

# **GW-175**

**3<sup>rd</sup> QTR GW Mon. Report**

**DATE:  
2009**



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

November 9, 2009

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

RECEIVED OCD  
2009 NOV 10 A 10:44

**RE: 3rd Quarter 2009 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 3rd Quarter 2009 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).

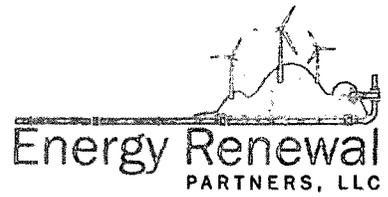
If you have any questions regarding the report, please call at 303-605-1718 or e-mail me [swweathers@dcpmidstream.com](mailto:swweathers@dcpmidstream.com).

Sincerely

**DCP Midstream, LP**

Stephen Weathers, P.G.  
Principal Environmental Specialist

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



GW-175  
Hobbs Gas Plant  
Groundwater  
Monitoring Report

Third Quarter 2009

Prepared for: DCP Midstream, LP

October 2009

**Groundwater  
Monitoring Report**

Hobbs Gas Plant  
Former Discharge Permit # GW-175



---

Lauren Sicarelli  
Staff Scientist



---

Trisha Elizondo  
Project Manager

Prepared for:  
DCP Midstream, LP

Prepared by:



**Energy Renewal**  
PARTNERS, LLC

2705 Bee Caves Road, Suite 340  
Austin, TX 78746

Our Ref.:  
DCP0009

Date:  
October 20, 2009



## Table of Contents

1. Site Location and Background .....	1
2. Groundwater Monitoring .....	1
2.1 Groundwater Elevation Monitoring .....	1
2.2 Groundwater Quality Monitoring .....	1
3. Summary and Conclusions .....	2

### Tables

1	Summary of Groundwater Elevations
2	Summary of BTEX Concentrations in Groundwater
3	Summary of Field Parameters in Groundwater

### Figures

1	Site Location Map
2	Site Plan
3	Potentiometric Surface Map – September 1, 2009
4	Distribution of Petroleum Hydrocarbons in Groundwater – September 1, 2009

### Appendices

A	Laboratory Analytical Results
---	-------------------------------



## 1. Site Location and Background

Energy Renewal Partners, LLC (Energy Renewal) is submitting to DCP Midstream, LP (DCP) the results of quarterly groundwater monitoring activities from the third quarter of 2009 (Q3 2009) at the Hobbs Gas Plant Site (the site) (GW-175) in Lea County, New Mexico (Figure 1). The approximate center of the site is located at latitude 32.7053 and longitude -103.3066, approximately nine miles west of Hobbs, New Mexico. The site occupies approximately 3.5 acres of land.

Currently, the site is configured as a cryogenic processing plant with a laboratory, an amine unit, compressors, sumps, mol sieve dehydration, and tank batteries. The plant also has an on-site water production well that is used for non-potable water. The site is generally surrounded by undeveloped land. The Apex Compressor Station is located approximately 750 feet north of the Hobbs Gas Plant. The ownership of the Hobbs Gas Plant was transferred from ConocoPhillips (COP) to Duke Energy Field Services (DEFS) on March 10, 2004. DEFS changed its name to DCP in January 2007.

## 2. Groundwater Monitoring

Energy Renewal conducted quarterly groundwater monitoring at the Hobbs Gas Plant on September 1, 2009. Monitoring included the measurement of groundwater elevations and the collection of groundwater samples from each of the site network of six monitoring wells (Figure 2). Water quality samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8260B.

### 2.1 Groundwater Elevation Monitoring

Groundwater elevation measurements were taken by Energy Renewal on September 1, 2009 (Table 1). Figure 3 illustrates the potentiometric groundwater surface during the Q3 2009 monitoring event. Depth to groundwater ranged from 60.37 to 62.18 feet below top of casing. The groundwater flow at the site was generally to the southeast with an average groundwater gradient of 0.005 feet per foot (ft/ft), consistent with previous measurements. Groundwater elevation contours constructed using the September 2009 measurements are provided on Figure 3.

### 2.2 Groundwater Quality Monitoring

Prior to sampling, wells were purged a minimum of three well volumes to ensure the collection of a representative sample. Groundwater samples were collected using disposable polyethylene bailers, placed in laboratory supplied containers, and packed and shipped in accordance with accepted practices to Accutest Laboratories (Accutest), a National Environmental Laboratory Accreditation Conference accredited laboratory in Houston, Texas, for analysis.

Table 2 summarizes BTEX concentrations in the groundwater collected from 2008 through the September 2009 event. Laboratory analytical reports for the Q3 event are included in Appendix A. The most recent BTEX concentrations are illustrated on Figure 4. Field parameters are included in Table 3.

The Q3 2009 analytical results are summarized below.

- Benzene was detected at concentrations above the New Mexico Oil Conservation Division (OCD) standard of 10 micrograms per liter (ug/L) at two monitoring wells. The detected concentrations of benzene were 1,420 ug/L at MWB and 82.8 ug/L at MWC.
- Toluene, ethylbenzene, and xylenes were not detected above the EPA Maximum Contaminant Level (MCL) of 1,000 ug/L, 700 ug/L, and 10,000 ug/L, respectively, in any of the samples submitted for analysis.
- Measureable PSH has not been detected at the site.

### **3. Summary and Conclusions**

The dissolved hydrocarbon impacts remain limited in extent at the Hobbs Gas Plant Site. DCP will continue to collect quarterly groundwater samples. Results of fourth quarter 2009 monitoring will be presented in the Q4 2009 Monitoring Report.

Table 1. Summary of Groundwater Elevations  
Hobbs Gas Plant  
DCP Midstream, LP

Well ID	Survey Data (feet)				Sample Date	Liquid Level Data (feet)			
	Easting	Northing	Top of Casing	Well Depth (btoc)		Depth to Water	Depth to PSH	PSH Thickness	Corrected Groundwater Elevation
MWA	858627.79	622187.48	3,755.87	71.01	9/1/2009	60.37	-	-	3,695.50
					6/25/2009	60.21	-	-	3,695.66
					2/27/2009	60.18	-	-	3,695.69
					12/3/2008	60.41	-	-	3,695.46
					9/15/2008	60.58	-	-	3,695.29
					6/2/2008	60.19	-	-	3,695.68
					3/3/2008	60.18	-	-	3,695.69
MWB	857051.22	622018.88	3,755.94	70.96	9/1/2009	61.81	-	-	3,694.13
					6/25/2009	61.63	-	-	3,694.31
					2/27/2009	61.68	-	-	3,694.26
					12/3/2008	61.93	-	-	3,694.01
					9/15/2008	62.04	-	-	3,693.90
					6/2/2008	61.69	-	-	3,694.25
					3/3/2008	61.66	-	-	3,694.28
MWC	857099.75	622104.39	3,755.59	75.02	9/1/2009	61.35	-	-	3,694.24
					6/25/2009	61.16	-	-	3,694.43
					2/27/2009	61.15	-	-	3,694.44
					12/3/2008	61.48	-	-	3,694.11
					9/15/2008	61.54	-	-	3,694.05
					6/2/2008	61.22	-	-	3,694.37
					3/3/2008	61.18	-	-	3,694.41
MWD	856951.32	622011.72	3,755.43	70.02	9/1/2009	60.96	-	-	3,694.47
					6/25/2009	60.77	-	-	3,694.66
					2/27/2009	60.79	-	-	3,694.64
					12/3/2008	61.08	-	-	3,694.35
					9/15/2008	61.10	-	-	3,694.33
					6/2/2008	60.77	-	-	3,694.66
					3/3/2008	60.77	-	-	3,694.66
MWE	857056.07	621858.61	3,754.36	71.55	9/1/2009	60.93	-	-	3,693.43
					6/25/2009	60.74	-	-	3,693.62
					2/27/2009	60.81	-	-	3,693.55
					12/3/2008	61.13	-	-	3,693.23
					9/15/2008	61.21	-	-	3,693.15
					6/2/2008	60.78	-	-	3,693.58
					3/3/2008	60.75	-	-	3,693.61
MWF	857173.90	622096.40	3,756.13	74.65	9/1/2009	62.18	-	-	3,693.95
					6/25/2009	61.96	-	-	3,694.17
					2/27/2009	61.97	-	-	3,694.16
					12/3/2008	62.22	-	-	3,693.91
					9/15/2008	62.44	-	-	3,693.69
					6/2/2008	62.06	-	-	3,694.07
					3/3/2008	62.01	-	-	3,694.12

Notes:

PSH: Phase-Separated Hydrocarbon

-: No data

btoc: below top of casing

Table 2. Summary of BTEX and TPH Concentrations in Groundwater  
Hobbs Gas Plant  
DCP Midstream, LP

Well ID	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylenes
		ug/L			
NM OCD Standard		10	1,000	700	10,000
MWA	9/1/2009	< 2.0	< 2.0	< 2.0	< 6.0
	6/25/2009	< 2.0	< 2.0	< 2.0	< 6.0
	2/27/2009	< 0.46	< 0.48	< 0.45	< 1.4
	12/3/2008	< 0.46	< 0.48	< 0.45	< 1.4
	9/15/2008	< 0.46	< 0.48	< 0.45	< 1.4
	6/2/2008	< 0.46	< 0.48	< 0.45	< 1.4
	3/5/2008	11	< 5.0	3.8	15.0
MWB	9/1/2009	1,420	195	380	2,930
	6/25/2009	1,490	270	411	2,750
	2/27/2009	592	86.3	176	1,230
	12/3/2008	25.6	0.56 J	7.1	29.2
	9/15/2008	488	46.0	200	1,210
	9/15/2009	398	36.6	157	947
	6/2/2008	444	86.5	155	716
	3/5/2008	550	64	130	730
MWC	9/1/2009	82.8	1.3 J	23.1	132
DUP	9/1/2009	71.5	1.0 J	19.8	110
	6/25/2009	54.3	0.72 J	11.9	53.0
DUP	6/25/2009	64.2	0.87 J	19.0	82.4
	2/27/2009	69.9	0.78 J	20.1	86.8
DUP	2/27/2009	36.6	< 0.48	10.0	43.3
	12/3/2008	39.0	< 0.48	10.5	33.3
	12/3/2008	50.6	< 0.48	13.6	44.5
DUP	9/15/2008	130	5.7	47.3	222
	6/2/2008	75.4	4.9	26.3	121
	6/2/2008	103	8.1	36.9	170
DUP	3/5/2008	61	5.3	19.0	78.0
	3/5/2008	160	< 25	160	140
MWD	9/1/2009	< 2.0	< 2.0	< 2.0	< 6.0
	6/25/2009	< 2.0	< 2.0	< 2.0	< 6.0
	2/27/2009	< 0.46	< 0.48	< 0.45	< 1.4
	12/3/2008	< 0.46	< 0.48	< 0.45	< 1.4
	9/15/2008	< 0.46	< 0.48	< 0.45	< 1.4
	6/2/2008	< 0.46	< 0.48	< 0.45	< 1.4
	3/5/2008	< 1.0	< 5.0	< 1.0	< 3.0
MWE	9/1/2009	< 2.0	< 2.0	< 2.0	< 6.0
	6/25/2009	< 2.0	< 2.0	< 2.0	< 6.0
	2/27/2009	< 0.46	< 0.48	< 0.45	< 1.4
	12/3/2008	< 0.46	< 0.48	< 0.45	< 1.4
	9/15/2008	< 0.46	< 0.48	< 0.45	< 1.4
	6/2/2008	< 0.46	< 0.48	< 0.45	< 1.4
	3/5/2008	14	< 5.0	3.9	14
MWF	9/1/2009	< 2.0	< 2.0	< 2.0	< 6.0
	6/25/2009	< 2.0	< 2.0	< 2.0	< 6.0
	2/27/2009	< 0.46	< 0.48	< 0.45	< 1.4
	12/3/2008	< 0.46	< 0.48	< 0.45	< 1.4
	9/15/2008	< 0.46	< 0.48	< 0.45	< 1.4
	6/2/2008	< 0.46	< 0.48	< 0.45	< 1.4
	3/5/2008	1.9	< 5.0	< 1.0	3.8

Notes:

ug/L: micrograms per liter

mg/L: milligrams per liter

J: indicates estimated value provided by laboratory

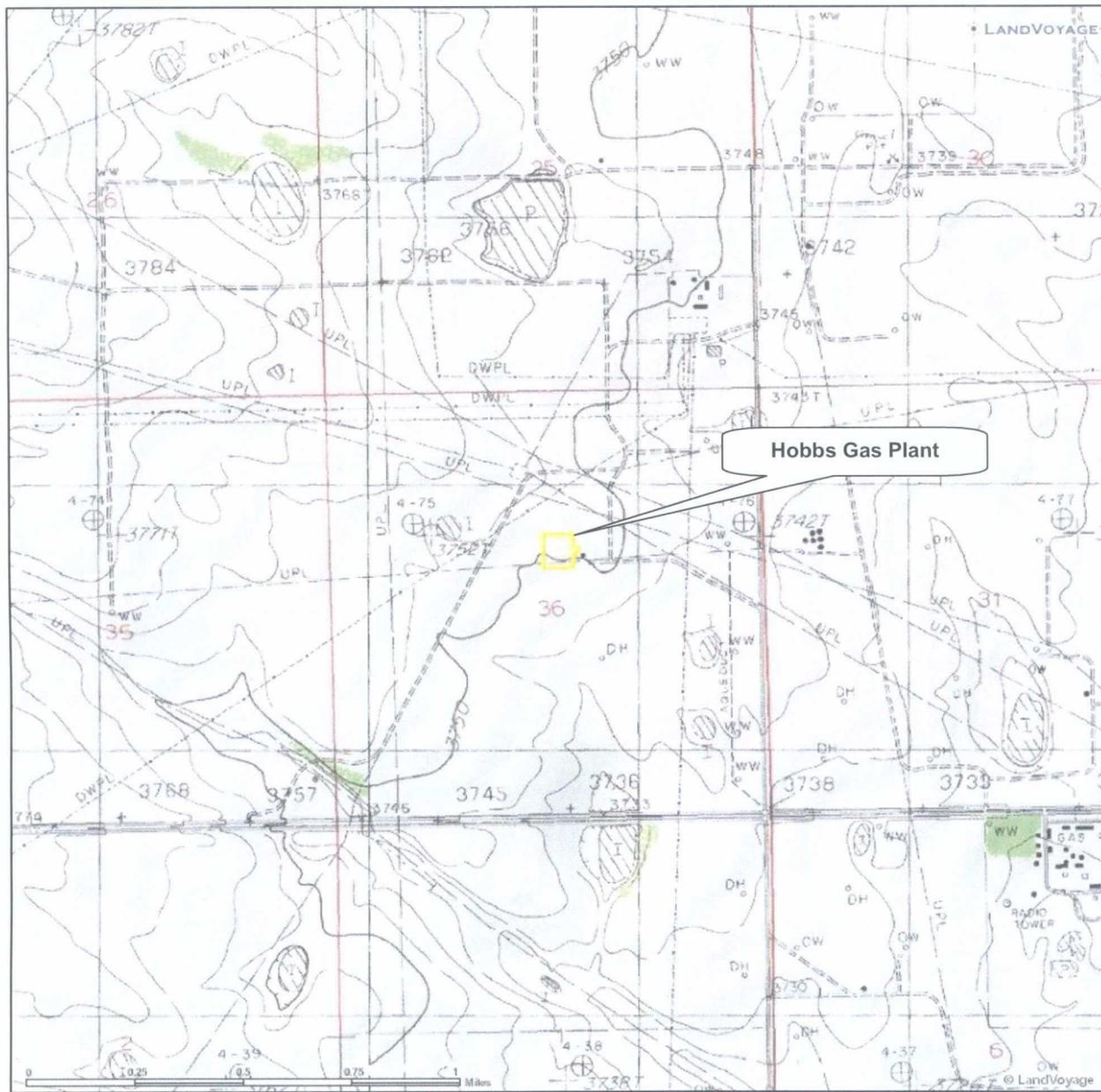
DUP: duplicate

Table 3. Summary of Field Parameters in Groundwater  
Hobbs Gas Plant  
DCP Midstream, LP

Well ID	Sample Date	pH	Conductivity	Temperature	Dissolved Oxygen	RedOx Potential
		(s.u.)	(uS/cm)	(°C)	(mg/L)	(mV)
MWA	9/1/2009	7.07	0.670	19.86	8.11	69.0
	6/25/2009	6.90	0.660	19.80	8.20	145.0
	2/27/2009	7.29	0.505	19.34	8.15	64.1
	12/3/2008	7.37	0.505	18.20	7.17	183.9
	9/15/2008	6.81	0.533	19.27	4.96	238.7
	6/2/2008	7.31	0.573	20.57	5.49	31.1
	3/5/2008	7.20	0.431	17.46	11.42	21.3
MWB	9/1/2009	6.60	0.130	20.36	1.92	-206.0
	6/25/2009	6.60	0.130	19.80	2.50	-131.0
	2/27/2009	6.87	0.921	18.83	0.96	-115.7
	12/3/2008	6.93	0.889	18.39	1.57	-161.4
	9/15/2008	6.60	0.902	19.63	0.56	-151.6
	6/2/2008	7.08	0.868	19.99	1.09	-150.1
	3/5/2008	6.67	0.836	16.99	2.49	-214.1
MWC	9/1/2009	6.78	0.990	19.27	2.66	40.0
	6/25/2009	6.60	0.760	19.60	4.42	54.0
	2/27/2009	6.90	0.614	18.56	1.96	-8.7
	12/3/2008	6.88	0.621	18.24	2.31	-17.8
	9/15/2008	6.51	0.679	18.99	1.97	160.3
	6/2/2008	6.90	0.781	20.00	2.64	-121.2
	3/5/2008	6.91	0.535	17.46	6.50	-104.1
MWD	9/1/2009	6.81	0.860	19.90	6.11	118.0
	6/25/2009	6.70	0.820	20.10	6.38	177.0
	2/27/2009	7.01	0.589	19.59	7.22	77.1
	12/3/2008	7.09	0.587	17.95	5.46	175.5
	9/15/2008	6.64	0.646	19.42	3.65	233.1
	6/2/2008	7.13	0.668	19.99	5.39	29.2
	3/5/2008	6.85	0.507	17.23	9.66	22.5
MWE	9/1/2009	6.84	0.780	20.94	5.95	16.0
	6/25/2009	6.80	0.270	20.10	5.19	60.0
	2/27/2009	7.01	0.590	19.10	6.29	91.2
	12/3/2008	7.03	0.592	18.58	5.25	186.2
	9/15/2008	6.74	0.601	19.27	4.02	228.3
	6/2/2008	7.07	0.633	19.91	3.72	9.4
	3/5/2008	6.89	0.487	17.29	8.99	38.4
MWF	9/1/2009	6.51	0.110	19.25	5.27	108.0
	6/25/2009	6.20	0.100	19.80	5.56	221.0
	2/27/2009	6.77	0.857	18.61	3.85	93.4
	12/3/2008	6.76	0.917	17.79	3.79	188.4
	9/15/2008	6.43	0.876	19.17	2.52	234.3
	6/2/2008	6.76	0.879	19.00	3.08	21.4
	3/5/2008	6.76	0.657	17.01	9.71	3.6

Notes:

ORP = Oxidation-reduction potential  
s.u. = Standard unit  
uS/cm = microSiemens per centimeter  
°C = Degree Celsius  
mg/L = Milligrams per liter  
mV = Millivolts



**FIGURE 1, SITE LOCATION MAP**

DCP MIDSTREAM LP

Hobbs Gas Plant

SWNE 36, T18S, R36E, NMPM

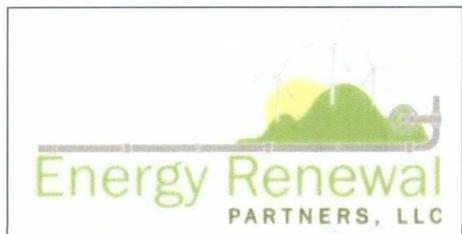
Lea County, New Mexico

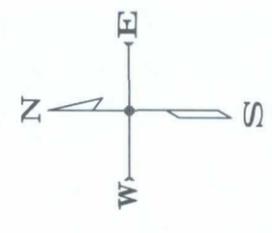
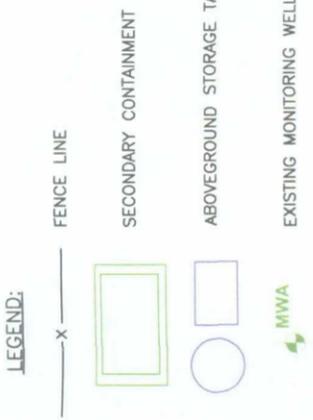
USGS 1:24,000 Topographic Map,

Monument North Quadrangle

Approximately 3.5 acres as drawn,

Centered at approximately 32.70533, -103.3066





APPROXIMATE SCALE IN FEET

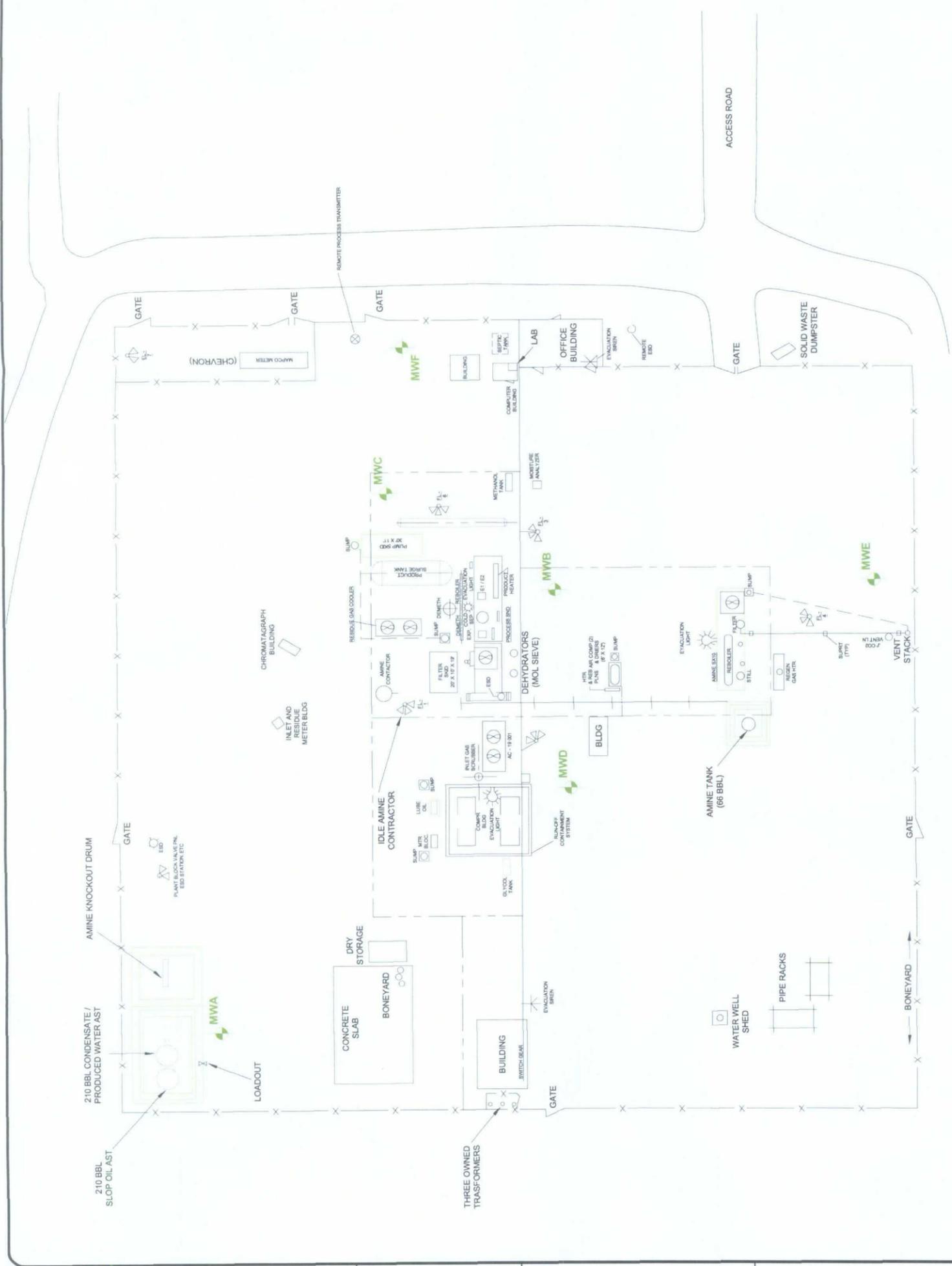


FIGURE 2  
Site Map  
HOBBS GAS PLANT  
Lea County, New Mexico





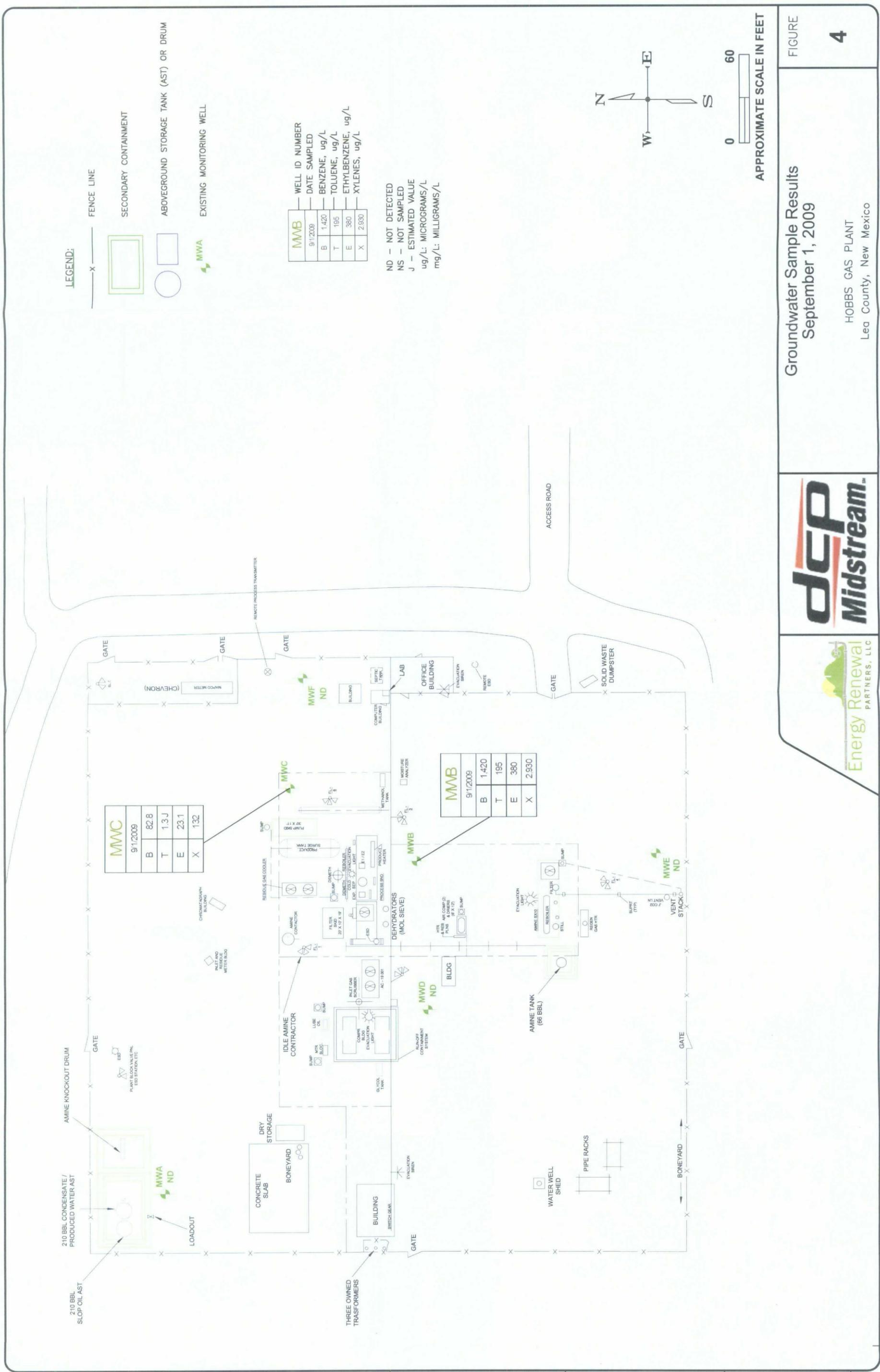
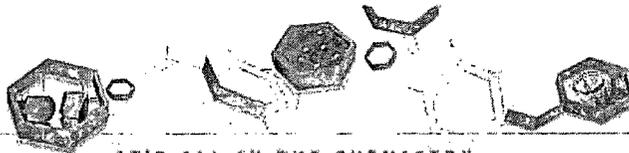


FIGURE 4



IT'S ALL IN THE CHEMISTRY

09/25/09

Technical Report for

DCP Midstream, LLC

ERPTXAU: Hobbs

Accutest Job Number: T37020

Sampling Date: 09/01/09



Report to:

Energy Renewal Partners, LLC

Isicarelli@energyrenewalpartners.com

ATTN: Lauren Sicarelli

Total number of pages in report: 16



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

Client Service contact: Georgia Jones 713-271-4700

Certifications: TX (T104704220-06-TX) AR (88-0756) FL (E87628) KS (E-10366) LA (85695/04004)  
OK (9103) UT(7132714700)

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.  
Test results relate only to samples analyzed.

# Table of Contents

Sections:

-1-

<b>Section 1: Sample Summary .....</b>	<b>3</b>
<b>Section 2: Sample Results .....</b>	<b>4</b>
2.1: T37020-1: MW-A .....	5
2.2: T37020-2: MW-B .....	6
2.3: T37020-3: MW-C .....	7
2.4: T37020-4: MW-D .....	8
2.5: T37020-5: MW-E .....	9
2.6: T37020-6: MW-F .....	10
2.7: T37020-7: DUP1 .....	11
2.8: T37020-8: TRIP BLANK .....	12
<b>Section 3: Misc. Forms .....</b>	<b>13</b>
3.1: Chain of Custody .....	14

### Sample Summary

DCP Midstream, LLC

Job No: T37020

ERPTXAU: Hobbs

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
T37020-1	09/01/09	10:40 KT	09/04/09	AQ	Ground Water	MW-A
T37020-2	09/01/09	12:50 KT	09/04/09	AQ	Ground Water	MW-B
T37020-3	09/01/09	10:00 KT	09/04/09	AQ	Ground Water	MW-C
T37020-4	09/01/09	11:30 KT	09/04/09	AQ	Ground Water	MW-D
T37020-5	09/01/09	12:10 KT	09/04/09	AQ	Ground Water	MW-E
T37020-6	09/01/09	09:15 KT	09/04/09	AQ	Ground Water	MW-F
T37020-7	09/01/09	00:00 KT	09/04/09	AQ	Ground Water	DUP1
T37020-8	09/01/09	00:00 KT	09/04/09	AQ	Trip Blank Water	TRIP BLANK



IT'S ALL IN THE CHEMISTRY

**Sample Results**

---

**Report of Analysis**

---

**Report of Analysis**

<b>Client Sample ID:</b> MW-A	<b>Date Sampled:</b> 09/01/09
<b>Lab Sample ID:</b> T37020-1	<b>Date Received:</b> 09/04/09
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Method:</b> SW846 8260B	
<b>Project:</b> ERPTXAU: Hobbs	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0003077.D	1	09/10/09	AP	n/a	n/a	VC136
Run #2							

Run #	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	96%		79-122%
17060-07-0	1,2-Dichloroethane-D4	97%		75-121%
2037-26-5	Toluene-D8	94%		87-119%
460-00-4	4-Bromofluorobenzene	81%		80-133%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 RL = Reporting Limit      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> MW-B	<b>Date Sampled:</b> 09/01/09
<b>Lab Sample ID:</b> T37020-2	<b>Date Received:</b> 09/04/09
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Method:</b> SW846 8260B	
<b>Project:</b> ERPTXAU: Hobbs	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0003089.D	25	09/10/09	AP	n/a	n/a	VC136
Run #2							

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

### Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.42	0.050	0.012	mg/l	
108-88-3	Toluene	0.195	0.050	0.011	mg/l	
100-41-4	Ethylbenzene	0.380	0.050	0.014	mg/l	
1330-20-7	Xylene (total)	2.93	0.15	0.042	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		79-122%
17060-07-0	1,2-Dichloroethane-D4	98%		75-121%
2037-26-5	Toluene-D8	97%		87-119%
460-00-4	4-Bromofluorobenzene	84%		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

**Report of Analysis**

<b>Client Sample ID:</b> MW-C	<b>Date Sampled:</b> 09/01/09
<b>Lab Sample ID:</b> T37020-3	<b>Date Received:</b> 09/04/09
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Method:</b> SW846 8260B	
<b>Project:</b> ERPTXAU: Hobbs	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0003083.D	1	09/10/09	AP	n/a	n/a	VC136
Run #2							

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

**Purgeable Aromatics**

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0828	0.0020	0.00050	mg/l	
108-88-3	Toluene	0.0013	0.0020	0.00043	mg/l	J
100-41-4	Ethylbenzene	0.0231	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	0.132	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		79-122%
17060-07-0	1,2-Dichloroethane-D4	96%		75-121%
2037-26-5	Toluene-D8	97%		87-119%
460-00-4	4-Bromofluorobenzene	81%		80-133%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 RL = Reporting Limit      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

### Report of Analysis

<b>Client Sample ID:</b> MW-D	<b>Date Sampled:</b> 09/01/09
<b>Lab Sample ID:</b> T37020-4	<b>Date Received:</b> 09/04/09
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Method:</b> SW846 8260B	
<b>Project:</b> ERPTXAU: Hobbs	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0003138.D	1	09/11/09	AP	n/a	n/a	VC139
Run #2							

Run #	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	100%		79-122%
17060-07-0	1,2-Dichloroethane-D4	105%		75-121%
2037-26-5	Toluene-D8	101%		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

**Report of Analysis**

<b>Client Sample ID:</b> MW-E	<b>Date Sampled:</b> 09/01/09
<b>Lab Sample ID:</b> T37020-5	<b>Date Received:</b> 09/04/09
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Method:</b> SW846 8260B	
<b>Project:</b> ERPTXAU: Hobbs	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0003139.D	1	09/11/09	AP	n/a	n/a	VC139
Run #2							

Run #	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	101%		79-122%
17060-07-0	1,2-Dichloroethane-D4	106%		75-121%
2037-26-5	Toluene-D8	101%		87-119%
460-00-4	4-Bromofluorobenzene	92%		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

**Report of Analysis**

<b>Client Sample ID:</b> MW-F	<b>Date Sampled:</b> 09/01/09
<b>Lab Sample ID:</b> T37020-6	<b>Date Received:</b> 09/04/09
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Method:</b> SW846 8260B	
<b>Project:</b> ERPTXAU: Hobbs	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0003140.D	1	09/11/09	AP	n/a	n/a	VC139
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	106%		75-121%
2037-26-5	Toluene-D8	100%		87-119%
460-00-4	4-Bromofluorobenzene	85%		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

### Report of Analysis

<b>Client Sample ID:</b> DUP1	<b>Date Sampled:</b> 09/01/09
<b>Lab Sample ID:</b> T37020-7	<b>Date Received:</b> 09/04/09
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Method:</b> SW846 8260B	
<b>Project:</b> ERPTXAU: Hobbs	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0003084.D	1	09/10/09	AP	n/a	n/a	VC136
Run #2							

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

**Purgeable Aromatics**

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0715	0.0020	0.00050	mg/l	
108-88-3	Toluene	0.0010	0.0020	0.00043	mg/l	J
100-41-4	Ethylbenzene	0.0198	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	0.110	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		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	81%		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

## Report of Analysis

Page 1 of 1

Client Sample ID:	TRIP BLANK	Date Sampled:	09/01/09
Lab Sample ID:	T37020-8	Date Received:	09/04/09
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	ERPTXAU: Hobbs		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0003076.D	1	09/10/09	AP	n/a	n/a	VC136
Run #2							

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

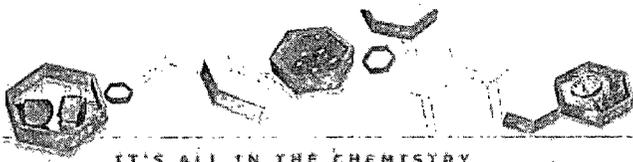
## Purgeable Aromatics

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	94%		79-122%
17060-07-0	1,2-Dichloroethane-D4	96%		75-121%
2037-26-5	Toluene-D8	93%		87-119%
460-00-4	4-Bromofluorobenzene	82%		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



IT'S ALL IN THE CHEMISTRY



**Misc. Forms**

---

**Custody Documents and Other Forms**

---

Includes the following where applicable:

- Chain of Custody





**SAMPLE RECEIPT LOG**

JOB #: T37020 DATE/TIME RECEIVED: 9-4-9 1000  
 CLIENT: EAP INITIALS: EE

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
1	1	MW-A	9-1-9 1040	W	Uam	1-3	VR	1 2 3 4 5 6 7 8	<2 >12
	2	B	1250					1 2 3 4 5 6 7 8	<2 >12
	3	C	1000					1 2 3 4 5 6 7 8	<2 >12
	4	D	1130					1 2 3 4 5 6 7 8	<2 >12
	5	E	1210					1 2 3 4 5 6 7 8	<2 >12
	6	F	0515					1 2 3 4 5 6 7 8	<2 >12
	7	Dist.						1 2 3 4 5 6 7 8	<2 >12
	8	Trap Blank				1-2		1 2 3 4 5 6 7 8	<2 >12
<del>9-4-9</del>									
								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
								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 (Solids) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer  
 Rev 8/13/01 ewp





IT'S ALL IN THE CHEMISTRY

09/25/09

Technical Report for

DCP Midstream, LLC

ERPTXAU: Hobbs

Accutest Job Number: T37020

Sampling Date: 09/01/09



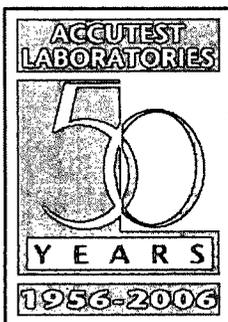
Report to:

Energy Renewal Partners, LLC

lsicarelli@energyrenewalpartners.com

ATTN: Lauren Sicarelli

Total number of pages in report: 16



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

Client Service contact: Georgia Jones 713-271-4700

Certifications: TX (T104704220-06-TX) AR (88-0756) FL (E87628) KS (E-10366) LA (85695/04004) OK (9103) UT(7132714700)

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories. Test results relate only to samples analyzed.

# Table of Contents

Sections:

-1-

<b>Section 1: Sample Summary .....</b>	<b>3</b>
<b>Section 2: Sample Results .....</b>	<b>4</b>
<b>2.1: T37020-1: MW-A .....</b>	<b>5</b>
<b>2.2: T37020-2: MW-B .....</b>	<b>6</b>
<b>2.3: T37020-3: MW-C .....</b>	<b>7</b>
<b>2.4: T37020-4: MW-D .....</b>	<b>8</b>
<b>2.5: T37020-5: MW-E .....</b>	<b>9</b>
<b>2.6: T37020-6: MW-F .....</b>	<b>10</b>
<b>2.7: T37020-7: DUP1 .....</b>	<b>11</b>
<b>2.8: T37020-8: TRIP BLANK .....</b>	<b>12</b>
<b>Section 3: Misc. Forms .....</b>	<b>13</b>
<b>3.1: Chain of Custody .....</b>	<b>14</b>



### Sample Summary

DCP Midstream, LLC

Job No: T37020

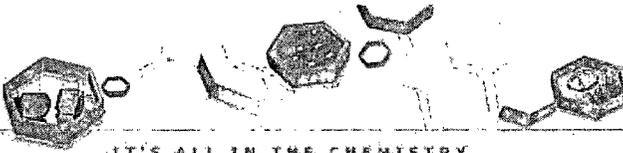
ERPTXAU: Hobbs

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
T37020-1	09/01/09	10:40 KT	09/04/09	AQ	Ground Water	MW-A
T37020-2	09/01/09	12:50 KT	09/04/09	AQ	Ground Water	MW-B
T37020-3	09/01/09	10:00 KT	09/04/09	AQ	Ground Water	MW-C
T37020-4	09/01/09	11:30 KT	09/04/09	AQ	Ground Water	MW-D
T37020-5	09/01/09	12:10 KT	09/04/09	AQ	Ground Water	MW-E
T37020-6	09/01/09	09:15 KT	09/04/09	AQ	Ground Water	MW-F
T37020-7	09/01/09	00:00 KT	09/04/09	AQ	Ground Water	DUP1
T37020-8	09/01/09	00:00 KT	09/04/09	AQ	Trip Blank Water	TRIP BLANK



Gulf Coast

**ACCUTEST.**  
Laboratories



Section 2

7

IT'S ALL IN THE CHEMISTRY

Sample Results

---

Report of Analysis

---



4 of 1

**ACCUTEST.**  
Laboratories

T37020

### Report of Analysis

<b>Client Sample ID:</b> MW-A	<b>Date Sampled:</b> 09/01/09
<b>Lab Sample ID:</b> T37020-1	<b>Date Received:</b> 09/04/09
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Method:</b> SW846 8260B	
<b>Project:</b> ERPTXAU: Hobbs	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0003077.D	1	09/10/09	AP	n/a	n/a	VC136
Run #2							

Run #	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	96%		79-122%
17060-07-0	1,2-Dichloroethane-D4	97%		75-121%
2037-26-5	Toluene-D8	94%		87-119%
460-00-4	4-Bromofluorobenzene	81%		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

## Report of Analysis

<b>Client Sample ID:</b> MW-B	<b>Date Sampled:</b> 09/01/09
<b>Lab Sample ID:</b> T37020-2	<b>Date Received:</b> 09/04/09
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Method:</b> SW846 8260B	
<b>Project:</b> ERPTXAU: Hobbs	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0003089.D	25	09/10/09	AP	n/a	n/a	VC136
Run #2							

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

### Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.42	0.050	0.012	mg/l	
108-88-3	Toluene	0.195	0.050	0.011	mg/l	
100-41-4	Ethylbenzene	0.380	0.050	0.014	mg/l	
1330-20-7	Xylene (total)	2.93	0.15	0.042	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		79-122%
17060-07-0	1,2-Dichloroethane-D4	98%		75-121%
2037-26-5	Toluene-D8	97%		87-119%
460-00-4	4-Bromofluorobenzene	84%		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

### Report of Analysis

<b>Client Sample ID:</b> MW-C	<b>Date Sampled:</b> 09/01/09
<b>Lab Sample ID:</b> T37020-3	<b>Date Received:</b> 09/04/09
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Method:</b> SW846 8260B	
<b>Project:</b> ERPTXAU: Hobbs	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0003083.D	1	09/10/09	AP	n/a	n/a	VC136
Run #2							

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

**Purgeable Aromatics**

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0828	0.0020	0.00050	mg/l	
108-88-3	Toluene	0.0013	0.0020	0.00043	mg/l	J
100-41-4	Ethylbenzene	0.0231	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	0.132	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		79-122%
17060-07-0	1,2-Dichloroethane-D4	96%		75-121%
2037-26-5	Toluene-D8	97%		87-119%
460-00-4	4-Bromofluorobenzene	81%		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

## Report of Analysis

<b>Client Sample ID:</b> MW-D	<b>Date Sampled:</b> 09/01/09
<b>Lab Sample ID:</b> T37020-4	<b>Date Received:</b> 09/04/09
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Method:</b> SW846 8260B	
<b>Project:</b> ERPTXAU: Hobbs	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0003138.D	1	09/11/09	AP	n/a	n/a	VC139
Run #2							

Run #	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	100%		79-122%
17060-07-0	1,2-Dichloroethane-D4	105%		75-121%
2037-26-5	Toluene-D8	101%		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

### Report of Analysis

<b>Client Sample ID:</b> MW-E	<b>Date Sampled:</b> 09/01/09
<b>Lab Sample ID:</b> T37020-5	<b>Date Received:</b> 09/04/09
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Method:</b> SW846 8260B	
<b>Project:</b> ERPTXAU: Hobbs	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0003139.D	1	09/11/09	AP	n/a	n/a	VC139
Run #2							

Run #	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	101%		79-122%
17060-07-0	1,2-Dichloroethane-D4	106%		75-121%
2037-26-5	Toluene-D8	101%		87-119%
460-00-4	4-Bromofluorobenzene	92%		80-133%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 RL = Reporting Limit      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

<b>Client Sample ID:</b> MW-F	<b>Date Sampled:</b> 09/01/09
<b>Lab Sample ID:</b> T37020-6	<b>Date Received:</b> 09/04/09
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Method:</b> SW846 8260B	
<b>Project:</b> ERPTXAU: Hobbs	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0003140.D	1	09/11/09	AP	n/a	n/a	VC139
Run #2							

Run #	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	106%		75-121%
2037-26-5	Toluene-D8	100%		87-119%
460-00-4	4-Bromofluorobenzene	85%		80-133%

ND = Not detected      MDL - Method Detection Limit      J = Indicates an estimated value  
 RL = Reporting Limit      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

### Report of Analysis

<b>Client Sample ID:</b> DUP1	<b>Date Sampled:</b> 09/01/09
<b>Lab Sample ID:</b> T37020-7	<b>Date Received:</b> 09/04/09
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Method:</b> SW846 8260B	
<b>Project:</b> ERPTXAU: Hobbs	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0003084.D	1	09/10/09	AP	n/a	n/a	VC136
Run #2							

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

**Purgeable Aromatics**

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0715	0.0020	0.00050	mg/l	
108-88-3	Toluene	0.0010	0.0020	0.00043	mg/l	J
100-41-4	Ethylbenzene	0.0198	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	0.110	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		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	81%		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

### Report of Analysis

<b>Client Sample ID:</b> TRIP BLANK	<b>Date Sampled:</b> 09/01/09
<b>Lab Sample ID:</b> T37020-8	<b>Date Received:</b> 09/04/09
<b>Matrix:</b> AQ - Trip Blank Water	<b>Percent Solids:</b> n/a
<b>Method:</b> SW846 8260B	
<b>Project:</b> ERPTXAU: Hobbs	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0003076.D	1	09/10/09	AP	n/a	n/a	VC136
Run #2							

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

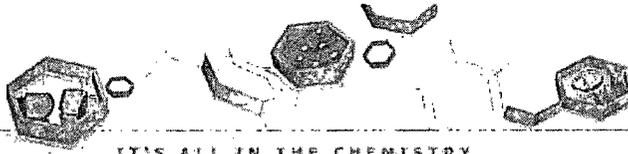
**Purgeable Aromatics**

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	94%		79-122%
17060-07-0	1,2-Dichloroethane-D4	96%		75-121%
2037-26-5	Toluene-D8	93%		87-119%
460-00-4	4-Bromofluorobenzene	82%		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



**SAMPLE INSPECTION FORM**

Accutest Job Number: T37020 Client: ERP Date/Time Received: 9.4.9 1000

# of Coolers Received: \_\_\_\_\_ Thermometer #: DR-1 Temperature Adjustment Factor: +4

Cooler Temps: #1: 2.0°C #2: \_\_\_\_\_ #3: \_\_\_\_\_ #4: \_\_\_\_\_ #5: \_\_\_\_\_ #6: \_\_\_\_\_ #7: \_\_\_\_\_ #8: \_\_\_\_\_

Method of Delivery:  FEDEX  UPS  Accutest Courier  Greyhound  Delivery  Other

Airbill Numbers: 8706 625 9121

- COOLER INFORMATION**
- Custody seal missing or not intact
  - Temperature criteria not met
  - Wet ice received in cooler

- 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 recvd 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

- CHAIN OF CUSTODY**
- Chain of Custody not received
  - Sample D/T unclear or missing
  - Analyses unclear or missing
  - COC not properly executed

Number of Encores? \_\_\_\_\_  
 Number of 5035 kits? \_\_\_\_\_  
 Number of lab-filtered metals? \_\_\_\_\_

Summary of Discrepancies:

.....  
.....  
.....

TECHNICIAN SIGNATURE/DATE: [Signature] 9.4.9

INFORMATION AND SAMPLE LABELING VERIFIED BY: [Signature]

**CORRECTIVE ACTIONS**

Client Representative Notified: \_\_\_\_\_ Date: \_\_\_\_\_

By Accutest Representative: \_\_\_\_\_ Via: Phone \_\_\_\_\_ Email \_\_\_\_\_

Client Instructions:  
.....  
.....  
.....

1:\mwalker\form\samplemanagement

3.1  
25

**SAMPLE RECEIPT LOG**

JOB #: T37020 DATE/TIME RECEIVED: 9-4-9 1000  
 CLIENT: ERP INITIALS: EE

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV				PH	
								1	2	3	4	<2	>12
1	1	MW-A	9-1-9 1040	W	4ml	1-3	VR	1	2	3	4	<2	>12
	2	B	1250					1	2	3	4	<2	>12
	3	C	1800					1	2	3	4	<2	>12
	4	D	1130					1	2	3	4	<2	>12
	5	E	1210					1	2	3	4	<2	>12
	6	F	0915					1	2	3	4	<2	>12
	7	Dpt.						1	2	3	4	<2	>12
	8	Trx Blank				1-2		1	2	3	4	<2	>12
<i>Handwritten signature</i>								1	2	3	4	<2	>12
<i>Handwritten signature</i>								1	2	3	4	<2	>12
<i>Handwritten signature</i>								1	2	3	4	<2	>12
<i>Handwritten signature</i>								1	2	3	4	<2	>12
<i>Handwritten signature</i>								1	2	3	4	<2	>12
<i>Handwritten signature</i>								1	2	3	4	<2	>12
<i>Handwritten signature</i>								1	2	3	4	<2	>12
<i>Handwritten signature</i>								1	2	3	4	<2	>12
<i>Handwritten signature</i>								1	2	3	4	<2	>12
<i>Handwritten signature</i>								1	2	3	4	<2	>12
<i>Handwritten signature</i>								1	2	3	4	<2	>12
<i>Handwritten signature</i>								1	2	3	4	<2	>12
<i>Handwritten signature</i>								1	2	3	4	<2	>12
<i>Handwritten signature</i>								1	2	3	4	<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