369

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

T49985-2, T49985-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.7	103	76-118
100-41-4	Ethylbenzene	25	23.9	96	75-112
108-88-3	Toluene	25	25.1	100	77-114
1330-20-7	Xylene (total)	75	67.9	91	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	79-122%
17060-07-0	1,2-Dichloroethane-D4	94%	75-121%
2037-26-5	Toluene-D8	100%	87-119%
460-00-4	4-Bromofluorobenzene	90%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T49985
Account: DUKE DCP Midstream, LLC
Project: CRA: Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T49684-17MS	C0007922.D	1	04/04/10	RR	n/a	n/a	VC368
T49684-17MSD	C0007923.D	1	04/04/10	RR	n/a	n/a	VC368
T49684-17	C0007921.D	1	04/04/10	RR	n/a	n/a	VC368

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

T49985-1, T49985-3, T49985-4, T49985-5

CAS No.	Compound	T49684-17 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	27.9	112	26.3	105	6	76-118/16
100-41-4	Ethylbenzene	ND		25	24.0	96	23.0	92	4	75-112/12
108-88-3	Toluene	ND		25	25.1	100	24.7	99	2	77-114/12
1330-20-7	Xylene (total)	ND		75	68.0	91	66.5	89	2	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T49684-17	Limits
1868-53-7	Dibromofluoromethane	102%	97%	111%	79-122%
17060-07-0	1,2-Dichloroethane-D4	99%	95%	103%	75-121%
2037-26-5	Toluene-D8	100%	101%	96%	87-119%
460-00-4	4-Bromofluorobenzene	82%	83%	80%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T49985
Account: DUKE DCP Midstream, LLC
Project: CRA: Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T49684-1MS	F024954.D	1	04/04/10	RR	n/a	n/a	VF3815
T49684-1MSD	F024955.D	1	04/04/10	RR	n/a	n/a	VF3815
T49684-1	F024953.D	1	04/04/10	RR	n/a	n/a	VF3815

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

T49985-7, T49985-8

CAS No.	Compound	T49684-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	23.9	96	24.0	96	0	76-118/16
100-41-4	Ethylbenzene	ND		25	23.4	94	23.4	94	0	75-112/12
108-88-3	Toluene	ND		25	23.6	94	23.7	95	0	77-114/12
1330-20-7	Xylene (total)	ND		75	71.5	95	71.3	95	0	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T49684-1	Limits
1868-53-7	Dibromofluoromethane	102%	101%	101%	79-122%
17060-07-0	1,2-Dichloroethane-D4	98%	98%	96%	75-121%
2037-26-5	Toluene-D8	103%	104%	104%	87-119%
460-00-4	4-Bromofluorobenzene	98%	97%	100%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T49985
Account: DUKE DCP Midstream, LLC
Project: CRA: Hobbs

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T50047-1MS	C0007953.D	1	04/05/10	RR	n/a	n/a	VC369
T50047-1MSD	C0007954.D	1	04/05/10	RR	n/a	n/a	VC369
T50047-1	C0007952.D	1	04/05/10	RR	n/a	n/a	VC369

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

T49985-2, T49985-6

CAS No.	Compound	T50047-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	67.3		25	108	163* [a]	101	135* [a]	7	76-118/16
100-41-4	Ethylbenzene	ND		25	27.3	109	26.9	108	1	75-112/12
108-88-3	Toluene	ND		25	27.8	111	26.8	107	4	77-114/12
1330-20-7	Xylene (total)	ND		75	76.7	102	75.8	101	1	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T50047-1	Limits
1868-53-7	Dibromofluoromethane	97%	92%	95%	79-122%
17060-07-0	1,2-Dichloroethane-D4	86%	73%*	80%	75-121%
2037-26-5	Toluene-D8	103%	102%	98%	87-119%
460-00-4	4-Bromofluorobenzene	81%	84%	82%	80-133%

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

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

August 18, 2010

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

RE: Supplemental Site Assessment Workplan
DCP Hobbs Gas Plant (GW-175)
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 Supplemental Site Assessment Work Plan for the DCP Hobbs Gas Plant located in Lea County, New Mexico (Unit G, Section 36, Township 18 South, Range 36 East).

Upon your approval of the work plan, DCP will schedule the drilling activities. DCP will notify the OCD at least 48 hours before field activities start.

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: Larry Johnson, OCD Hobbs District Office (Copy on CD)
Environmental Files

SUPPLEMENTAL SITE ASSESSMENT WORKPLAN

DCP HOBBS GAS PLANT
GWf175
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

Siobhan Fackelman
Senior Staff Geologist

John Riggi, P.G.
Senior Project Geologist

AUGUST 2, 2010
REF. NO. 059097 (5)
This report is printed on recycled paper.

Prepared by:
Conestoga-Rovers & Associates

2420 West 26th Ave, Suite 450-D
Denver, CO 80211

Office: 720-975-9120
Fax: 720-975-9150

CONESTOGA-ROVERS
& ASSOCIATES

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CONESTOGA-ROVERS
& ASSOCIATES

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LIST OF TABLES

(Following Text)

1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) is submitting this *Supplemental Site Assessment Workplan* to DCP Midstream, LP (DCP) for the Hobbs Gas Plant in Lea County, New Mexico. Additional site characterization is required to delineate the benzene plume to the southeast. CRA proposes to install two groundwater monitoring wells.

This workplan was prepared in accordance with the New Mexico Oil Conservation Division's (NMOCD) August 13, 1993 *Guidelines for Remediation of Leaks, Spills, and Releases.* The site background, proposed scope of work and schedule are described below.

2.0 SITE BACKGROUND

2.1 SITE CHARACTERIZATION

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 Apex Compressor Station is located approximately 750 feet (ft) north of the Hobbs Gas Plant. There are six groundwater monitoring wells onsite (Figure 2).

2.2 PREVIOUS INVESTIGATIONS

Maxim Technologies Incorporated conducted a subsurface investigation in 2000. No petroleum hydrocarbons were detected above cleanup levels in any collected soil sample. In 2004, Arcadis completed six monitoring wells MW-A through MW-F to determine if petroleum hydrocarbons were present in groundwater. The maximum benzene concentration detected in groundwater was 47 micrograms per liter (µg/l).

No total petroleum hydrocarbons as gasoline range organics (TPH-GRO) or benzene, toluene, ethylbenzene or xylenes (BTEX) were detected in soil above NMOCD regulatory cleanup levels.

2.3 CONSTITUENTS OF CONCERN AND CLEANUP LEVELS

The NMOCD guidelines require groundwater to be analyzed for potential constituents of concern (COC) as defined by the NMWQCC regulations. The COC in site groundwater is benzene. NMWQCC human heath standards for groundwater (*Title 20, Chapter 6, Part 2, Section 3103, Subsection A*) are:

Analyte	NMWQCC Standard for Groundwater (µg/l)
Benzene	10
Toluene	750
Ethylbenzene	750
Total Xylenes	620

2.4 REGIONAL GEOLOGY

Bedrock in the Hobbs area consists primarily of the Tertiary Ogallala Formation. The Ogallala Formation is generally composed of unconsolidated and poorly sorted gravel, sand, silt and clay deposited by ancient streams flowing east out of the Rocky Mountains. The local Tertiary Ogallala Formation is underlain by less permeable Jurassic and Triassic sedimentary rocks, primarily shale and sandstone.

2.5 SITE LITHOLOGY

Subsurface sediments are dominated by the Amarillo-Arvana association, which is composed of sandy alluvium and wind-deposited sediments. These sediments include a fine sandy loam or loamy fine sand underlain by sandy clay loam. The Amarillo-Arvana association overlies sand, silt, clay and gravel, which overlies a caliche layer associated with the Ogallala Formation.

2.6 HYDROGEOLOGY

Historical static groundwater depths have ranged between 60.18 (MW-A) and 62.44 ft below ground surface (ft bgs) (MW-F). Groundwater flows to the southeast with a general gradient of 0.0043 ft/ft.

2.7 SURFACE WATER BODIES

An unnamed intermittent watercourse is located approximately ½ mile crossgradient southwest of the site. Based on distance and local topography it is unlikely that the watercourse has been affected by site activities.

2.8 SENSITIVE RECEPTORS

One onsite water production well (Well Number L07843) supplies water for the gas plant. The onsite well was sampled in 2004; no benzene was detected in groundwater above cleanup levels. There are 20 registered wells within one mile of the site. The nearest well is approximately 900 ft south of the site (Well Number L03079). This well is used for prospecting or development of natural resources. Based on distance and local topography it is unlikely that this well has been affected by site activities. Wells within one mile radius are presented on Table 1.

2.9 PETROLEUM HYDROCARBON DISTRIBUTION

Soil

The 2004 soil sample contained no TPH-GRO or BTEX above regulatory cleanup levels.

Groundwater

Groundwater data from site monitoring wells MW-A, MW-D, MW-E, and MW-F have delineated petroleum hydrocarbon impact to the northwest, west, south, and east, respectively. The site has not been delineated to the southeast. Benzene has historically been above cleanup levels in monitoring wells MW-B and MW-C. Xylenes have exceeded groundwater cleanup levels in well MW-B

3.0 PROPOSED SCOPE OF WORK

3.1 WELL INSTALLATION RATIONALE

Petroleum hydrocarbon concentrations in monitoring wells MW-A, MW-D, MW-E and MW-F have been below NMWQCC groundwater cleanup levels since June 2008. Groundwater samples collected from wells MW-B and MW-C have historically contained benzene and/or xylene concentrations above cleanup levels since March 2008. CRA proposes to install two groundwater monitoring wells to delineate the southeast extent of petroleum hydrocarbon impact (Figure 2).

One monitoring well will be installed near the northeast corner of the computer building to assess groundwater downgradient of MW-C. Groundwater quality downgradient of MW-B will be assessed by installing a well south-southwest of the computer building.

3.2 PRE-FIELD COORDINATION

CRA will coordinate site activities with all associated laboratories, contractors, and DCP. CRA will conduct a pre-field safety meeting with DCP and all appropriate parties prior to the start of field work.

Underground Utility Location
CRA will notify New Mexico One Call prior to drilling to clear boring locations with utility companies. A hydrovac truck will clear monitoring well locations to 5 ft bgs.

Site Health and Safety Plan (HASP)
CRA will prepare a HASP to inform all site workers of known hazards and provide health and safety guidance. CRA will review DCP and CRA safety protocols at daily tailgate meetings. A journey management plan will be prepared to address any safety concerns associated with traffic routes and onsite parking.

3.3 DRILLING AND SAMPLING

A trained geologist will supervise the drilling. One boring will be logged continuously to the total explored depth; the remaining borings will be logged in 5 ft intervals. Soil samples will be collected for analyses based on lithological changes, signs of subsurface impact, and the capillary fringe. Soil samples will be screened with a photoionization detector (PID) and described using the Unified Soil Classification System.

Monitoring Well Installation
The boring will be advanced to approximately 10 ft below first encountered groundwater and completed as a 2 inch well, screened from 5 ft above to 10 ft below the potentiometric surface. The well will be constructed of Schedule 40 PVC with a 0.010 inch slotted screen. The well annulus will have a filter pack of clean silica sand from 1 ft below the screen bottom to 2 ft above the screen top. Above the filter pack the well annulus will have a 3 ft thick bentonite seal covered by bentonite grout to within 3 inches of the ground surface. The monitoring well will be sealed in a flush mount well vault and completed with a concrete well pad to match the existing grade.

Monitoring Well Development

The groundwater monitoring well will be developed by surge block agitation and submersible groundwater pump evacuation. Turbidity, pH, dissolved oxygen, temperature, and specific conductivity will be measured during evacuation. CRA will develop the wells no sooner than 24 hours following installation.

Soil Analytical Methods

Select soil samples will be analyzed for:

- TPH by SW-846 8015B
- BTEX by SW-846 8021B

Investigation Derived Waste Disposal

Soil cuttings produced during drilling will be temporarily stored onsite in 55-gallon United States Department of Transportation (USDOT) approved drums with appropriate labeling. Soil cuttings will be transported to a treatment and disposal facility following review of laboratory analytical results and disposal approval from DCP. Groundwater purged during well development will be temporarily stored in a USDOT approved polydrum. Purged groundwater will be transported and disposed of at the DCP Linam Ranch facility. Drums will be labeled with contents, date of generation, generator identification and consultant contact information.

3.4 REPORTING

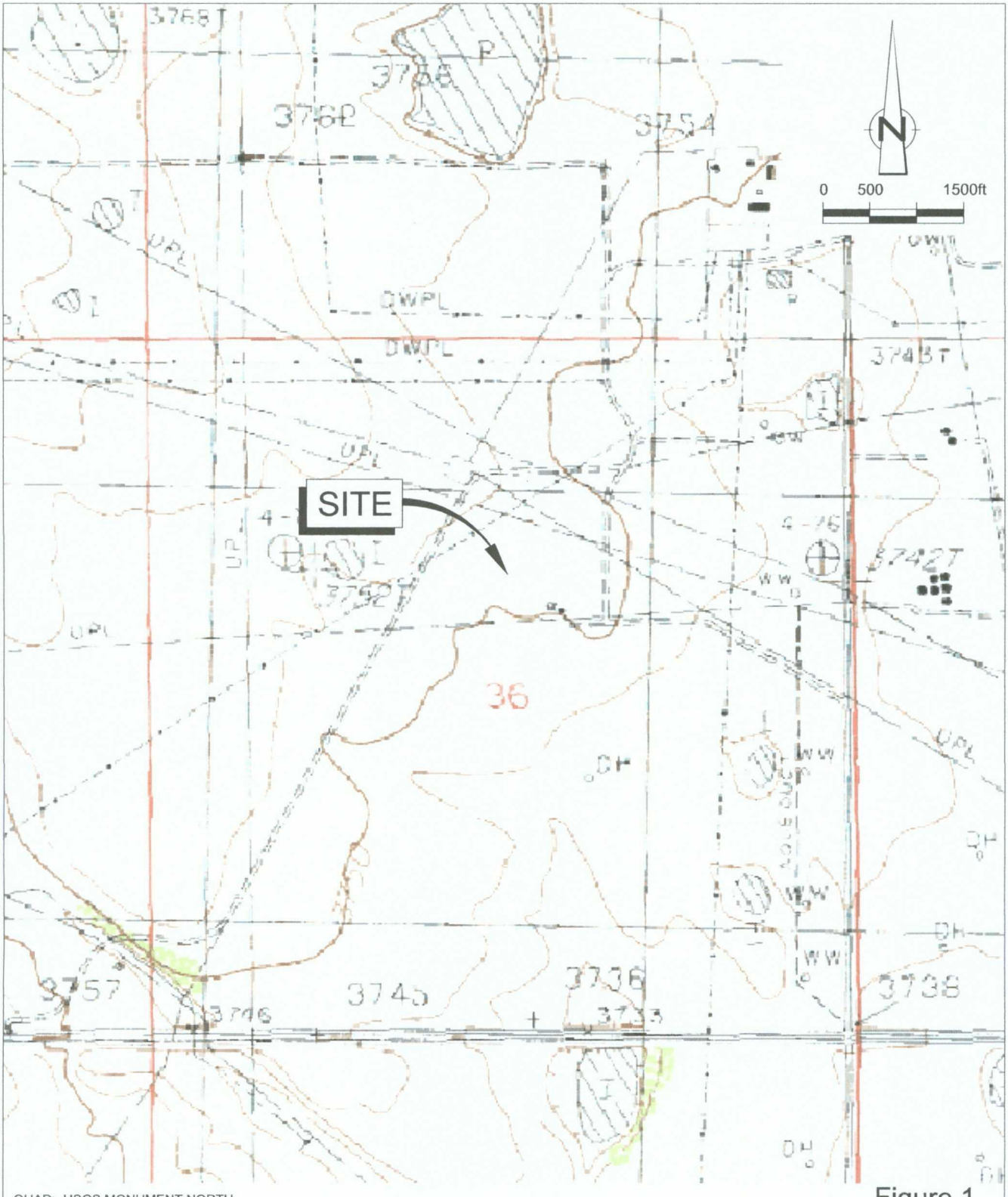
CRA will prepare a Supplemental Site Assessment Report presenting the investigation results and recommendations. The report, at a minimum, will contain:

- Summary of the site background and history
- Descriptions of drilling and soil sampling methods
- Descriptions of well installation methods
- Boring logs
- Figures and tables
- Analytical reports and chain-of-custody forms
- Soil and groundwater disposal methods
- Discussion of petroleum hydrocarbon distribution in soil
- Conclusions

FIGURES

FIGURE 1: VICINITY MAP

FIGURE 2: PROPOSED BORING LOCATION MAP



QUAD: USGS MONUMENT NORTH

Figure 1

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

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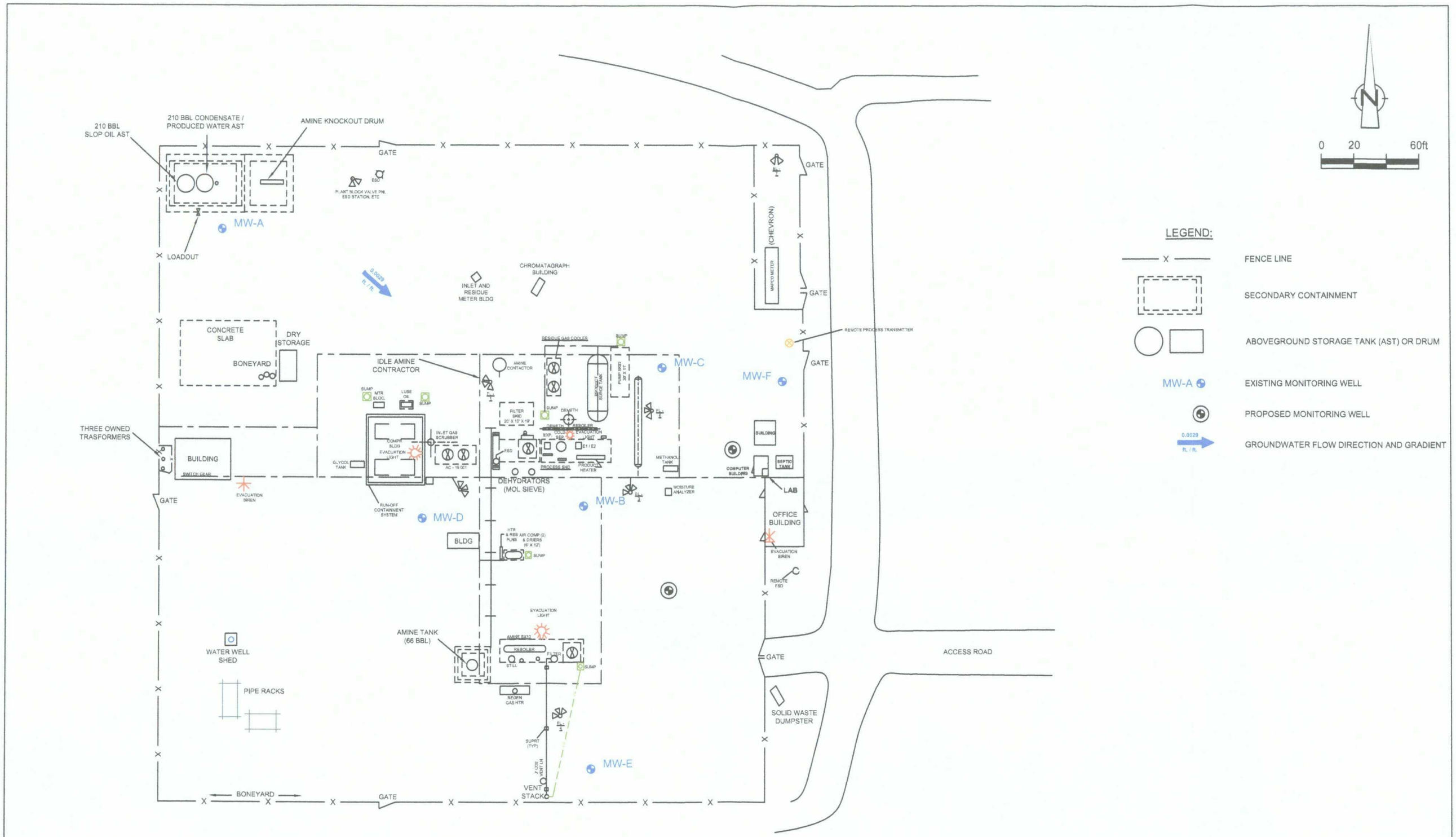

figure 2

PROPOSED MONITORING WELL LOCATION MAP
DCP HOBBS GAS PLANT
LEA COUNTY, NEW MEXICO
DCP Midstream

TABLES

TABLE 1: WELLS WITHIN ONE MILE RADIUS

Table 1. **Wells Within a One-Mile Radius** - Hobbs Gas Plant, Lea County, New Mexico

Well Number	Use	Township	Range	Section	Easting	Northing	Start Date	Finish Date	Well Depth ft bgs	Depth to Water ft bgs
L03079	PRO	18S	36E	36	658865	3619347	1/10/1956	1/11/1956	122	65
L03079 APPRO	PRO	18S	36E	36	658865	3619347	1/10/1956	1/11/1956	122	65
L 03153	PRO	18S	37E	31	660281	3619562	3/29/1956	3/30/1956	140	70
L 03153 APPRO	PRO	18S	37E	31	660281	3619562	3/29/1956	3/30/1956	140	70
L 03166	PRO	18S	37E	31	660066	3619769	4/8/1956	4/9/1956	108	35
L 03166 APPRO	PRO	18S	37E	31	660066	3619769	4/8/1956	4/9/1956	108	35
L 03792	PRO	18S	36E	1	659289	3618146	2/6/1958	2/7/1958	106	47
L 0379 APPRO	PRO	18S	36E	1	659289	3618146	2/6/1958	2/7/1958	106	47
L 04665	PRO	18S	36E	25	658830	3621358	6/23/1961	6/23/1961	125	60
L 04665 (1) EXP	PRO	18S	36E	25	658830	3621358	NR	NR	0	0
L 04665 (2) EXP	PRO	18S	36E	25	658830	3621358	NR	NR	0	0
L 04665 (3) EXP	PRO	18S	36E	25	658830	3621358	NR	NR	0	0
L 04665 (4) EXP	PRO	18S	36E	25	658830	3621358	NR	NR	0	0
L 04665 APPRO	PRO	18S	36E	25	658830	3621358	6/23/1961	6/23/1961	125	60
L 05176	IND	18S	36E	25	659045	3620754	2/1/1965	2/10/1965	206	84
L 05189	PRO	18S	37E	31	659657	3620165	7/12/1963	7/13/1963	120	65
L 05189 (1)	PRO	18S	37E	31	659657	3620165	NR	NR	0	0
L 05189 (2) EXP	PRO	18S	37E	31	659657	3620165	NR	NR	0	0
L 05509	PRO	18S	36E	25	659247	3620560	12/4/1964	12/5/1964	103	45
L 07843	SAN	18S	36E	36	658757	3619648	7/25/1978	8/1/1978	181	55

Notes and Abbreviations:
ft bgs = feet below ground surface
PRO = 72-12-1 Prospecting or development of natur
IND = Industrial
SAN = 72-12-0 Sanitary in conjucntion with a commercial use
NR = Not reported
Information source: New Mexico State Engineer Office W.A.T.E.R.S. program
Table based on information from Arcadis Stage 1 Abatement Plan, November 2004