

1R - ____401-0__

MONITORING REPORTS

DATE:

2008 - Present



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

RECEIVED

2008 DEC 5 PM 3 45

December 3, 2008

Mr. Wayne Price
Environmental Bureau Chief
New Mexico Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

**RE: 2nd 2008 Semi Annual Groundwater Monitoring Results
DCP C-Line Pipeline Release (1RP-401-0), Lea County, NM
Unit O Section 31, T19S, R37E**

Dear Mr. Price:

DCP Midstream, LP (DCP) is pleased to submit for your review, one copy of the 2nd 2008 Semi Annual Groundwater Monitoring Results for the DCP C-Line Pipeline Release Site located in Lea County, New Mexico (Unit O Section 31, T19S, R37E, Latitude 32° 31' 29.7" N Longitude 103° 17' 11.7 W).

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

Sincerely

DCP Midstream, LP

Stephen Weathers, PG
Principal Environmental Specialist

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

November 25, 2008

Mr. Stephen Weathers
DCP Midstream, LP
370 17th Street, Suite 2500
Denver, CO 80202

Re: Summary of the Second 2008 SemiAnnual Groundwater Monitoring Results for
the C-Line 50602 Release Location in Lea County New Mexico
Unit O, Section 31, Township 19 South, Range 37 East (1RP-401-0)

Dear Mr. Weathers:

This report documents the second semiannual 2008 groundwater monitoring activities completed at the C-Line 50602 release location for DCP Midstream, LP (DCP). Approval to change to semiannual groundwater monitoring was granted by the New Mexico Oil Conservation Division in February 2008. The monitoring activities were completed on September 17, 2008. The site is located in the southwestern quarter of the southeastern quarter (Unit O) of Section 31, Township 19 South, Range 37 East (Figure 1). The approximate coordinates are 32 degrees 31 minutes 30 seconds north, 103 degrees 17 minutes 12 seconds west.

The groundwater-monitoring network includes the nine wells shown on Figure 2. Table 1 summarizes construction information for each well.

SUMMARY OF MONITORING ACTIVITIES

The depth to water and free phase hydrocarbons (FPH), if present, were measured in each well prior to purging and sampling. The calculated groundwater elevations for all monitoring episodes are summarized in Table 2.

None of the wells contained FPH. The historical FPH thickness values for MW-1 and MW-4 are summarized in Table 3. FPH has not been measured in MW-1 since June 2005 and in MW-2 since March 2007.

Eight of the nine wells were purged and sampled. Well MW-6 was not sampled because it is located down gradient from unaffected boundary wells MW-7, MW-8 and MW-9 so it does not provide useful information relative to this study.

The wells were purged using dedicated bailers until a minimum of three casing volumes of groundwater were removed and the field parameters temperature, pH and conductivity stabilized. The well purging forms are attached. The affected purge water was stored on site for ultimate disposal at the DCP Linam Ranch facility.

Unfiltered samples were collected following well stabilization using the dedicated bailers. All of the samples were placed in an ice-filled chest immediately upon collection and delivered to the analytical laboratory (ACCUTEST Laboratory) using standard chain-of-custody protocol. The samples were analyzed for benzene, toluene, ethylbenzene and total xylenes (BTEX). The analytical laboratory report is attached.

Table 4 summarizes the field duplicate sample and matrix spike/matrix spike duplicate data used in the quality control evaluation. The quality control QC evaluation completed for this episode includes:

- The samples were received at an acceptable temperature;
- All of the samples were analyzed within the required holding times;
- The BTEX constituents in the trip blank were all below their method detection limits;
- All of the individual surrogate spikes were within their control limits;
- The method blank and blank spike evaluations were all acceptable;
- The relative percentage difference (RPD) were all below their respective method detection limits; and
- The matrix spike and matrix spike duplicate results were all within their respective control ranges and exhibited good agreement.

The information above indicates that the data is suitable for evaluating periodic groundwater monitoring data.

RESULTS AND INTERPRETATIONS

The September 2008 BTEX results are summarized in Table 5. The constituents that exceed the New Mexico Water Quality Control Commission Groundwater Standard are highlighted as bold text. The data for all sampling events are compiled in Table 6 for benzene, Table 7 for toluene, Table 8 for ethylbenzene and Table 9 for xylenes.

Figure 3 includes hydrographs for all site wells. The water table elevations decreased by slight amounts in all of the wells except MW-1. The anomalous MW-1 reading may have resulted from measurement from a different point on the well casing than is normally used. Figure 4 shows the September 2008 calculated groundwater contours as generated using the Surfer® program with the kriging option. The MW-1 value does not appreciably affect the water table contours. The water table exhibits a consistent gradient toward the southeast. This pattern reflects the historic trends.

Figure 5 depicts the spatial September 2008 benzene distribution. Benzene was reported at 1.06 mg/l in MW-1, 6.14 mg/l in MW-3 and 0.0146 mg/l in MW-4. The remaining wells, particularly down-gradient boundary wells MW-7, MW-8 and MW-9, did not contain benzene above the 0.002 mg/l method reporting limit.

The changes in benzene concentrations are plotted for wells MW-1 and MW-3 on Figure 6. Sampling in MW-1 began in December 2005 after removal of the FPH was completed.

The benzene concentration in MW-1 increased between March 2008 and September 2008 but the data still appears to exhibit an overall decreasing trend.

Sampling in MW-3 began in November 2002 at the start of the project. The benzene concentration increased slightly from the prior episode; however, they declined from March 2008 to September 2008. The concentrations also exhibit a relatively stable trend around 6 mg/l beginning in March 2007 excepting the March 2008 value.

The benzene concentration in MW-4 of 0.0146 mg/l was slightly above the New Mexico Water Quality Control Commission Groundwater Standards. It is important to note that MW-4 lies directly down-gradient from the original release area surrounding MW-1 that was remediated immediately following the spill. The data for MW-4 in Table 6 establishes that natural bioremediation processes are attenuating the BTEX constituents in the the groundwater tapped by this well.

Benzene has not been detected at or above a 0.001 mg/l concentration in either MW-2 or MW- 5 since June 2005 after intially spiking to concentrations of 0.33 mg/l in both wells. The hydrocarbon attenuation in these wells and its continued absence further demonstrates the effectiveness of removing the source materials.

The elevated concentrations in MW-3, a well that lies west of the centerline for the groundwater plume from the pipeline release area, remains anomalous. Wells MW-7 and MW-8 are both located downgradient from this well, and BTEX constituents have not been detected in these wells effectively bounding the potential effects from this well.

The wells are gauged regularly for FPH and the vacuum extraction system is operated as necessary to ensure that no FPH is present in the wells. The system will be stopped (if operating) two weeks before the next sampling event to ensure accurate FPH measurement.

The next monitoring event is scheduled for the first half of 2009. AEC will provide appropriate notification prior to the onset of sampling activities.

Do not hesitate to contact me with any questions or comments on this report.

Respectfully submitted,
AMERICAN ENVIRONMENTAL CONSULTING, LLC

Michael H. Stewart

Michael H. Stewart, P.E., C.P.G.
Principal Engineer
MHS/tbm

TABLES

Table 1 – Summary of Well Construction Information

Well	Top of Casing Elevation	Ground Elevation	Screen Diameter	Screened Interval	Sand Interval	Total Depth
MW-1	3,541.21	3,538.64	4"	82.5-97.5	81-98	98
MW-2	3,540.91	3,537.70	2"	81-101	77-102	102
MW-3	3,541.41	3,539.30	2"	80-100	78-103	103
MW-4	3,541.40	3,538.51	2"	80-100	78-103	103
MW-5	3,541.45	3,538.69	2"	80-100	78-102	102
MW-6	3,543.98	3,540.94	2"	79-99	75-102	102
MW-7	3,542.42	3,540.20	2"	82.5-97.5	77-98*	98
MW-8	3,540.29	3,538.08	2"	82.5-97.5	81-98	98
MW-9	3,539.62	3,537.33	2"	82.5-97.5	81-98	98

All units in feet except as noted

* Well MW-7 has a natural sand pack from 93 to 98 feet

Table 2 – Summary of Corrected Water Table Elevations

Well	Nov. 02	Feb. 03	Apr. 03	Oct. 03	Jan. 04	Jun. 04	Sep. 04	Dec. 04	Mar. 05	Jun. 05	Sep. 05	Dec. 05	Mar. 06
MW-1	3452.01	3451.60	3451.73	3451.35	3451.34	3451.23	3451.19	3450.97	3451.22	3451.99	3451.96	3451.88	3451.96
MW-2	3452.11	3451.97	3451.96	3451.87	3451.84	3451.73	3451.72	3451.91	3452.08	3452.22	3452.19	3452.10	3452.18
MW-3	3452.25	3451.37	3451.33	3451.27	3451.22	3451.06	3451.01	3451.24	3451.37	3451.51	3451.58	3451.46	3451.52
MW-4	3451.56	3451.32	3451.21	3451.25	3451.19	3451.02	3450.88	3451.19	3451.25	3451.26	3451.38	3450.42	3451.34
MW-5	3451.39	3451.21	3451.09	3451.20	3451.11	3450.86	3450.75	3451.10	3451.14	3451.35	3451.18	3451.32	3451.18
MW-6	3448.77	3448.51	3448.38	3448.46	3448.37	3448.14	3448.03	3448.91	3448.64	3448.62	3448.44	3448.50	3448.26
MW-7				3450.76	3450.72	3450.57	3450.47	3450.70	3450.80	3450.99	3450.99	3450.86	3450.86
MW-8				3450.35	3450.22	3450.03	3449.85	3450.21	3450.23	3450.41	3450.24	3450.40	3450.18
MW-9				3450.21	3450.03	3449.81	3449.67	3450.13	3450.11	3450.38	3450.04	3450.25	3449.99

Well	Jun 06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Sep-08
MW-1	3451.88	3451.86	3451.82	3451.83	3451.64	3451.62	3451.74	3452.17	3449.64
MW-2	3452.13	3452.12	3452.06	3452.07	3452.04	3452.13	3451.91	3451.87	3451.8
MW-3	3451.45	3451.43	3451.40	3451.40	3451.21	3451.36	3451.30	3451.14	3451.12
MW-4	3451.40	3451.34	3451.33	3451.36	3450.99	3451.07	3451.34	3450.98	3451.02
MW-5	3451.16	3451.16	3451.22	3451.27	3450.87	3451.05	3451.32	3450.87	3450.85
MW-6	3448.28	3448.27	3448.30	3448.36	3447.97	3448.15	3448.40	3448.04	3447.96
MW-7	3450.81	3450.83	3450.78	3450.80	3450.52	3450.72	3450.77	3450.51	3450.53
MW-8	3450.14	3450.21	3450.28	3450.35	3449.86	3450.08	3450.32	3449.91	3449.81
MW-9	3449.92	3450.02	3450.15	3450.19	3449.79	3449.95	3450.26	3449.80	3449.62

Notes:

All units in feet.

Blank cells: wells not installed

The groundwater elevation values for MW-1 and MW-4 were corrected when free phase hydrocarbons were present using the following formula (all values in feet):

$GWE_{corr} = MGWE + (PT \cdot PD)$; where

- MGWE is the actual measured groundwater elevation;
- PT is the measured free-phase hydrocarbon thickness, and
- PD is the free phase hydrocarbon density (assumed 0.7).

Table 3 – C-Line Free Phase Hydrocarbon Thickness Measurements

Date	MW-1	MW-4
11/02/02	3.15	0.00
02/17/03	3.62	0.00
04/16/03	2.92	0.00
10/30/03	3.21	0.00
06/29/04	2.66	0.00
09/28/04	2.16	0.21
12/08/04	0.13	1.18
03/16/05	0.04	3.03
06/06/05	0.02	0.07
09/20/05	0.00	0.16
12/15/05	0.00	0.21
03/21/06	0.00	0.03
06/27/06	0.00	0.00
09/16/06	0.00	0.00
12/11/06	0.00	0.00
03/14/07	0.00	0.06
06/20/07	0.00	0.00
09/26/07	0.00	0.00
12/27/07	0.00	0.00
03/06/08	0.00	0.00
09/17/08	0.00	0.00

Units are feet

Table 4 – September 2008 Quality Control Data

MW-2 Duplicate Sample Evaluation

	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW- 2 RPD (%)	NA	NA	NA	NA

NA: Not applicable because the constituents in both sample sets were all undetected.

Matrix Spike and Matrix Spike Duplicate Results

	Benzene	Toluene	Ethylbenzene	Xylenes (total)
MW-8 Matrix Spike	97	100	102	94
MW-8 Matrix Spike Duplicate	98	100	99	96
MW-3 Matrix Spike	66	96	88	98
MW-3 Matrix Spike Duplicate	65	93	83	95

Percent recovery limits are 80% to 120%

Table 5 – September 2008 Results

Well	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standards	0.01	0.75	0.75	0.62
MW-1	1.06	0.0555	0.239	0.0751
MW-2	<0.002	<0.002	<0.002	<0.006
MW-2 (duplicate)	<0.002	<0.002	<0.002	<0.006
MW-3	6.14	3.3	0.386	0.674
MW-4	0.0146	0.0068	0.0703	0.081
MW-5	0.00073 J	0.0007 J	<0.002	<0.006
MW-6	NS	NS	NS	NS
MW-7	<0.002	<0.002	<0.002	<0.006
MW-8	<0.002	<0.002	<0.002	<0.006
MW-9	<0.002	<0.002	<0.002	<0.006
Trip Blank	<0.002	<0.002	<0.002	<0.006

Notes: All units mg/l

NS: Well not sampled

NMWQCC Standards: New Mexico Water Quality Control Commission
Groundwater Standards

A J value quantifies a constituent that was measured between the method
detection limit and the method reporting limit.

Table 6 - Summary of Analytical Results for Benzene

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9
11/15/02	FPH	<0.001	0.017	0.114	<0.001	<0.001			
02/18/03	FPH	0.29	2.52	1.12	0.328	0.001			
04/17/03	FPH	0.175	3.18	0.782	0.128	0.002			
10/28/03	FPH	0.018	5.01	0.077	0.164	<0.001	<0.001	<0.001	<0.001
01/29/04	FPH	0.0848	6.06	0.320	0.226	0.00382	<0.001	0.00139	<0.001
06/29/04	FPH	0.0582	9.84	0.461	0.249	<0.00019	0.000456	0.00248	<0.00019
09/28/04	FPH	0.329	11.2	FPH	0.0336	<0.001	<0.001	<0.001	<0.001
12/06/04	FPH	0.0355	12.0	FPH	0.0137	<0.001	<0.001	<0.001	<0.001
03/16/05	FPH	0.00523	10.9	FPH	0.00371	<0.001	<0.001	<0.001	<0.001
06/06/05	FPH	0.0017	8.83	FPH	0.00169	<0.001	0.000695	0.000955	<0.001
09/20/05	FPH	<0.001	10.75	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
12/15/05	2.14	<0.001	9.57	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/21/06	1.32	<0.001	6.55	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/26/06	2.17	<0.001	9.67	9.08	<0.001	<0.001	<0.001	<0.001	<0.001
09/16/06	4.27	<0.001	10.55	0.51	<0.001	<0.001	<0.001	<0.001	<0.001
12/11/06	<0.001	<0.001	7.49	0.17	<0.001	<0.001	<0.001	<0.001	<0.001
03/14/07	5.59	<0.001	6.41	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/20/07	3.82	<0.001	6.41	1.80	<0.001	NS	<0.001	<0.001	<0.001
09/26/07	1.75	<0.001	5.54	0.43	<0.001	NS	<0.001	<0.001	<0.001
12/27/07	1.92	<0.002	5.89	0.11	<0.002	NS	<0.002	<0.002	<0.002
03/06/08	0.31	<0.002	8.36	<0.002	<0.002	NS	<0.002	<0.002	<0.002
09/17/08	1.06	<0.002	6.14	0.0146	0.00073	NS	<0.002	<0.002	<0.002

Notes: 1) All units mg/l, 2) Duplicate results averaged, 3) "J" qualifiers are not included in summary

4) Wells not installed where blank cells are present, 5) FPH free phase hydrocarbons present so no sample collected

6) NS: Well not sampled, see text for explanation

Table 7 - Summary of Analytical Results for Toluene

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9
11/15/02	FPH	<0.001	0.005	0.039	<0.001	<0.001			
02/18/03	FPH	0.014	0.634	0.436	0.056	<0.001			
04/17/03	FPH	0.007	0.513	0.45	0.007	<0.001			
10/28/03	FPH	0.001	0.275	0.029	0.048	<0.001	<0.001	<0.001	<0.001
01/29/04	FPH	0.0350	0.506	0.169	0.064	0.00140	<0.001	0.00109	<0.001
06/29/04	FPH	0.000219	0.0917	0.0202	0.00172	<0.00014	<0.00014	<0.00014	<0.00014
09/28/04	FPH	0.0174	0.0218	FPH	0.00281	<0.001	<0.001	<0.001	<0.001
12/06/04	FPH	0.0017	0.0438	FPH	0.00318	<0.001	<0.001	<0.001	<0.001
03/16/05	FPH	<0.001	0.013	FPH	.00038	<0.001	<0.001	<0.001	<0.001
06/06/05	FPH	<0.001	0.056	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
9/20/05	FPH	<0.001	0.1355	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
12/15/05	1.37	<0.001	0.414	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/21/06	0.931	<0.001	1.575	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/26/06	1.42	<0.001	2.93	5.73	<0.001	<0.001	<0.001	<0.001	<0.001
09/16/06	0.508	<0.001	3.48	0.0415	<0.001	<0.001	<0.001	<0.001	<0.001
12/11/06	<0.001	<0.001	3.35	0.139	<0.001	<0.001	<0.001	<0.001	<0.001
03/14/07	0.232	<0.001	2.75	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/20/07	0.43	<0.001	3.49	0.98	<0.001	NS	<0.001	<0.001	<0.001
09/26/07	0.097	<0.001	2.555	0.35	<0.001	NS	<0.001	<0.001	<0.001
12/27/07	0.0372	<0.002	2.81	0.145	<0.002	NS	<0.002	<0.002	<0.002
03/06/08	0.07	<0.002	4.36	<0.002	<0.002	NS	<0.002	<0.002	<0.002
09/17/08	0.0555	<0.002	3.3	0.0068	0.0007	NS	<0.002	<0.002	<0.002

Notes: 1) All units mg/l, 2) Duplicate results averaged, 3) "J" qualifiers are not included in summary

4) Wells not installed where blank cells are present, 5) FPH free phase hydrocarbons present so no sample collected

6) NS: Well not sampled, see text for explanation

Table 8 – Summary of Analytical Results for Ethylbenzene

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9
11/15/02	FPH	<0.001	<0.001	0.002	<0.001	<0.001			
02/18/03	FPH	0.001	0.021	0.022	0.004	<0.001			
04/17/03	FPH	<0.001	0.028	0.029	<0.001	<0.001			
10/28/03	FPH	<0.001	0.031	0.002	0.002	<0.001	<0.001	<0.001	<0.001
01/29/04	FPH	0.00292	0.0679	0.0203	0.00404	0.00133	<0.001	0.00112	<0.001
06/29/04	FPH	0.00534	0.0873	0.352	0.0603	<0.00013	<0.00013	0.000633	<0.00013
09/28/04	FPH	<0.001	0.105	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
12/06/04	FPH	<0.001	0.154	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/16/05	FPH	<0.001	0.150	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/06/05	FPH	<0.001	0.1535	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
09/20/05	FPH	<0.001	0.288	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
12/15/05	0.313	<0.001	0.173	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/21/06	0.419	<0.001	0.4085	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/26/06	0.534	<0.001	0.0333	1.03	<0.001	<0.001	<0.001	<0.001	<0.001
09/16/06	0.153	<0.001	0.288	0.21	<0.001	<0.001	<0.001	<0.001	<0.001
12/11/06	<0.001	<0.001	0.391	0.111	<0.001	<0.001	<0.001	<0.001	<0.001
03/14/07	0.453	<0.001	0.3185	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/20/07	0.40	<0.001	0.52	0.61	<0.001	NS	<0.001	<0.001	<0.001
09/26/07	0.37	<0.001	0.35	0.19	<0.001	NS	<0.001	<0.001	<0.001
12/27/07	0.278	<0.002	0.316	0.0837	<0.002	NS	<0.002	<0.002	<0.002
03/06/08	0.94	<0.002	0.57	<0.002	<0.002	NS	<0.002	<0.002	<0.002
09/17/08	0.239	<0.002	0.386	0.0703	<0.002	NS	<0.002	<0.002	<0.002

Notes: 1) All units mg/l, 2) Duplicate results averaged, 3) "J" qualifiers are not included in summary

4) Wells not installed where blank cells are present, 5) FPH free phase hydrocarbons present so no sample collected

6) NS: Well not sampled, see text for explanation

Table 9 – Summary of Analytical Results for Xylenes

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9
11/15/02	FPH	<0.001	<0.001	0.003	<0.001	<0.001			
02/18/03	FPH	0.001	0.064	0.032	0.004	<0.001			
04/17/03	FPH	<0.001	0.1	0.055	<0.001	<0.001			
10/28/03	FPH	<0.001	0.083	0.008	0.004	<0.001	<0.001	<0.001	<0.001
01/29/04	FPH	0.00474	0.0849	0.053	0.0074	0.00194	<0.001	0.00217	<0.001
06/29/04	FPH	0.001	0.02404	0.074	0.004	<0.0002	<0.0002	<0.0002	<0.0002
09/28/04	FPH	<0.001	0.0213	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
12/06/04	FPH	<0.001	0.0237	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/16/05	FPH	<0.001	0.02842	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/06/05	FPH	<0.001	0.0502	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
09/20/05	FPH	<0.001	0.221	FPH	<0.001	<0.001	<0.001	<0.001	0.00105
12/15/05	1.334	<0.001	0.177	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/21/06	1.379	<0.001	0.9015	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/26/06	1.722	<0.001	0.414	5.69	<0.001	<0.001	<0.001	<0.001	<0.001
09/16/06	0.323	<0.001	0.384	1.028	<0.001	<0.001	<0.001	<0.001	<0.001
12/11/06	<0.001	<0.001	0.557	0.466	<0.001	<0.001	<0.001	<0.001	<0.001
03/14/07	0.27	<0.001	0.501	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/20/07	0.79	<0.002	0.78	2.65	<0.002	NS	<0.002	<0.002	<0.002
09/26/07	0.47	<0.002	0.515	0.93	<0.002	NS	<0.002	<0.002	<0.002
12/27/07	0.0736	<0.006	0.4615	0.425	<0.006	NS	<0.006	<0.006	<0.006
03/06/08	1.58	<0.006	0.99	<0.006	<0.006	NS	<0.006	<0.006	<0.006
09/17/08	0.0751	<0.006	0.674	0.081	<0.006	NS	<0.006	<0.006	<0.006

Notes: 1) All units mg/l, 2) Duplicate results averaged, 3) "J" qualifiers are not included in summary

4) Wells not installed where blank cells are present, 5) FPH free phase hydrocarbons present so no sample collected

6) NS: Well not sampled, see text for explanation

FIGURES

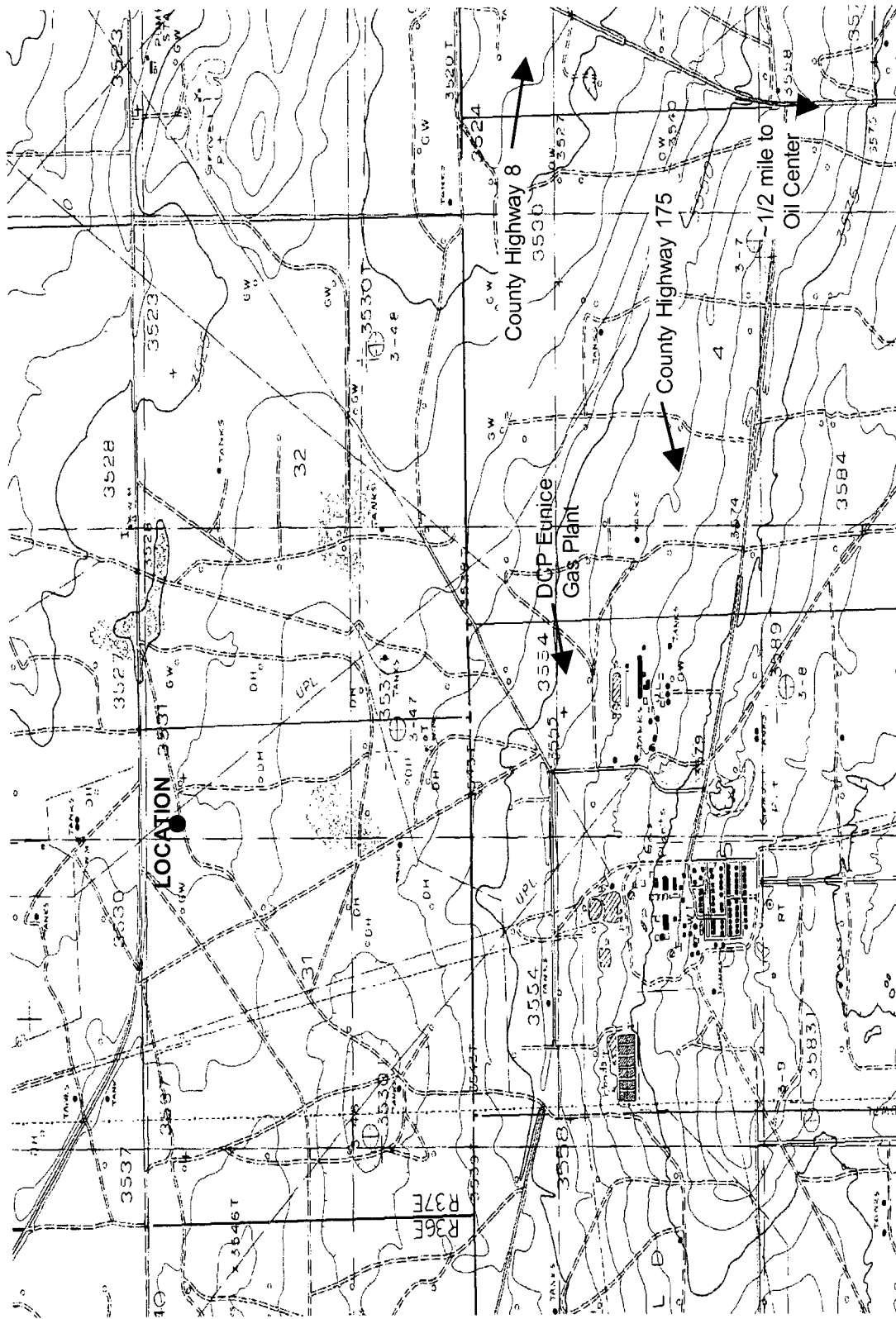


Figure 1 – Site Location and Topography

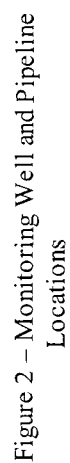
C-Line Groundwater Monitoring

dgp
Midstream

DRAWN BY: MHS
DATE: 5/05

5,000 feet

0



C-Line Groundwater Monitoring

dcp
Midstream.

DRAWN BY: MHS

DATE:10/07

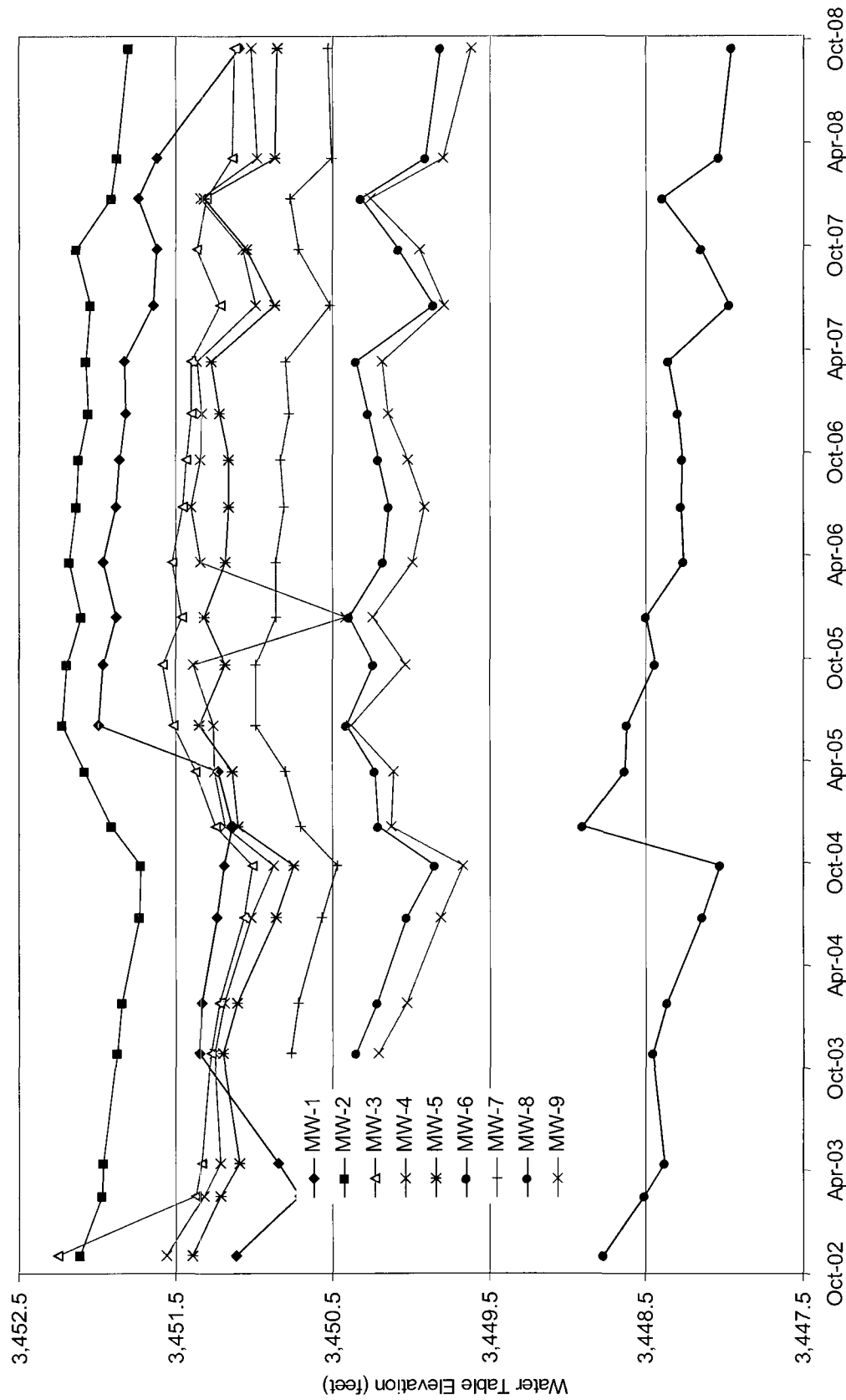


Figure 3 – Monitoring Well Hydrographs

C-Line Groundwater Monitoring

dwp
Midstream

DRAWN BY: MHS

DATE: 10/08

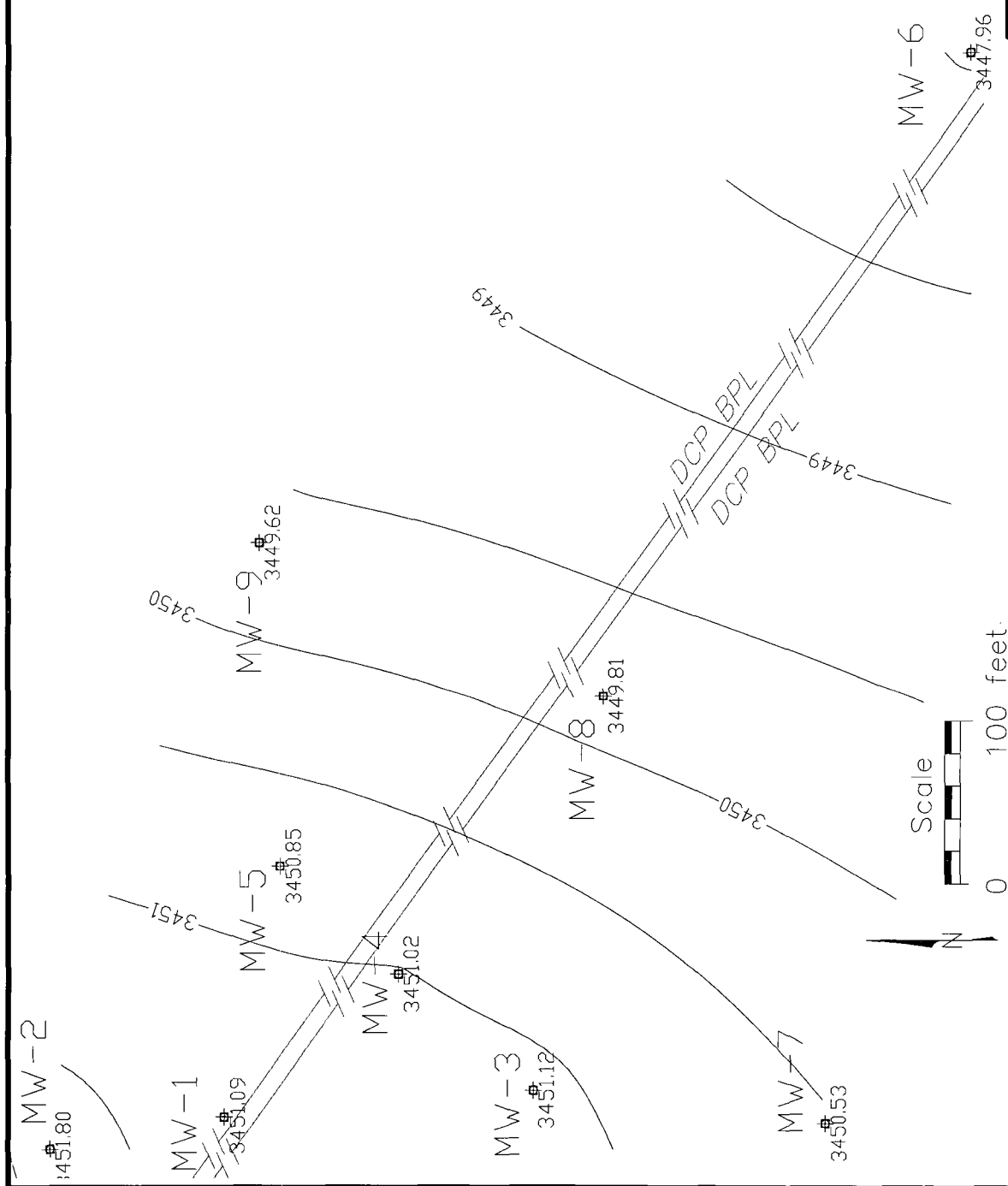


Figure 4 – September 2008 Water Table Elevations

C-Line Groundwater Monitoring

dep
Midstream.

DRAWN BY: MHS
DATE: 10/08

Contour interval is 0.5 feet

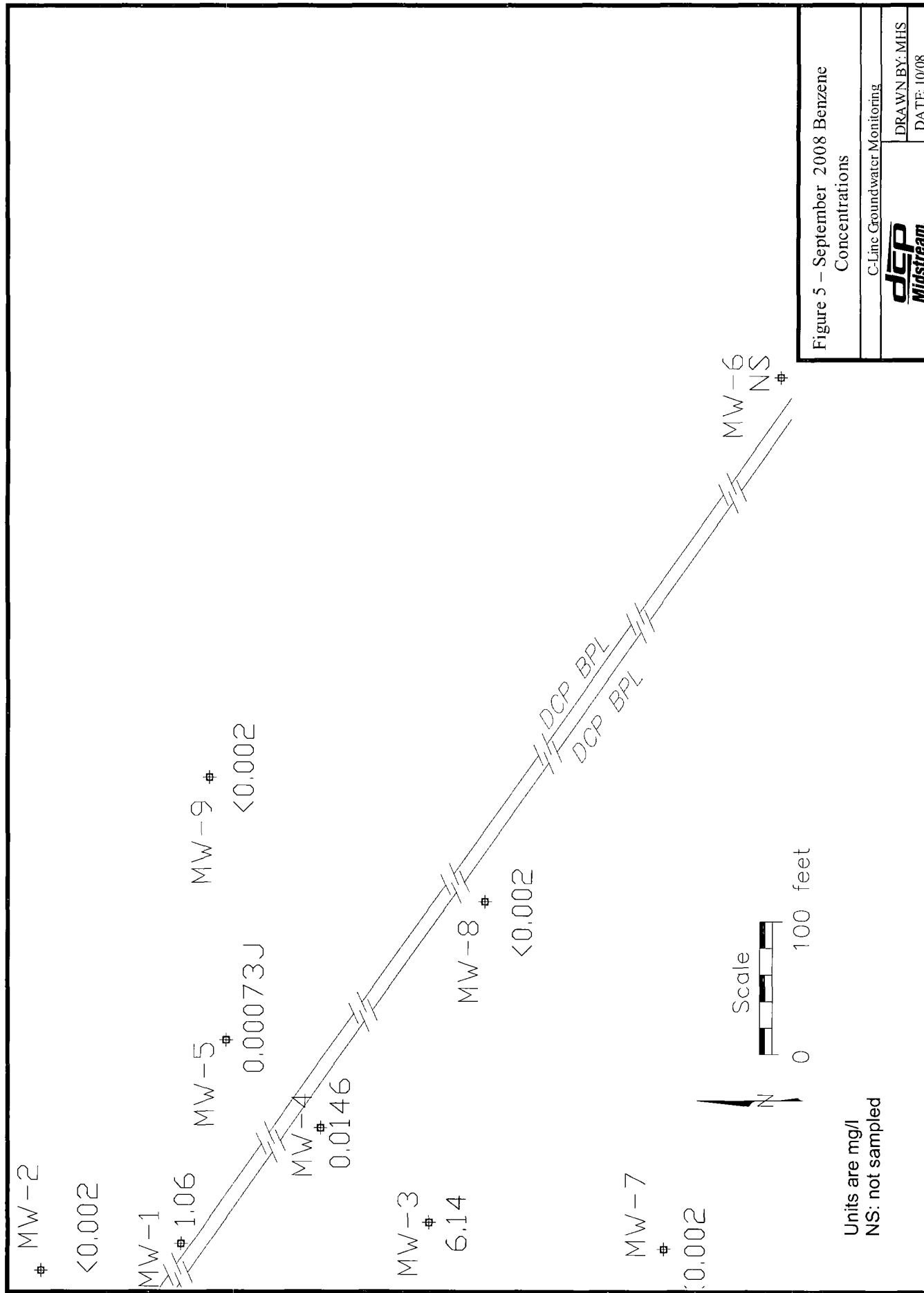


Figure 5 – September 2008 Benzene Concentrations

C-Line Groundwater Monitoring

dcg
Midstream.

DRAWN BY: MHS

DATE: 10/08

Units are mg/l
NS: not sampled

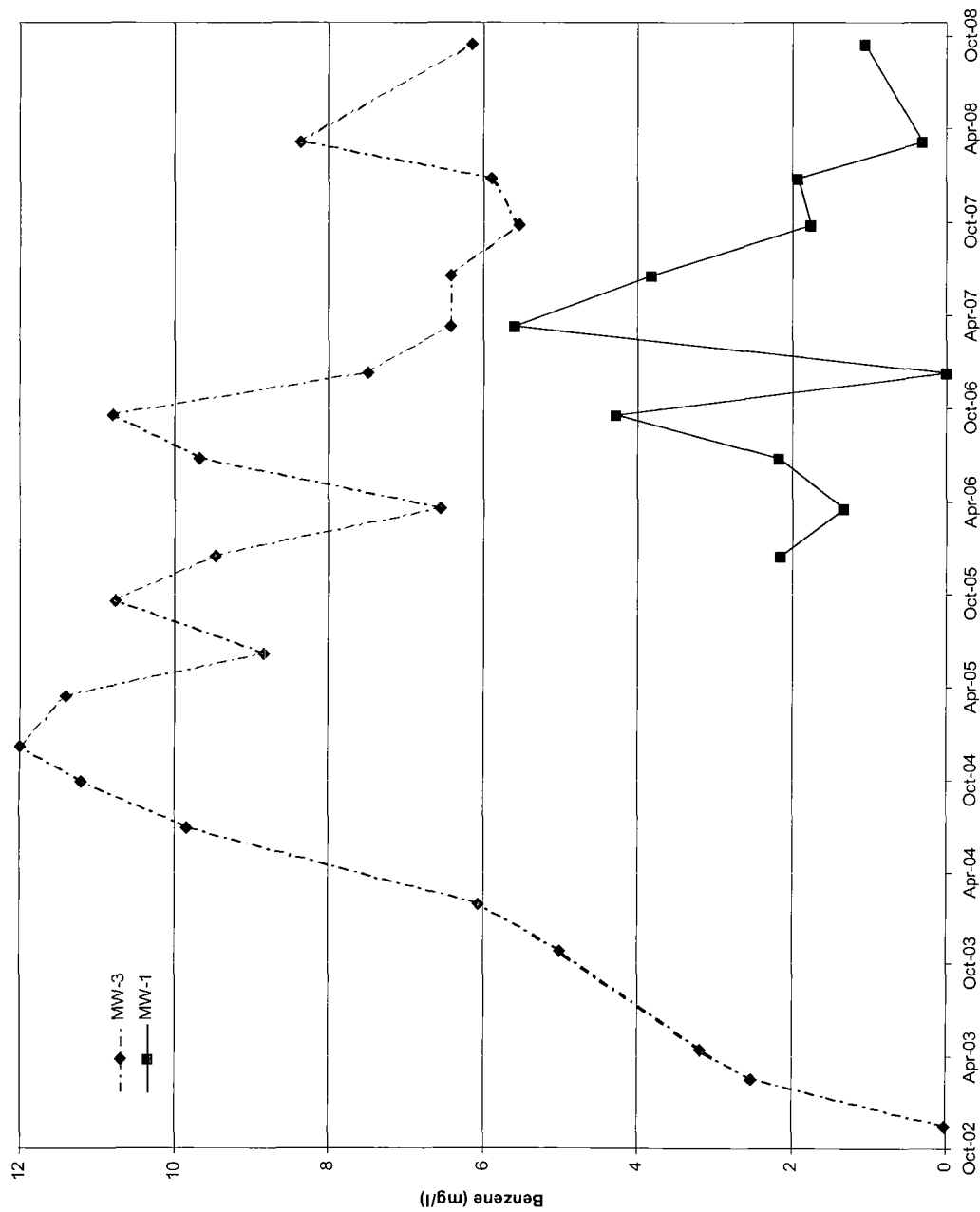


Figure 6 – Benzene Concentrations in
MW-1 and MW-3

C-Line Groundwater Monitoring

DRAWN BY: MHS
DATE: 10/08

dcp
Midstream

WELL SAMPLING DATA
AND
ANALYTICAL LABORATORY REPORT

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-1
 SITE NAME: C Line DATE: 9/17/2008
 PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☒ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☒ Disposal Facility

TOTAL DEPTH OF WELL: 99.98 Feet

DEPTH TO WATER: 90.02 Feet

HEIGHT OF WATER COLUMN: 9.96 Feet

WELL DIAMETER: 4.0 Inch

19.5 Minimum Gallons to
purge 3 well volumes
(Water Column Height x 1.96)

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	15.0	21.2	2.82	7.73	-	-	
:Total Time (hr:min)			15	:Total Vol (gal)		:Flow Rate (gal/min)	

SAMPLE NO.: Collected Sample No.: MW-1

ANALYSES: BTEX (8021-B)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: C Line
 PROJECT NO. _____

WELL ID: MW-2
 DATE: 9/17/2008
 SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☒ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☒ Disposal Facility

TOTAL DEPTH OF WELL: 100.94 Feet

DEPTH TO WATER: 89.11 Feet

HEIGHT OF WATER COLUMN: 11.83 Feet

WELL DIAMETER: 2.0 Inch

5.8 Minimum Gallons to
 purge 3 well volumes
 (Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °F	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	2.1	71	2.26	7.75	-	-	
	4.2	69.9+	2.7	7.72	-	-	
	6.3	69.0	2.27	7.68	-	-	
:Total Time (hr:min)			6.3	:Total Vol (gal)		:Flow Rate (gal/min)	

SAMPLE NO.: _____ Collected Sample No.: MW-2

ANALYSES: BTEX (8021-B)

COMMENTS: Duplicate sample collected

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: C Line
 PROJECT NO. _____

WELL ID: MW-3
 DATE: 9/17/2008
 SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☒ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☒ Disposal Facility

TOTAL DEPTH OF WELL: 102.44 Feet

DEPTH TO WATER: 90.29 Feet

HEIGHT OF WATER COLUMN: 12.15 Feet

WELL DIAMETER: 2.0 Inch

5.9 Minimum Gallons to
 purge 3 well volumes
 (Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	2.0	20.2	2.32	7.53	-	-	
	4.0	20.5	2.32	7.48	-	-	
	6.0	20.4	2.32	7.55	-	-	
					-	-	
:Total Time (hr:min)			6	:Total Vol (gal)		:Flow Rate (gal/min)	

SAMPLE NO.: _____ Collected Sample No.: MW-3

ANALYSES: BTEX (8021-B)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: C Line
 PROJECT NO. _____

WELL ID: MW-4
 DATE: 9/17/2008
 SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☒ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☒ Disposal Facility

TOTAL DEPTH OF WELL: 103.42 Feet

DEPTH TO WATER: 90.38 Feet

HEIGHT OF WATER COLUMN: 13.04 Feet

WELL DIAMETER: 2.0 Inch

6.4 Minimum Gallons to
 purge 3 well volumes
 (Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	2.3	67.7	2.34	8.06	-	-	
	4.7	67.8	2.37	8.02	-	-	
	7	67.8	2.37	8.06			
:Total Time (hr:min)			<u>7</u>	:Total Vol (gal)		:Flow Rate (gal/min)	

SAMPLE NO.: Collected Sample No.: MW-4

ANALYSES: BTEX (8021-B)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-5
 SITE NAME: C Line DATE: 9/17/2008
 PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☒ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 102.05 Feet

DEPTH TO WATER: 90.60 Feet

HEIGHT OF WATER COLUMN: 11.45 Feet

WELL DIAMETER: 2.0 Inch

5.6 Minimum Gallons to
purge 3 well volumes
(Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	2.0	19.8	3.21	7.41	-	-	
	4.0	20.1	3.14	7.41	-	-	
	6.0	20.1	3.11	7.41	-	-	
					-	-	
:Total Time (hr:min)			6	:Total Vol (gal)		:Flow Rate (gal/min)	

SAMPLE NO.: Collected Sample No.: MW-5

ANALYSES: BTEX (8021-B)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: C Line
 PROJECT NO. _____

WELL ID: MW-6
 DATE: 9/17/2008
 SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☒ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 103.20 Feet

DEPTH TO WATER: 96.02 Feet

HEIGHT OF WATER COLUMN: 7.18 Feet

WELL DIAMETER: 2.0 Inch

3.5 Minimum Gallons to
purge 3 well volumes
(Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
					-	-	
					-	-	
					-	-	
					-	-	
:Total Time (hr:min)			<u>0</u>	:Total Vol (gal)		:Flow Rate (gal/min)	

SAMPLE NO.: Collected Sample No.: MW-6

ANALYSES: BTEX (8021-B)

COMMENTS: Did Not Purge & Sample

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-7
 SITE NAME: C Line DATE: 9/17/2008
 PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☒ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 100.40 Feet

DEPTH TO WATER: 91.89 Feet

HEIGHT OF WATER COLUMN: 8.51 Feet

WELL DIAMETER: 2.0 Inch

4.2 Minimum Gallons to
purge 3 well volumes
(Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	1.4	66.2	1.93	7.9	-	-	
	2.8	66.7	1.92	7.93	-	-	
	5.6	66.9	1.92	7.97	-	-	
:Total Time (hr:min)			5.6	:Total Vol (gal)		:Flow Rate (gal/min)	

SAMPLE NO.: Collected Sample No.: MW-7

ANALYSES: BTEX (8021-B)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: C Line
 PROJECT NO. _____

WELL ID: MW-8
 DATE: 9/17/2008
 SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☒ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 100.50 Feet

DEPTH TO WATER: 90.48 Feet

HEIGHT OF WATER COLUMN: 10.02 Feet

WELL DIAMETER: 2.0 Inch

4.9 Minimum Gallons to
 purge 3 well volumes
 (Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	1.7	18.5	2.79	7.25	-	-	
	3.4	19.5	2.71	7.45	-	-	
	5.1	19.8	2.69	7.46	-	-	
:Total Time (hr:min)			5.1	:Total Vol (gal)		:Flow Rate (gal/min)	

SAMPLE NO.: Collected Sample No.: MW-8

ANALYSES: BTEX (8021-B)

COMMENTS: Matrix duplicate sample collected

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: C Line
 PROJECT NO. _____

WELL ID: MW-9
 DATE: 9/17/2008
 SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☒ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 100.50 Feet

DEPTH TO WATER: 90.00 Feet

HEIGHT OF WATER COLUMN: 10.50 Feet

WELL DIAMETER: 2.0 Inch

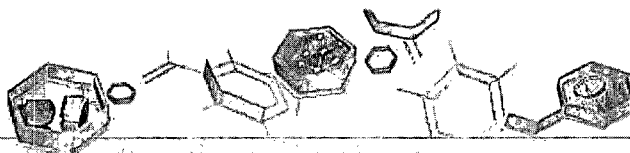
5.1 Minimum Gallons to
 purge 3 well volumes
 (Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. m S/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	1.7	66.5	2.47	7.92	-	-	
	3.4	66.7	2.49	7.94	-	-	
	5.1	66.7	2.50	7.93	-	-	
:Total Time (hr:min)			<u>5.1</u>	:Total Vol (gal)		:Flow Rate (gal/min)	

SAMPLE NO.: Collected Sample No.: MW-9

ANALYSES: BTEX (8021-B)

COMMENTS: _____



IT'S ALL IN THE CHEMISTRY

10/06/08

Technical Report for

American Environmental Consulting

DCP Midstream - C Line/Lea County, NM

Accutest Job Number: T23913

Sampling Date: 09/17/08

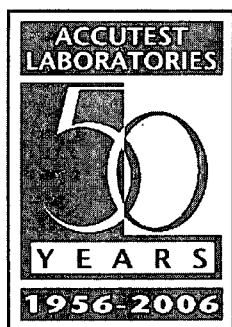
Report to:

American Environmental Consulting

mstewart@aecdenvr.com

ATTN: Mike Stewart

Total number of pages in report: 28



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: Agnes Vicknair 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:



Section 1: Sample Summary	3
Section 2: Sample Results	4
2.1: T23913-1: MW-1	5
2.2: T23913-2: MW-2	6
2.3: T23913-3: MW-3	7
2.4: T23913-4: MW-4	8
2.5: T23913-5: MW-5	9
2.6: T23913-6: MW-7	10
2.7: T23913-7: MW-8	11
2.8: T23913-8: MW-9	12
2.9: T23913-9: DUP	13
2.10: T23913-10: TRIP BLANK	14
Section 3: Misc. Forms	15
3.1: Chain of Custody	16
Section 4: GC/MS Volatiles - QC Data Summaries	19
4.1: Method Blank Summary	20
4.2: Blank Spike Summary	23
4.3: Matrix Spike/Matrix Spike Duplicate Summary	26



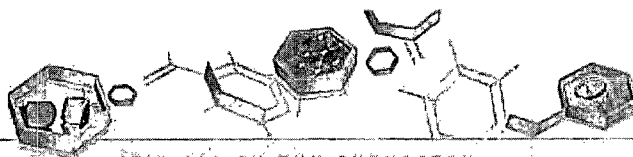
Sample Summary

American Environmental Consulting

Job No: T23913

DCP Midstream - C Line/Lea County, NM

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
T23913-1	09/17/08	10:10 AE	09/23/08	AQ	Ground Water	MW-1
T23913-2	09/17/08	10:30 AE	09/23/08	AQ	Ground Water	MW-2
T23913-3	09/17/08	09:30 AE	09/23/08	AQ	Ground Water	MW-3
T23913-4	09/17/08	09:20 AE	09/23/08	AQ	Ground Water	MW-4
T23913-5	09/17/08	09:50 AE	09/23/08	AQ	Ground Water	MW-5
T23913-6	09/17/08	07:50 AE	09/23/08	AQ	Ground Water	MW-7
T23913-7	09/17/08	08:00 AE	09/23/08	AQ	Ground Water	MW-8
T23913-7D	09/17/08	08:00 AE	09/23/08	AQ	Water Dup/MSD	MW-8 MSD
T23913-7S	09/17/08	08:00 AE	09/23/08	AQ	Water Matrix Spike	MW-8 MS
T23913-8	09/17/08	08:30 AE	09/23/08	AQ	Ground Water	MW-9
T23913-9	09/17/08	00:00 AE	09/23/08	AQ	Ground Water	DUP
T23913-10	09/17/08	00:00 AE	09/23/08	AQ	Trip Blank Water	TRIP BLANK



IT'S ALL IN THE CHEMISTRY

Sample Results

Report of Analysis

Report of Analysis

Page 1 of 1

Client Sample ID:	MW-1	Date Sampled:	09/17/08
Lab Sample ID:	T23913-1	Date Received:	09/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream - C Line/Lea County, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044362.D	1	09/26/08	JL	n/a	n/a	VZ2219
Run #2	Z0044426.D	25	09/27/08	JL	n/a	n/a	VZ2221

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

Purgeable Aromatics

CAS No.	Compound	Result	MLQ	SDL	Units	Q
71-43-2	Benzene	1060 ^a	50	12	ug/l	
108-88-3	Toluene	55.5	2.0	0.48	ug/l	
100-41-4	Ethylbenzene	239 ^a	50	11	ug/l	
1330-20-7	Xylene (total)	75.1	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	93%	73-126%
17060-07-0	1,2-Dichloroethane-D4	130%	77%	61-136%
2037-26-5	Toluene-D8	95%	99%	80-125%
460-00-4	4-Bromofluorobenzene	98%	99%	65-147%

(a) Result is from Run# 2

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

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

Report of Analysis

Page 1 of 1

Client Sample ID: MW-2
 Lab Sample ID: T23913-2
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream - C Line/Lea County, NM

Date Sampled: 09/17/08
 Date Received: 09/23/08
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044363.D	1	09/26/08	JL	n/a	n/a	VZ2219
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	MQL	SDL	Units	Q
71-43-2	Benzene	0.46 U	2.0	0.46	ug/l	
108-88-3	Toluene	0.48 U	2.0	0.48	ug/l	
100-41-4	Ethylbenzene	0.45 U	2.0	0.45	ug/l	
1330-20-7	Xylene (total)	1.4 U	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		73-126%
17060-07-0	1,2-Dichloroethane-D4	95%		61-136%
2037-26-5	Toluene-D8	104%		80-125%
460-00-4	4-Bromofluorobenzene	106%		65-147%

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

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

Report of Analysis

Page 1 of 1

Client Sample ID: MW-3
 Lab Sample ID: T23913-3
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream - C Line/Lea County, NM

Date Sampled: 09/17/08
 Date Received: 09/23/08
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0009824.D	50	09/30/08	RS	n/a	n/a	VM410
Run #2							

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

Purgeable Aromatics

CAS No.	Compound	Result	MLQ	SDL	Units	Q
71-43-2	Benzene	6140	100	23	ug/l	
108-88-3	Toluene	3300	100	24	ug/l	
100-41-4	Ethylbenzene	386	100	23	ug/l	
1330-20-7	Xylene (total)	674	300	68	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		73-126%
17060-07-0	1,2-Dichloroethane-D4	82%		61-136%
2037-26-5	Toluene-D8	101%		80-125%
460-00-4	4-Bromofluorobenzene	138%		65-147%

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

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

Report of Analysis

Page 1 of 1

Client Sample ID: MW-4
 Lab Sample ID: T23913-4
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream - C Line/Lea County, NM

Date Sampled: 09/17/08
 Date Received: 09/23/08
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044365.D	1	09/26/08	JL	n/a	n/a	VZ2219
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	MQL	SDL	Units	Q
71-43-2	Benzene	14.6	2.0	0.46	ug/l	
108-88-3	Toluene	6.8	2.0	0.48	ug/l	
100-41-4	Ethylbenzene	70.3	2.0	0.45	ug/l	
1330-20-7	Xylene (total)	81.0	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		73-126%
17060-07-0	1,2-Dichloroethane-D4	98%		61-136%
2037-26-5	Toluene-D8	100%		80-125%
460-00-4	4-Bromofluorobenzene	99%		65-147%

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

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

Report of Analysis

Page 1 of 1

Client Sample ID:	MW-5	Date Sampled:	09/17/08
Lab Sample ID:	T23913-5	Date Received:	09/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream - C Line/Lea County, NM		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044366.D	1	09/26/08	JL	n/a	n/a	VZ2219
Run #2							

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

Purgeable Aromatics

CAS No.	Compound	Result	MQL	SDL	Units	Q
71-43-2	Benzene	0.73	2.0	0.46	ug/l	J
108-88-3	Toluene	0.70	2.0	0.48	ug/l	J
100-41-4	Ethylbenzene	0.45 U	2.0	0.45	ug/l	
1330-20-7	Xylene (total)	1.4 U	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		73-126%
17060-07-0	1,2-Dichloroethane-D4	89%		61-136%
2037-26-5	Toluene-D8	102%		80-125%
460-00-4	4-Bromofluorobenzene	102%		65-147%

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

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

Report of Analysis

Page 1 of 1

Client Sample ID:	MW-7	Date Sampled:	09/17/08
Lab Sample ID:	T23913-6	Date Received:	09/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream - C Line/Lea County, NM		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044367.D	1	09/26/08	JL	n/a	n/a	VZ2219
Run #2							

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

Purgeable Aromatics

CAS No.	Compound	Result	MQL	SDL	Units	Q
71-43-2	Benzene	0.46 U	2.0	0.46	ug/l	
108-88-3	Toluene	0.48 U	2.0	0.48	ug/l	
100-41-4	Ethylbenzene	0.45 U	2.0	0.45	ug/l	
1330-20-7	Xylene (total)	1.4 U	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		73-126%
17060-07-0	1,2-Dichloroethane-D4	91%		61-136%
2037-26-5	Toluene-D8	101%		80-125%
460-00-4	4-Bromofluorobenzene	104%		65-147%

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

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

Report of Analysis

Page 1 of 1

Client Sample ID: MW-8
 Lab Sample ID: T23913-7
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream - C Line/Lea County, NM

Date Sampled: 09/17/08
 Date Received: 09/23/08
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044368.D	1	09/26/08	JL	n/a	n/a	VZ2219
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	MLQ	SDL	Units	Q
71-43-2	Benzene	0.46 U	2.0	0.46	ug/l	
108-88-3	Toluene	0.48 U	2.0	0.48	ug/l	
100-41-4	Ethylbenzene	0.45 U	2.0	0.45	ug/l	
1330-20-7	Xylene (total)	1.4 U	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		73-126%
17060-07-0	1,2-Dichloroethane-D4	96%		61-136%
2037-26-5	Toluene-D8	103%		80-125%
460-00-4	4-Bromofluorobenzene	105%		65-147%

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

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

Report of Analysis

Page 1 of 1

Client Sample ID: MW-9
 Lab Sample ID: T23913-8
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream - C Line/Lea County, NM

Date Sampled: 09/17/08
 Date Received: 09/23/08
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044369.D	1	09/26/08	JL	n/a	n/a	VZ2219
Run #2							

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

Purgeable Aromatics

CAS No.	Compound	Result	MQL	SDL	Units	Q
71-43-2	Benzene	0.46 U	2.0	0.46	ug/l	
108-88-3	Toluene	0.48 U	2.0	0.48	ug/l	
100-41-4	Ethylbenzene	0.45 U	2.0	0.45	ug/l	
1330-20-7	Xylene (total)	1.4 U	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		73-126%
17060-07-0	1,2-Dichloroethane-D4	95%		61-136%
2037-26-5	Toluene-D8	101%		80-125%
460-00-4	4-Bromofluorobenzene	107%		65-147%

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

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

Report of Analysis

Page 1 of 1

Client Sample ID:	DUP	Date Sampled:	09/17/08
Lab Sample ID:	T23913-9	Date Received:	09/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream - C Line/Lea County, NM		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044370.D	1	09/26/08	JL	n/a	n/a	VZ2219
Run #2							

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

Purgeable Aromatics

CAS No.	Compound	Result	MQL	SDL	Units	Q
71-43-2	Benzene	0.46 U	2.0	0.46	ug/l	
108-88-3	Toluene	0.48 U	2.0	0.48	ug/l	
100-41-4	Ethylbenzene	0.45 U	2.0	0.45	ug/l	
1330-20-7	Xylene (total)	1.4 U	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		73-126%
17060-07-0	1,2-Dichloroethane-D4	96%		61-136%
2037-26-5	Toluene-D8	102%		80-125%
460-00-4	4-Bromofluorobenzene	106%		65-147%

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

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

Report of Analysis

Page 1 of 1

Client Sample ID:	TRIP BLANK	Date Sampled:	09/17/08
Lab Sample ID:	T23913-10	Date Received:	09/23/08
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream - C Line/Lea County, NM		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044361.D	1	09/26/08	JL	n/a	n/a	VZ2219
Run #2							

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

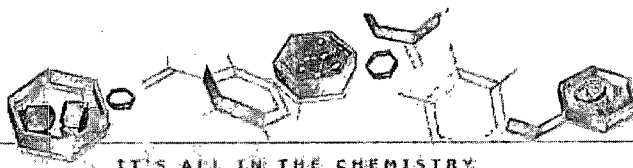
Purgeable Aromatics

CAS No.	Compound	Result	MQL	SDL	Units	Q
71-43-2	Benzene	0.46 U	2.0	0.46	ug/l	
108-88-3	Toluene	0.48 U	2.0	0.48	ug/l	
100-41-4	Ethylbenzene	0.45 U	2.0	0.45	ug/l	
1330-20-7	Xylene (total)	1.4 U	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		73-126%
17060-07-0	1,2-Dichloroethane-D4	99%		61-136%
2037-26-5	Toluene-D8	102%		80-125%
460-00-4	4-Bromofluorobenzene	107%		65-147%

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

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



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Quote #:

3.1

16 of 28
T23913
ACCUTEST.
Laboratories

SAMPLE INSPECTION FORM

Accutest Job Number: T23913 Client: DCP MIDSTREAM Project: DCP MIDSTREAM C LINE SITE
 Date/Time Received: 9.23.06 9:20 # of Coolers Received: 1 Thermometer # 110
 Cooler Temps: #1: 2.2 #2: #3: #4: #5: #6: #7: #8:
 Method of Delivery: FEDEX UPS Accutest Courier Greyhound Delivery Other
 Airbill Numbers: 8668-2464-2357

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 rec'd 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: [Signature] 9.23.06

INFORMATION AND SAMPLE LABELING VERIFIED BY:

CORRECTIVE ACTIONS

Client Representative Notified: Date:

By Accutest Representative: Via: Phone Email

Client Instructions:

1:\mwalker\forms\samplemanagement

٧٠

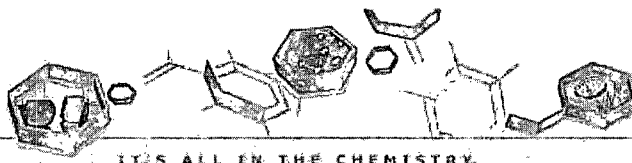
3

CLIENT: DCP Midstream INITIALS: /t

[illegible]

Rev 8/13/01 ewp

T23913: Chain of Custody
Page 3 of 3



IT'S ALL IN THE CHEMISTRY



GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Page 1 of 1

Job Number: T23913
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2219-MB	Z0044360.D	1	09/26/08	JL	n/a	n/a	VZ2219

The QC reported here applies to the following samples:

Method: SW846 8260B

T23913-1, T23913-2, T23913-4, T23913-5, T23913-6, T23913-7, T23913-8, T23913-9, T23913-10

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.46	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	98% 73-126%
17060-07-0	1,2-Dichloroethane-D4	98% 61-136%
2037-26-5	Toluene-D8	102% 80-125%
460-00-4	4-Bromofluorobenzene	102% 65-147%

Method Blank Summary

Page 1 of 1

Job Number: T23913
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2221-MB	Z0044411.D	1	09/27/08	JL	n/a	n/a	VZ2221

The QC reported here applies to the following samples:

Method: SW846 8260B

T23913-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.46	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	95% 73-126%
17060-07-0	1,2-Dichloroethane-D4	81% 61-136%
2037-26-5	Toluene-D8	98% 80-125%
460-00-4	4-Bromofluorobenzene	97% 65-147%

Method Blank Summary

Page 1 of 1

Job Number: T23913
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM410-MB	M0009823.D1		09/30/08	RS	n/a	n/a	VM410

The QC reported here applies to the following samples:

Method: SW846 8260B

T23913-3

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.46	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	90% 73-126%
17060-07-0	1,2-Dichloroethane-D4	80% 61-136%
2037-26-5	Toluene-D8	101% 80-125%
460-00-4	4-Bromofluorobenzene	143% 65-147%

Blank Spike Summary

Page 1 of 1

Job Number: T23913

Account: AECCOLI American Environmental Consulting

Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2219-BS	Z0044358.D	1	09/26/08	JL	n/a	n/a	VZ2219

The QC reported here applies to the following samples:

Method: SW846 8260B

T23913-1, T23913-2, T23913-4, T23913-5, T23913-6, T23913-7, T23913-8, T23913-9, T23913-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.4	102	41-145
100-41-4	Ethylbenzene	25	25.6	102	49-135
108-88-3	Toluene	25	25.9	104	66-128
1330-20-7	Xylene (total)	75	73.6	98	67-122

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	73-126%
17060-07-0	1,2-Dichloroethane-D4	98%	61-136%
2037-26-5	Toluene-D8	100%	80-125%
460-00-4	4-Bromofluorobenzene	99%	65-147%

Blank Spike Summary

Page 1 of 1

Job Number: T23913

Account: AECCOLI American Environmental Consulting

Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2221-BS	Z0044409.D	1	09/27/08	JL	n/a	n/a	VZ2221

The QC reported here applies to the following samples:

Method: SW846 8260B

T23913-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.4	98	41-145
100-41-4	Ethylbenzene	25	24.4	98	49-135

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	73-126%
17060-07-0	1,2-Dichloroethane-D4	80%	61-136%
2037-26-5	Toluene-D8	96%	80-125%
460-00-4	4-Bromofluorobenzene	93%	65-147%

Blank Spike Summary

Page 1 of 1

Job Number: T23913
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM410-BS	M0009820.D 1		09/30/08	RS	n/a	n/a	VM410

4.2



The QC reported here applies to the following samples:

Method: SW846 8260B

T23913-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.5	102	41-145
100-41-4	Ethylbenzene	25	25.4	102	49-135
108-88-3	Toluene	25	26.1	104	66-128
1330-20-7	Xylene (total)	75	76.2	102	67-122

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	89%	73-126%
17060-07-0	1,2-Dichloroethane-D4	82%	61-136%
2037-26-5	Toluene-D8	102%	80-125%
460-00-4	4-Bromofluorobenzene	137%	65-147%



25 of 28
ACCUTEST
T23913 Laboratories

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T23913

Account: AECCOLI American Environmental Consulting

Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T23913-7MS	Z0044378.D	1	09/27/08	JL	n/a	n/a	VZ2219
T23913-7MSD	Z0044379.D	1	09/27/08	JL	n/a	n/a	VZ2219
T23913-7	Z0044368.D	1	09/26/08	JL	n/a	n/a	VZ2219

The QC reported here applies to the following samples:

Method: SW846 8260B

T23913-1, T23913-2, T23913-4, T23913-5, T23913-6, T23913-7, T23913-8, T23913-9, T23913-10

CAS No.	Compound	T23913-7 ug/l	Spike Q	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	2.0 U	25	24.2	97	24.5	98	1	60-131/12
100-41-4	Ethylbenzene	2.0 U	25	24.9	100	25.1	100	1	58-127/13
108-88-3	Toluene	2.0 U	25	25.4	102	24.8	99	2	67-123/11
1330-20-7	Xylene (total)	6.0 U	75	70.6	94	71.9	96	2	62-125/14

CAS No.	Surrogate Recoveries	MS	MSD	T23913-7	Limits
1868-53-7	Dibromofluoromethane	97%	99%	96%	73-126%
17060-07-0	1,2-Dichloroethane-D4	94%	97%	96%	61-136%
2037-26-5	Toluene-D8	100%	103%	103%	80-125%
460-00-4	4-Bromofluorobenzene	99%	101%	105%	65-147%

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T23913
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T23917-4MS	Z0044423.D	1	09/27/08	JL	n/a	n/a	VZ2221
T23917-4MSD	Z0044424.D	1	09/27/08	JL	n/a	n/a	VZ2221
T23917-4	Z0044415.D	1	09/27/08	JL	n/a	n/a	VZ2221

The QC reported here applies to the following samples:

Method: SW846 8260B

T23913-1

CAS No.	Compound	T23917-4 ug/l	Spike Q ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	2.0 U	25	23.7	95	23.4	94	1	60-131/12
100-41-4	Ethylbenzene	2.0 U	25	24.8	99	23.4	94	6	58-127/13

CAS No.	Surrogate Recoveries	MS	MSD	T23917-4	Limits
1868-53-7	Dibromofluoromethane	95%	96%	96%	73-126%
17060-07-0	1,2-Dichloroethane-D4	77%	77%	85%	61-136%
2037-26-5	Toluene-D8	99%	99%	99%	80-125%
460-00-4	4-Bromofluorobenzene	95%	96%	99%	65-147%

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T23913
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T23913-3MS	M0009826.D 50		09/30/08	RS	n/a	n/a	VM410
T23913-3MSD	M0009827.D 50		09/30/08	RS	n/a	n/a	VM410
T23913-3	M0009824.D 50		09/30/08	RS	n/a	n/a	VM410

The QC reported here applies to the following samples:

Method: SW846 8260B

T23913-3

CAS No.	Compound	T23913-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	6140		1250	6970	66	6950	65	0	60-131/12
100-41-4	Ethylbenzene	386		1250	1590	96	1550	93	3	58-127/13
108-88-3	Toluene	3300		1250	4400	88	4340	83	1	67-123/11
1330-20-7	Xylene (total)	674		3750	4340	98	4230	95	3	62-125/14

CAS No.	Surrogate Recoveries	MS	MSD	T23913-3	Limits
1868-53-7	Dibromofluoromethane	89%	88%	89%	73-126%
17060-07-0	1,2-Dichloroethane-D4	83%	85%	82%	61-136%
2037-26-5	Toluene-D8	101%	101%	101%	80-125%
460-00-4	4-Bromofluorobenzene	138%	137%	138%	65-147%



RECEIVED

2008 MAY 23 PM 12:05

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

May 21, 2008

Mr. Wayne Price
Environmental Bureau Chief
New Mexico Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

**RE: 1st Quarter 2008 Groundwater Monitoring Results
DCP C-Line Pipeline Release (1RP-401-0), Lea County, NM
Unit O Section 31, T19S, R37E**

Dear Mr. Price:

DCP Midstream, LP (DCP) is pleased to submit for your review, one copy of the 1st Quarter 2008 Groundwater Monitoring Results for the DCP C-Line Pipeline Release Site located in Lea County, New Mexico (Unit O Section 31, T19S, R37E, Latitude 32° 31' 29.7" N Longitude 103° 17' 11.7 W).

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

Sincerely

DCP Midstream, LP

Stephen Weathers, PG
Sr. Environmental Specialist

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

RECEIVED
MAY 23 PM 12 05

April 30, 2008

Mr. Stephen Weathers
DCP Midstream, LP
370 17th Street, Suite 2500
Denver, CO 80202

Re: Summary of the First Quarter 2008 Groundwater Monitoring Results for the
C-Line 50602 Release Location in Lea County New Mexico
Unit O, Section 31, Township 19 South, Range 37 East (1RP-401-0)

Dear Mr. Weathers:

This report summarizes the first quarter 2008 groundwater monitoring activities completed at the C-Line 50602 release location for DCP Midstream, LP (DCP). The monitoring activities were completed on March 6, 2008. The site is located in the southwestern quarter of the southeastern quarter (Unit O) of Section 31, Township 19 South, Range 37 East (Figure 1). The approximate coordinates are 32 degrees 31 minutes north, 103 degrees 17 minutes west.

The groundwater-monitoring network includes the nine wells shown on Figure 2. Table 1 summarizes construction information for each well.

SUMMARY OF MONITORING ACTIVITIES

The depth to water and free phase hydrocarbons (FPH), if present, were measured in each well prior to purging and sampling. The calculated groundwater elevations for all monitoring episodes are summarized in Table 2.

None of the wells contained FPH. The historical FPH thickness values for MW-1 and MW-4 are summarized in Table 3. FPH has not been measured in MW-1 since June 2005 and in MW-2 since March 2007.

Eight of the nine wells were purged and sampled. Well MW-6 was not sampled because it is located down gradient from unaffected boundary wells MW-7, MW-8 and MW-9 so it does not provide useful information relative to this study.

The wells were purged using dedicated bailers until a minimum of three casing volumes were removed and the field parameters temperature, pH and conductivity stabilized. The well purging forms are attached. The affected purge water was stored on site for ultimate disposal at the DCP Linam Ranch facility.

Unfiltered samples were collected following well stabilization using the same dedicated bailers. All of the samples were placed in an ice-filled chest immediately upon collection and delivered to the analytical laboratory (ACCUTEST Laboratory) using standard chain-of-custody protocol. The samples were analyzed for benzene, toluene, ethylbenzene and total xylenes (BTEX).

The laboratory analyses for the sampling episode are summarized in the upper part of Table 4. The laboratory report is attached.

The lower part of Table 4 includes the quality assurance/quality control (QA/QC) information. The QA/QC evaluation includes:

- The samples were received at an acceptable temperature.
- Samples were reanalyzed as necessary until all of the individual surrogate spikes were within their control limits.
- The relative percentage difference (RPD) values were less than 10 percent.
- The matrix spike and matrix spike duplicate results from the MW-7 were all within their respective control ranges and exhibited good agreement.

The information above indicates that the data is suitable for evaluating routine groundwater monitoring data.

RESULTS AND INTERPRETATIONS

Figure 3 includes hydrographs for all site wells. The water table elevations decreased by varying degrees in all of the wells except MW-1.

Figure 4 shows the March 2008 calculated groundwater contours as generated using the Surfer® program with the kriging option. The water table exhibits a consistent gradient toward the southeast. This pattern reflects the historic trends.

Figure 5 depicts the spatial March 2008 benzene distribution. Benzene was reported at 0.31 mg/l in MW-1 and an average value of 8.36 mg/l in MW-3 and its duplicate. The remaining wells, particularly down-gradient boundary wells MW-7, MW-8 and MW-9, did not contain benzene above the 0.002 mg/l method reporting limit.

Table 5 summarizes all of the analytical data collected to date. The changes in benzene concentrations are plotted for wells MW-1 and MW-3 on Figure 6. Sampling in MW-1 began in December 2005 after removal of the FPH was completed. The benzene concentration in MW-1 increased December 2007 and March 2008. The sampling in MW-3 began at the start of the project in November 2002. The benzene concentration increased slightly from the prior episode; however, the concentrations have fallen substantially since September 2006.

Mr. Stephen Weathers
April 30, 2008
Page 3

The benzene concentration in MW-4 declined below the method reporting limit for the first time since sampling began. Benzene was not detected at or above the 0.001 mg/l method reporting limit in either MW-2 or MW- 5 for the ninth consecutive monitoring episode.

It is important to note that MW-4 lies directly down-gradient from the original release area surrounding MW-1 that was remediated immediately following the spill. The benzene decline in MW-4 demonstrates that the source removal activities resulted in attenuation of the down-gradient dissolved-phase hydrocarbons.

The wells are gauged regularly for FPH and the vacuum extraction system is operated as necessary to ensure that no FPH is present in the wells. The system will be stopped (if operating) two weeks before the next sampling event to ensure accurate FPH measurement.

The next monitoring event is scheduled for the third quarter of 2008 per approval by the OCD. AEC will provide appropriate notification prior to the onset of sampling activities.

Sincerely,
AMERICAN ENVIRONMENTAL CONSULTING, LLC

A handwritten signature in black ink, appearing to read "Michael H. Stewart".

Michael H. Stewart, P.E., C.P.G.
Principal Engineer
MHS/tbm

TABLES

Table 1 – Summary of Well Construction Information

Well	Top of Casing Elevation	Ground Elevation	Screen Diameter	Screened Interval	Sand Interval	Total Depth
MW-1	3,541.21	3,538.64	4"	82.5-97.5	81-98	98
MW-2	3,540.91	3,537.70	2"	81-101	77-102	102
MW-3	3,541.41	3,539.30	2"	80-100	78-103	103
MW-4	3,541.40	3,538.51	2"	80-100	78-103	103
MW-5	3,541.45	3,538.69	2"	80-100	78-102	102
MW-6	3,543.98	3,540.94	2"	79-99	75-102	102
MW-7	3,542.42	3,540.20	2"	82.5-97.5	77-98*	98
MW-8	3,540.29	3,538.08	2"	82.5-97.5	81-98	98
MW-9	3,539.62	3,537.33	2"	82.5-97.5	81-98	98

All units in feet except as noted

* Well MW-7 has a natural sand pack from 93 to 98 feet

Table 2 – Summary of Corrected Water Table Elevations

Well	Nov. 02	Feb. 03	Apr. 03	Oct. 03	Jan. 04	Jun. 04	Sep. 04	Dec. 04	Mar. 05	Jun. 05	Sep. 05	Dec. 05	Mar. 06
MW-1	3452.01	3451.60	3451.73	3451.35	3451.34	3451.23	3451.19	3450.97	3451.22	3451.99	3451.96	3451.88	3451.96
MW-2	3452.11	3451.97	3451.96	3451.87	3451.84	3451.73	3451.72	3451.91	3452.08	3452.22	3452.19	3452.10	3452.18
MW-3	3452.25	3451.37	3451.33	3451.27	3451.22	3451.06	3451.01	3451.24	3451.37	3451.51	3451.58	3451.46	3451.52
MW-4	3451.56	3451.32	3451.21	3451.25	3451.19	3451.02	3450.88	3451.19	3451.25	3451.26	3451.38	3450.42	3451.34
MW-5	3451.39	3451.21	3451.09	3451.20	3451.11	3450.86	3450.75	3451.10	3451.14	3451.35	3451.18	3451.32	3451.18
MW-6	3448.77	3448.51	3448.38	3448.46	3448.37	3448.14	3448.03	3448.91	3448.64	3448.62	3448.44	3448.50	3448.26
MW-7				3450.76	3450.72	3450.57	3450.47	3450.70	3450.80	3450.99	3450.99	3450.86	3450.86
MW-8				3450.35	3450.22	3450.03	3449.85	3450.21	3450.23	3450.41	3450.24	3450.40	3450.18
MW-9				3450.21	3450.03	3449.81	3449.67	3450.13	3450.11	3450.38	3450.04	3450.25	3449.99

Well	Jun 06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08
MW-1	3451.88	3451.86	3451.82	3451.83	3451.64	3451.62	3451.74	3452.17
MW-2	3452.13	3452.12	3452.06	3452.07	3452.04	3452.13	3451.91	3451.87
MW-3	3451.45	3451.43	3451.40	3451.40	3451.21	3451.36	3451.30	3451.14
MW-4	3451.40	3451.34	3451.33	3451.36	3450.99	3451.07	3451.34	3450.98
MW-5	3451.16	3451.16	3451.22	3451.27	3450.87	3451.05	3451.32	3450.87
MW-6	3448.28	3448.27	3448.30	3448.36	3447.97	3448.15	3448.40	3448.04
MW-7	3450.81	3450.83	3450.78	3450.80	3450.52	3450.72	3450.77	3450.51
MW-8	3450.14	3450.21	3450.28	3450.35	3449.86	3450.08	3450.32	3449.91
MW-9	3449.92	3450.02	3450.15	3450.19	3449.79	3449.95	3450.26	3449.80

Notes:

All units in feet.

Blank cells: wells not installed

The groundwater elevation values for MW-1 and MW-4 were corrected when free phase hydrocarbons were present using the following formula (all values in feet):

$$GWE_{\text{corr}} = MGWE + (PT \cdot PD); \text{ where}$$

- MGWE is the actual measured groundwater elevation;
- PT is the measured free-phase hydrocarbon thickness, and
- PD is the free phase hydrocarbon density (assumed 0.7).

Table 3 – C-Line Free Phase Hydrocarbon Thickness Measurements

Date	MW-1	MW-4
11/02/02	3.15	0.00
02/17/03	3.62	0.00
04/16/03	2.92	0.00
10/30/03	3.21	0.00
06/29/04	2.66	0.00
09/28/04	2.16	0.21
12/08/04	0.13	1.18
03/16/05	0.04	3.03
06/06/05	0.02	0.07
09/20/05	0.00	0.16
12/15/05	0.00	0.21
03/21/06	0.00	0.03
06/27/06	0.00	0.00
09/16/06	0.00	0.00
12/11/06	0.00	0.00
3/14/07	0.00	0.06
6/20/07	0.00	0.00
9/26/07	0.00	0.00
12/27/07	0.00	0.00
3/6/08	0.00	0.00

Units are feet

Table 4 – December 2007 Sample Results and QA/QC Evaluation

Analytical Results

Well	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW-1	0.31	0.07	0.94	1.58
MW-2	<0.002	<0.002	<0.002	<0.006
MW-3	8.22	4.30	0.58	1.03
MW-3 (duplicate)	8.50	4.42	0.55	0.94
MW-4	<0.002	<0.002	<0.002	<0.006
MW-5	<0.002	<0.002	<0.002	<0.006
MW-6	NS	NS	NS	NS
MW-7	<0.002	<0.002	<0.002	<0.006
MW-8	<0.002	<0.002	<0.002	<0.006
MW-9	<0.002	<0.002	<0.002	<0.006
Trip Blank	<0.002	<0.002	<0.002	<0.006

Notes: All units mg/l

NS: Well not sampled

MW-3 Duplicate Sample Evaluation

	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW-3 RPD (%)	3.3%	2.8%	5.8%	9.1%

Matrix Spike and Matrix Spike Duplicate Results

	Benzene	Toluene	Ethylbenzene	Xylenes (total)
Matrix Spike	94	104	98	103
Matrix Spike Duplicate	92	104	99	102

Percent recovery limits are 80% to 120%

Table 5 - Summary of Analytical Results

Benzene	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9
11/15/02	FPH	<0.001	0.017	0.114	<0.001	<0.001			
02/18/03	FPH	0.29	2.52	1.12	0.328	0.001			
04/17/03	FPH	0.175	3.18	0.782	0.128	0.002			
10/28/03	FPH	0.018	5.01	0.077	0.164	<0.001	<0.001	<0.001	<0.001
01/29/04	FPH	0.0848	6.06	0.320	0.226	0.00382	<0.001	0.00139	<0.001
06/29/04	FPH	0.0582	9.84	0.461	0.249	<0.00019	0.000456	0.00248	<0.00019
09/28/04	FPH	0.329	11.2	FPH	0.0336	<0.001	<0.001	<0.001	<0.001
12/06/04	FPH	0.0355	12.0	FPH	0.0137	<0.001	<0.001	<0.001	<0.001
03/16/05	FPH	0.00523	10.9	FPH	0.00371	<0.001	<0.001	<0.001	<0.001
06/06/05	FPH	0.0017	8.83	FPH	0.00169	<0.001	0.000695	0.000955	<0.001
09/20/05	FPH	<0.001	10.75	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
12/15/05	2.14	<0.001	9.57	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/21/06	1.32	<0.001	6.55	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/26/06	2.17	<0.001	9.67	9.08	<0.001	<0.001	<0.001	<0.001	<0.001
09/16/06	4.27	<0.001	10.55	0.51	<0.001	<0.001	<0.001	<0.001	<0.001
12/11/06	<0.001	<0.001	7.49	0.17	<0.001	<0.001	<0.001	<0.001	<0.001
03/14/07	5.59	<0.001	6.41	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/20/07	3.82	<0.001	6.41	1.80	<0.001	NS	<0.001	<0.001	<0.001
09/26/07	1.75	<0.001	5.54	0.43	<0.001	NS	<0.001	<0.001	<0.001
12/27/07	1.92	<0.002	5.89	0.11	<0.002	NS	<0.002	<0.002	<0.002
03/06/08	0.31	<0.002	8.36	<0.002	<0.002	NS	<0.002	<0.002	<0.002

Toluene	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9
11/15/02	FPH	<0.001	0.005	0.039	<0.001	<0.001			
02/18/03	FPH	0.014	0.634	0.436	0.056	<0.001			
04/17/03	FPH	0.007	0.513	0.45	0.007	<0.001			
10/28/03	FPH	0.001	0.275	0.029	0.048	<0.001	<0.001	<0.001	<0.001
01/29/04	FPH	0.0350	0.506	0.169	0.064	0.00140	<0.001	0.00109	<0.001
06/29/04	FPH	0.000219	0.0917	0.0202	0.00172	<0.00014	<0.00014	<0.00014	<0.00014
09/28/04	FPH	0.0174	0.0218	FPH	0.00281	<0.001	<0.001	<0.001	<0.001
12/06/04	FPH	0.0017	0.0438	FPH	0.00318	<0.001	<0.001	<0.001	<0.001
03/16/05	FPH	<0.001	0.013	FPH	0.00038	<0.001	<0.001	<0.001	<0.001
06/06/05	FPH	<0.001	0.056	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
9/20/05	FPH	<0.001	0.1355	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
12/15/05	1.37	<0.001	0.414	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/21/06	0.931	<0.001	1.575	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/26/06	1.42	<0.001	2.93	5.73	<0.001	<0.001	<0.001	<0.001	<0.001
09/16/06	0.508	<0.001	3.48	0.0415	<0.001	<0.001	<0.001	<0.001	<0.001
12/11/06	<0.001	<0.001	3.35	0.139	<0.001	<0.001	<0.001	<0.001	<0.001
03/14/07	0.232	<0.001	2.75	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/20/07	0.43	<0.001	3.49	0.98	<0.001	NS	<0.001	<0.001	<0.001
09/26/07	0.097	<0.001	2.555	0.35	<0.001	NS	<0.001	<0.001	<0.001
12/27/07	0.0372	<0.002	2.81	0.145	<0.002	NS	<0.002	<0.002	<0.002
03/06/08	0.07	<0.002	4.36	<0.002	<0.002	NS	<0.002	<0.002	<0.002

Notes: 1) All units mg/l, 2) Duplicate results averaged, 3) "J" qualifiers are not included in summary

4) Wells not installed where blank cells are present, 5) FPH free phase hydrocarbons present so no sample collected

6) NS: Well not sampled, see text for explanation

Table 5 – Summary of Analytical Results (continued)

Ethylbenzene	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9
11/15/02	FPH	<0.001	<0.001	0.002	<0.001	<0.001			
02/18/03	FPH	0.001	0.021	0.022	0.004	<0.001			
04/17/03	FPH	<0.001	0.028	0.029	<0.001	<0.001			
10/28/03	FPH	<0.001	0.031	0.002	0.002	<0.001	<0.001	<0.001	<0.001
01/29/04	FPH	0.00292	0.0679	0.0203	0.00404	0.00133	<0.001	0.00112	<0.001
06/29/04	FPH	0.00534	0.0873	0.352	0.0603	<0.00013	<0.00013	0.000633	<0.00013
09/28/04	FPH	<0.001	0.105	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
12/06/04	FPH	<0.001	0.154	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/16/05	FPH	<0.001	0.150	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/06/05	FPH	<0.001	0.1535	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
09/20/05	FPH	<0.001	0.288	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
12/15/05	0.313	<0.001	0.173	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/21/06	0.419	<0.001	0.4085	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/26/06	0.534	<0.001	0.0333	1.03	<0.001	<0.001	<0.001	<0.001	<0.001
09/16/06	0.153	<0.001	0.288	0.21	<0.001	<0.001	<0.001	<0.001	<0.001
12/11/06	<0.001	<0.001	0.391	0.111	<0.001	<0.001	<0.001	<0.001	<0.001
03/14/07	0.453	<0.001	0.3185	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/20/07	0.40	<0.001	0.52	0.61	<0.001	NS	<0.001	<0.001	<0.001
09/26/07	0.37	<0.001	0.35	0.19	<0.001	NS	<0.001	<0.001	<0.001
12/27/07	0.278	<0.002	0.316	0.0837	<0.002	NS	<0.002	<0.002	<0.002
03/06/08	0.94	<0.002	0.57	<0.002	<0.002	NS	<0.002	<0.002	<0.002

Xylenes	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9
11/15/02	FPH	<0.001	<0.001	0.003	<0.001	<0.001			
02/18/03	FPH	0.001	0.064	0.032	0.004	<0.001			
04/17/03	FPH	<0.001	0.1	0.055	<0.001	<0.001			
10/28/03	FPH	<0.001	0.083	0.008	0.004	<0.001	<0.001	<0.001	<0.001
01/29/04	FPH	0.00474	0.0849	0.053	0.0074	0.00194	<0.001	0.00217	<0.001
06/29/04	FPH	0.001	0.02404	0.074	0.004	<0.0002	<0.0002	<0.0002	<0.0002
09/28/04	FPH	<0.001	0.0213	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
12/06/04	FPH	<0.001	0.0237	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/16/05	FPH	<0.001	0.02842	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/06/05	FPH	<0.001	0.0502	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
09/20/05	FPH	<0.001	0.221	FPH	<0.001	<0.001	<0.001	<0.001	0.00105
12/15/05	1.334	<0.001	0.177	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/21/06	1.379	<0.001	0.9015	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/26/06	1.722	<0.001	0.414	5.69	<0.001	<0.001	<0.001	<0.001	<0.001
09/16/06	0.323	<0.001	0.384	1.028	<0.001	<0.001	<0.001	<0.001	<0.001
12/11/06	<0.001	<0.001	0.557	0.466	<0.001	<0.001	<0.001	<0.001	<0.001
03/14/07	0.27	<0.001	0.501	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/20/07	0.79	<0.002	0.78	2.65	<0.002	NS	<0.002	<0.002	<0.002
09/26/07	0.47	<0.002	0.515	0.93	<0.002	NS	<0.002	<0.002	<0.002
12/27/07	0.0736	<0.006	0.4615	0.425	<0.006	NS	<0.006	<0.006	<0.006
03/06/08	1.58	<0.006	0.99	<0.006	<0.006	NS	<0.006	<0.006	<0.006

Notes: 1) All units mg/l, 2) Duplicate results averaged, 3) "J" qualifiers are not included in summary

4) Wells not installed where blank cells are present, 5) FPH free phase hydrocarbons present so no sample collected

6) NS: Well not sampled, see text for explanation

FIGURES

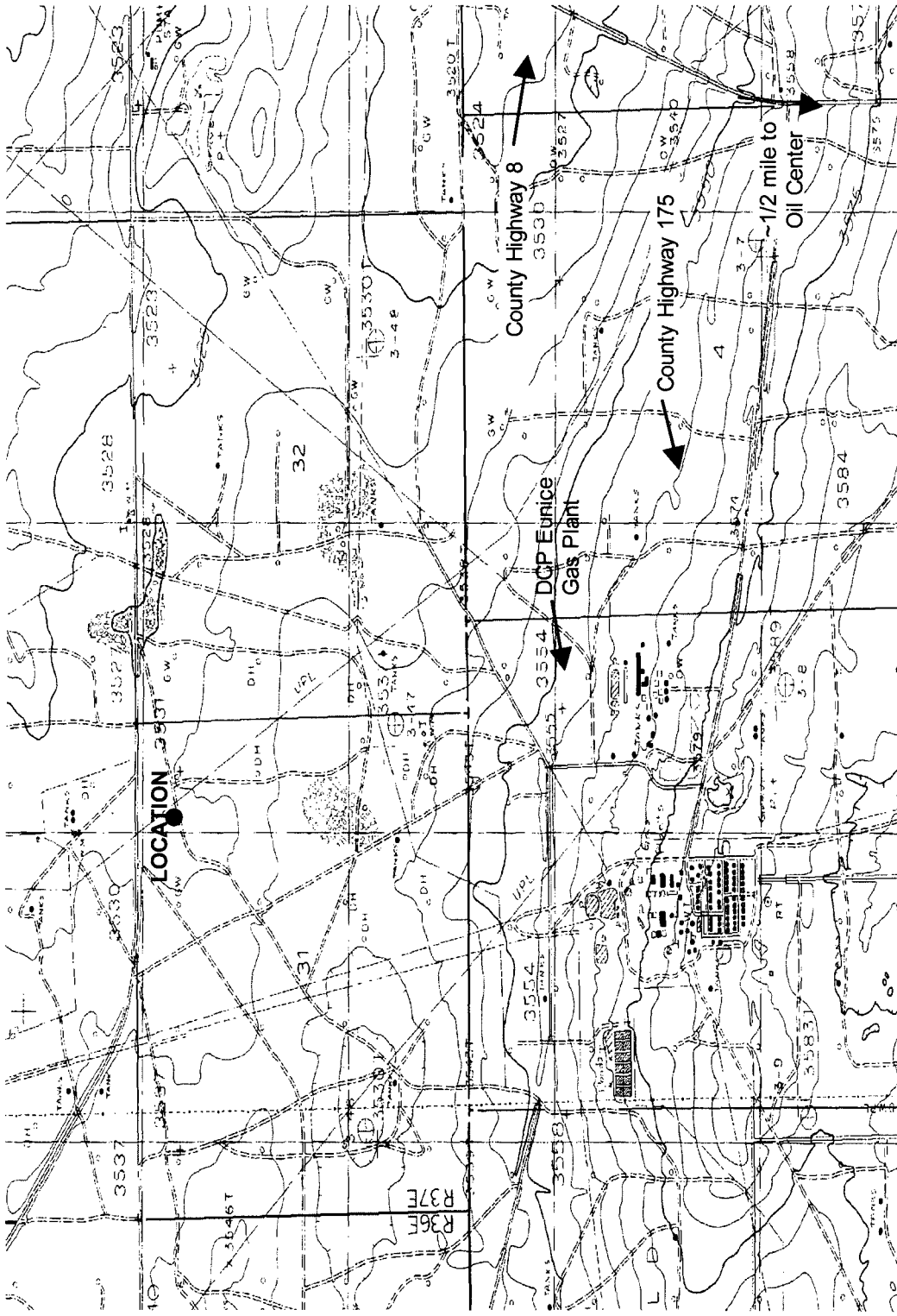


Figure 1 – Site Location and Topography

C-Line Groundwater Monitoring

dgp
Midstream

DRAWN BY:

DATE: 5/05

0 5,000 feet

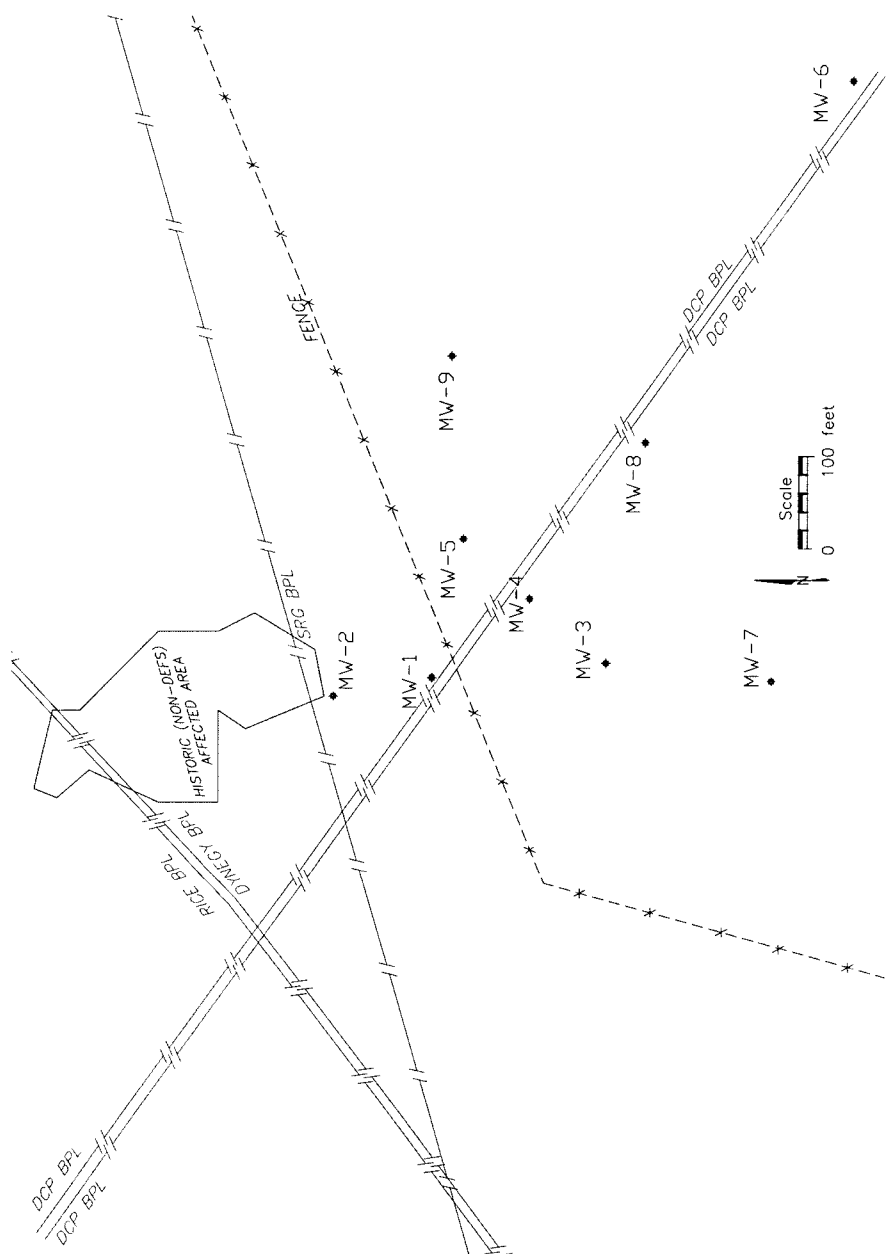


Figure 2 – Monitoring Well and Pipeline Locations

C-Line Groundwater Monitoring

dep
Midstream.

DRAWN BY:

DATE: 10/07

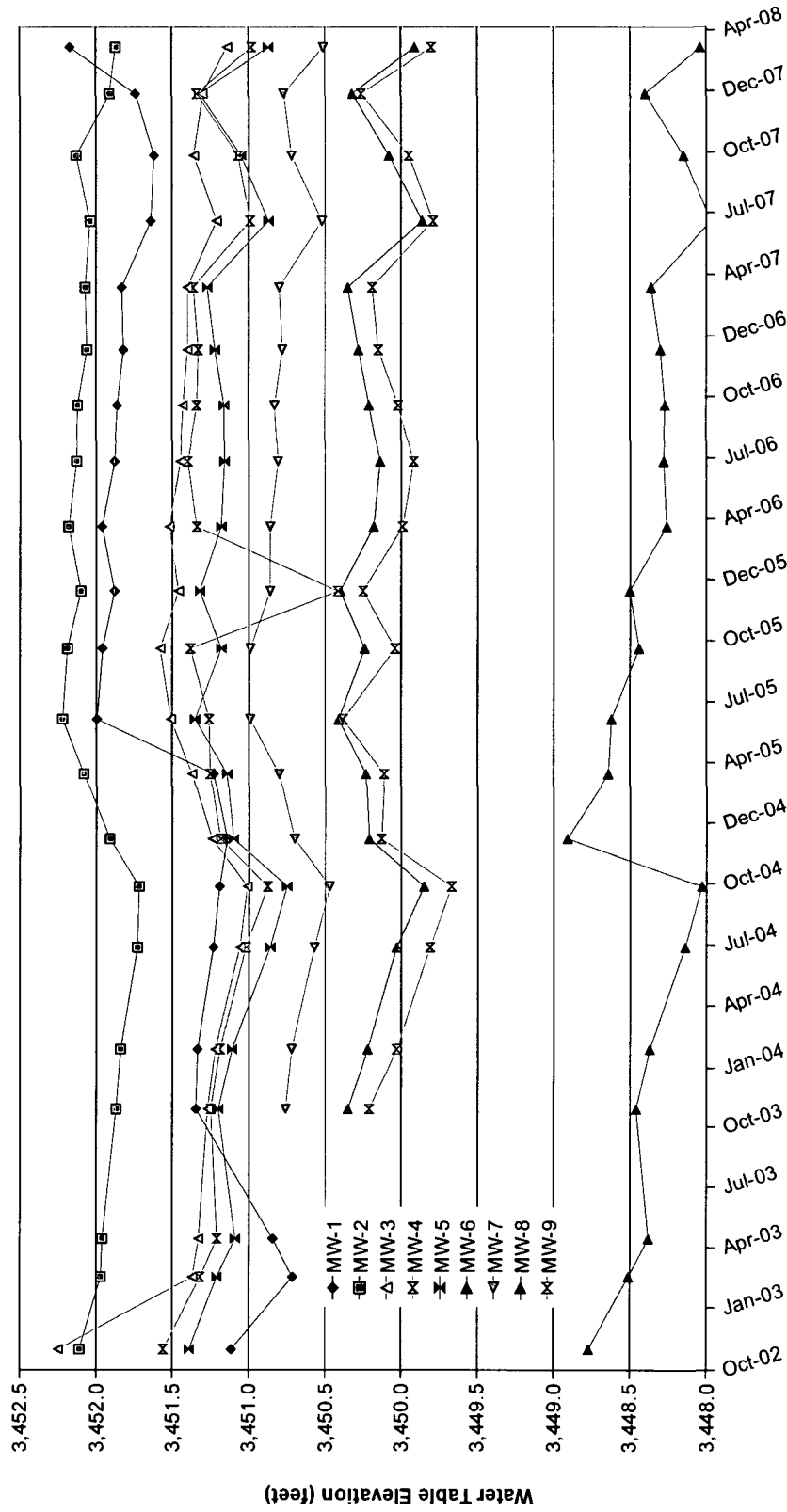


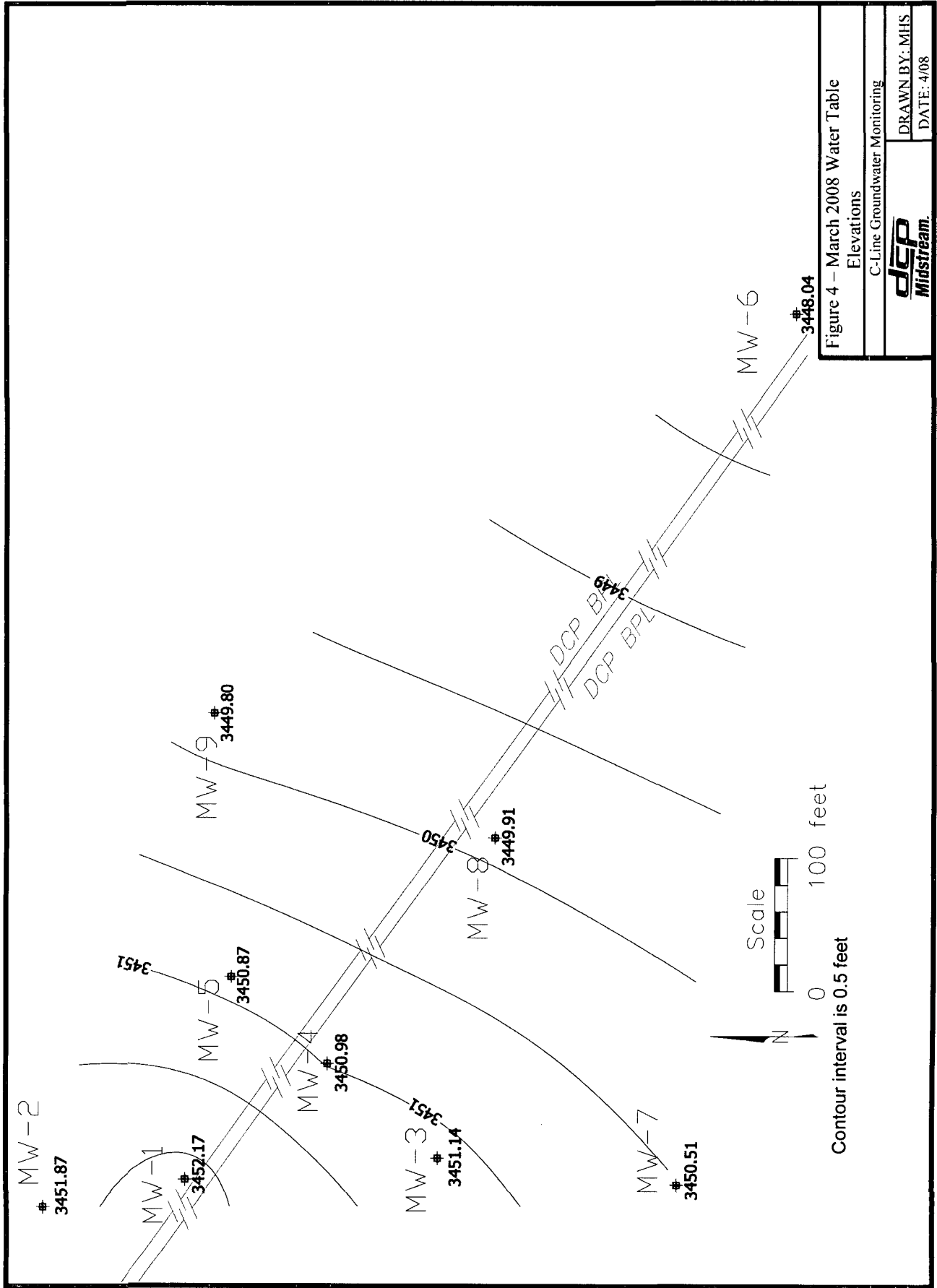
Figure 3 – Monitoring Well Hydrographs

C-Line Groundwater Monitoring

DRAWN BY:

dep
Midstream.

DATE: 4/08



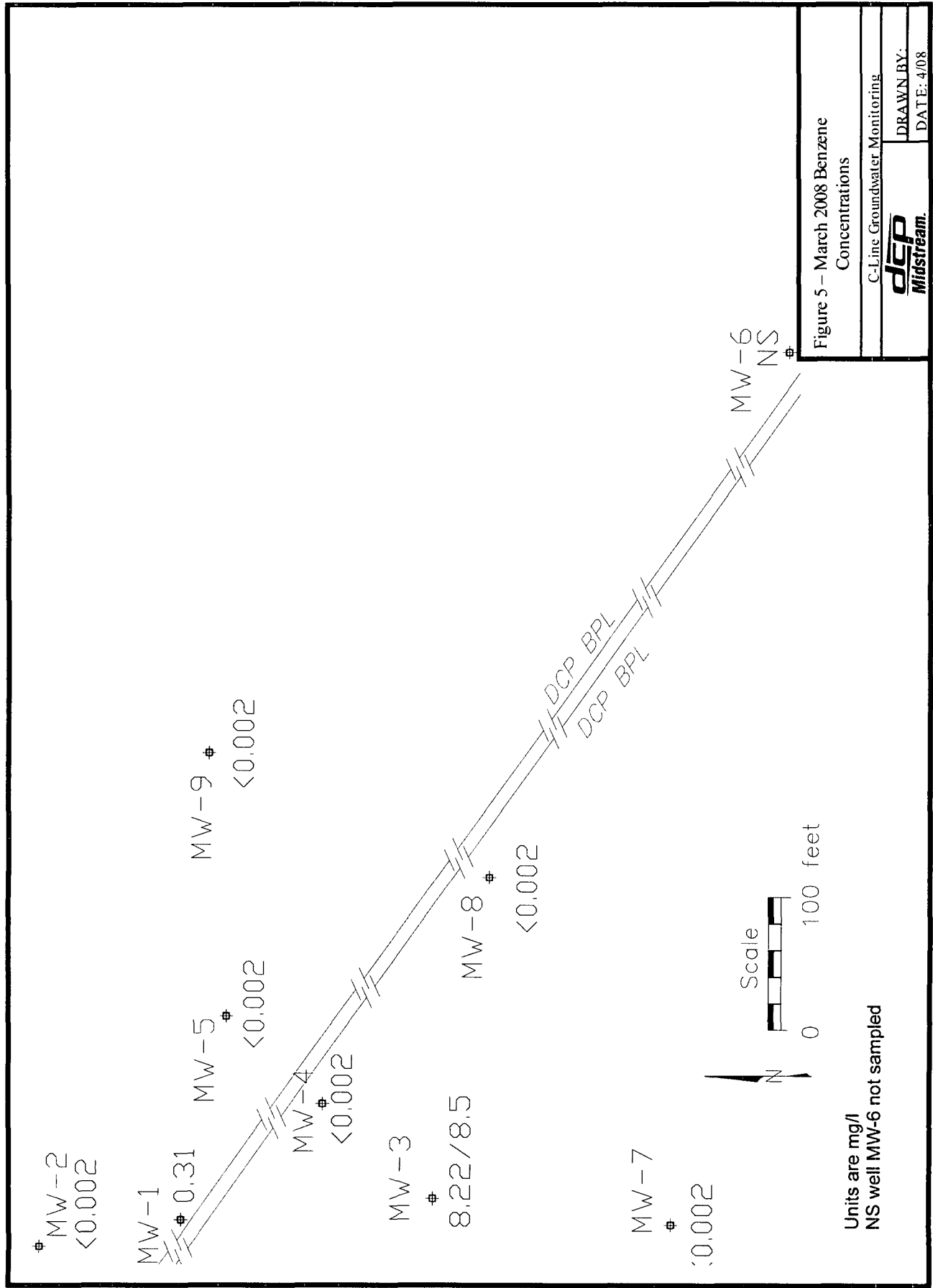


Figure 5 – March 2008 Benzene Concentrations

C-Line Groundwater Monitoring

dcp
Midstream.

DRAWN BY:

DATE: 4/08

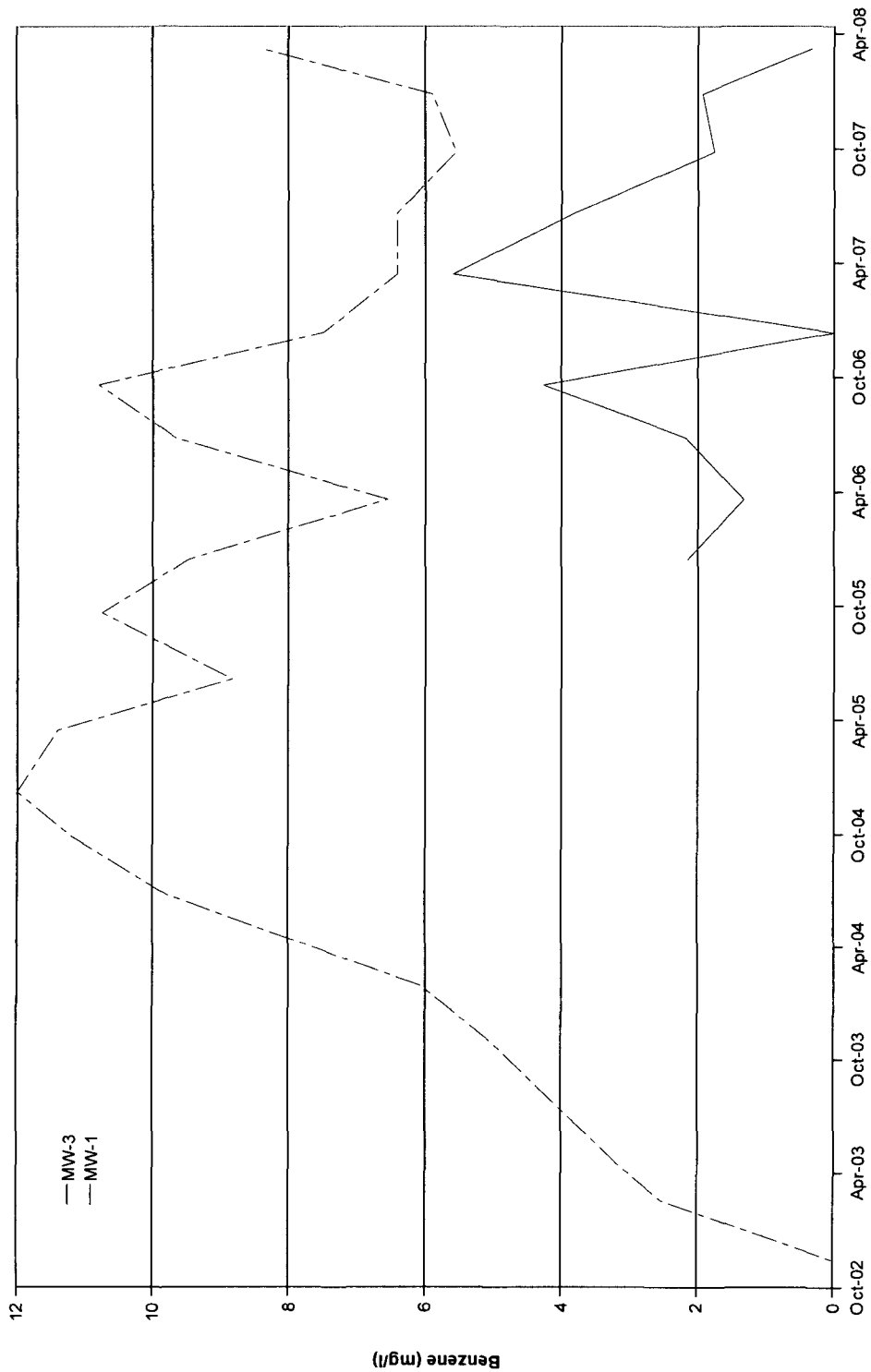


Figure 6 – Benzene Concentrations in MW-1 and MW-3

C-Line Groundwater Monitoring
dcp Midstream.
 DRAWN BY:
 DATE: 10/07

FIELD SAMPLING FORMS
AND
ANALYTICAL LABORATORY REPORT

GROUNDWATER SAMPLING FIELD DATA FORM

CLIENT: DCP Midstream, LLC		LOCATION: C-Line				
WELL NAME: MW-1						
Sampled By: M. Stewart / A. Taylor				Date Purged: 3/7/2008		
Weather During Sampling: Fair				Date Sampled: 3/7/2008		
Well Diameter: 2.0"				Time Sampled: 12:00 pm		
EVACUATION DATA						
Description of Measuring Point:		Top of PVC		Analyses: BTEX 8260		
Total Depth of Well:		89.04 ft.				
Depth to Water from Measuring Point:		---- ft.				
Height of Water Column:		---- ft.				
Single Casing Volume of Water:		1.92 gal/cv				
Volume to Purge Prior to Sampling:		5.76 gal				
Volume Purged Prior to Sampling:		~10.0 gal				
Method of Purging/Equipment: Dedicated Bailer				Flow Rate: n/a		
Method of Sampling/Equipment: Dedicated Bailer				Flow Rate: n/a		
FIELD PARAMETERS	Casing Volume	1	2	3	4	5
pH	pH					
Temperature	°C					
Conductance	mS/cm					
Turbidity	NTU/FTU	--	--	--	--	--
PID / COD / DO / TOC		--	--	--	--	--
Appearance						
NOTES:						

GROUNDWATER SAMPLING FIELD DATA FORM

CLIENT: DCP Midstream, LLC		LOCATION: C-Line				
WELL NAME: MW-2						
Sampled By: M. Stewart / A. Taylor				Date Purged: 3/7/2008		
Weather During Sampling: Fair				Date Sampled: 3/7/2008		
Well Diameter: 2.0"				Time Sampled: 12:10 pm		
EVACUATION DATA						
Description of Measuring Point:		Top of PVC		Analyses: BTEX 8260		
Total Depth of Well:		91.04 ft.				
Depth to Water from Measuring Point:		---- ft.				
Height of Water Column:		---- ft.				
Single Casing Volume of Water:		2.36 gal/cv				
Volume to Purge Prior to Sampling:		7.08 gal				
Volume Purged Prior to Sampling:		~7.5 gal				
Method of Purging/Equipment: Dedicated Bailer				Flow Rate: n/a		
Method of Sampling/Equipment: Dedicated Bailer				Flow Rate: n/a		
FIELD PARAMETERS	Casing Volume	1	2	3	4	5
pH	pH	7.14	7.16	7.14	--	--
Temperature	°C	18.0	18.9	18.9	--	--
Conductance	mS/cm	2.323	2.331	2.330	--	--
Turbidity	NTU/FTU	--	--	--	--	--
PID / COD / DO / TOC		--	--	--	--	--
Appearance						
NOTES:						

GROUNDWATER SAMPLING FIELD DATA FORM

CLIENT: DCP Midstream, LLC		LOCATION: C-Line				
WELL NAME: MW-3						
Sampled By: M. Stewart / A. Taylor				Date Purged: 3/7/2008		
Weather During Sampling: Fair				Date Sampled: 3/7/2008		
Well Diameter: 2.0"				Time Sampled: 11:10 am		
EVACUATION DATA						
Description of Measuring Point:		Top of PVC		Analyses: BTEX 8260 / DUP		
Total Depth of Well:		90.27 ft.				
Depth to Water from Measuring Point:		---- ft.				
Height of Water Column:		---- ft.				
Single Casing Volume of Water:		2.47 gal/cv				
Volume to Purge Prior to Sampling:		7.41 gal				
Volume Purged Prior to Sampling:		~8.0 gal				
Method of Purging/Equipment: Dedicated Bailer				Flow Rate: n/a		
Method of Sampling/Equipment: Dedicated Bailer				Flow Rate: n/a		
FIELD PARAMETERS	Casing Volume	1	2	3	4	5
pH	pH	7.37	7.39	7.39	--	--
Temperature	°C				--	--
Conductance	mS/cm				--	--
Turbidity	NTU/FTU	--	--	--	--	--
PID / COD / DO / TOC		--	--	--	--	--
Appearance						
NOTES:						

GROUNDWATER SAMPLING FIELD DATA FORM

CLIENT: DCP Midstream, LLC		LOCATION: C-Line				
WELL NAME: MW-4						
Sampled By: M. Stewart / A. Taylor				Date Purged: 3/7/2008		
Weather During Sampling: Fair				Date Sampled: 3/7/2008		
Well Diameter: 2.0"				Time Sampled: 11:25 am		
EVACUATION DATA						
Description of Measuring Point:		Top of PVC		Analyses: BTEX 8260 / MSD		
Total Depth of Well:		90.42 ft.				
Depth to Water from Measuring Point:		---- ft.				
Height of Water Column:		---- ft.				
Single Casing Volume of Water:		2.57 gal/cv				
Volume to Purge Prior to Sampling:		7.71 gal				
Volume Purged Prior to Sampling:		~8.0 gal				
Method of Purging/Equipment: Dedicated Bailer				Flow Rate: n/a		
Method of Sampling/Equipment: Dedicated Bailer				Flow Rate: n/a		
FIELD PARAMETERS	Casing Volume	1	2	3	4	5
pH	pH	7.41	7.41	7.56	--	--
Temperature	°C	18.3	18.9	18.5	--	--
Conductance	mS/cm	2.429	2.444	2.422	--	--
Turbidity	NTU/FTU	--	--	--	--	--
PID / COD / DO / TOC		--	--	--	--	--
Appearance						
NOTES:						

GROUNDWATER SAMPLING FIELD DATA FORM

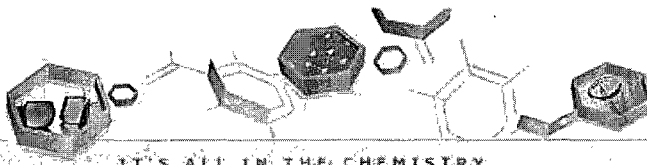
CLIENT: DCP Midstream, LLC		LOCATION: C-Line				
WELL NAME: MW-5						
Sampled By: M. Stewart / A. Taylor				Date Purged: 3/7/2008		
Weather During Sampling: Fair				Date Sampled: 3/7/2008		
Well Diameter: 2.0"				Time Sampled: 10:20 am		
EVACUATION DATA						
Description of Measuring Point:		Top of PVC		Analyses: BTEX 8260		
Total Depth of Well:		90.58 ft.				
Depth to Water from Measuring Point:		---- ft.				
Height of Water Column:		---- ft.				
Single Casing Volume of Water:		2.36 gal/cv				
Volume to Purge Prior to Sampling:		7.08 gal				
Volume Purged Prior to Sampling:		~7.5 gal				
Method of Purging/Equipment: Dedicated Bailer				Flow Rate: n/a		
Method of Sampling/Equipment: Dedicated Bailer				Flow Rate: n/a		
FIELD PARAMETERS	Casing Volume	1	2	3	4	5
pH	pH	7.31	7.36	7.33	--	--
Temperature	°C	18.9	19.4	19.4	--	--
Conductance	mS/cm	3.220	3.150	3.110	--	--
Turbidity	NTU/FTU	--	--	--	--	--
PID / COD / DO / TOC		--	--	--	--	--
Appearance						
NOTES:						

GROUNDWATER SAMPLING FIELD DATA FORM

CLIENT: DCP Midstream, LLC		LOCATION: C-Line				
WELL NAME: MW-7						
Sampled By: M. Stewart / A. Taylor				Date Purged: 3/7/2008		
Weather During Sampling: Fair				Date Sampled: 3/7/2008		
Well Diameter: 2.0"				Time Sampled: 9:20 am		
EVACUATION DATA						
Description of Measuring Point:		Top of PVC		Analyses: BTEX 8260		
Total Depth of Well:		92.91 ft.				
Depth to Water from Measuring Point:		---- ft.				
Height of Water Column:		---- ft.				
Single Casing Volume of Water:		1.21 gal/cv				
Volume to Purge Prior to Sampling:		3.63 gal				
Volume Purged Prior to Sampling:		~4.0 gal				
Method of Purging/Equipment: Dedicated Bailer				Flow Rate: n/a		
Method of Sampling/Equipment: Dedicated Bailer				Flow Rate: n/a		
FIELD PARAMETERS	Casing Volume	1	2	3	4	5
pH	pH	7.38	7.40	7.40		
Temperature	°C	18.4	18.0	18.4		
Conductance	mS/cm	1.921	1.964	1.959		
Turbidity	NTU/FTU	--	--	--	--	--
PID / COD / DO / TOC		--	--	--	--	--
Appearance						
NOTES:						

GROUNDWATER SAMPLING FIELD DATA FORM

CLIENT: DCP Midstream, LLC		LOCATION: C-Line				
WELL NAME: MW-8						
Sampled By: M. Stewart / A. Taylor				Date Purged: 3/7/2008		
Weather During Sampling: Fair				Date Sampled: 3/7/2008		
Well Diameter: 2.0"				Time Sampled: 9:20 pm		
EVACUATION DATA						
Description of Measuring Point:		Top of PVC		Analyses: BTEX 8260		
Total Depth of Well:		90.38 ft.				
Depth to Water from Measuring Point:		---- ft.				
Height of Water Column:		---- ft.				
Single Casing Volume of Water:		1.71 gal/cv				
Volume to Purge Prior to Sampling:		5.13 gal				
Volume Purged Prior to Sampling:		~5.5 gal				
Method of Purging/Equipment: Dedicated Bailer				Flow Rate: n/a		
Method of Sampling/Equipment: Dedicated Bailer				Flow Rate: n/a		
FIELD PARAMETERS	Casing Volume	1	2	3	4	5
pH	pH	7.43	7.43	7.43	--	--
Temperature	°C	19.1	19.4	19.5	--	--
Conductance	mS/cm	2.770	2.770	2.710	--	--
Turbidity	NTU/FTU	--	--	--	--	--
PID / COD / DO / TOC		--	--	--	--	--
Appearance						
NOTES:						



IT'S ALL IN THE CHEMISTRY

04/25/08

Technical Report for

DCP Midstream, LLC

DCP Midstream C Line Site

Accutest Job Number: T21170

Sampling Date: 03/07/08



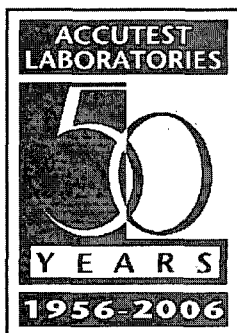
Report to:

American Environmental Consulting

mstewart@aecdenvr.com

ATTN: Mike Stewart

Total number of pages in report: 28



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.

Ron Martino
Laboratory Manager

Client Service contact: Agnes Vicknair 713-271-4700

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

2

3

4

-1-

Section 1: Sample Summary	3
Section 2: Sample Results	4
2.1: T21170-1: MW-1	5
2.2: T21170-2: MW-2	6
2.3: T21170-3: MW-3	7
2.4: T21170-4: MW-4	8
2.5: T21170-5: MW-5	9
2.6: T21170-6: MW-7	10
2.7: T21170-7: MW-8	11
2.8: T21170-8: MW-9	12
2.9: T21170-9: DUP	13
2.10: T21170-10: TRIP BLANK	14
Section 3: Misc. Forms	15
3.1: Chain of Custody	16
Section 4: GC/MS Volatiles - QC Data Summaries	19
4.1: Method Blank Summary	20
4.2: Blank Spike Summary	23
4.3: Matrix Spike/Matrix Spike Duplicate Summary	26
4.4: Matrix Spike Summary	27
4.5: Matrix Spike/Matrix Spike Duplicate Summary	28

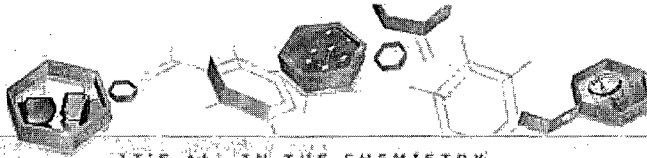
Sample Summary

DCP Midstream, LLC

Job No: T21170

DCP Midstream C Line Site

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID
T21170-1	03/07/08	12:00 MS	03/10/08	AQ Ground Water	MW-1
T21170-2	03/07/08	12:10 MS	03/10/08	AQ Ground Water	MW-2
T21170-3	03/07/08	11:10 MS	03/10/08	AQ Ground Water	MW-3
T21170-4	03/07/08	11:25 MS	03/10/08	AQ Ground Water	MW-4
T21170-5	03/07/08	10:20 MS	03/10/08	AQ Ground Water	MW-5
T21170-6	03/07/08	09:20 MS	03/10/08	AQ Ground Water	MW-7
T21170-7	03/07/08	09:20 MS	03/10/08	AQ Ground Water	MW-8
T21170-8	03/07/08	10:35 MS	03/10/08	AQ Ground Water	MW-9
T21170-8D	03/07/08	10:35 MS	03/10/08	AQ Water Dup/MSD	MW-9 MSD
T21170-8S	03/07/08	10:35 MS	03/10/08	AQ Water Matrix Spike	MW-9 MS
T21170-9	03/07/08	00:00 MS	03/10/08	AQ Ground Water	DUP
T21170-10	03/07/08	00:00 MS	03/10/08	AQ Trip Blank Water	TRIP BLANK



IT'S ALL IN THE CHEMISTRY

Sample Results

Report of Analysis

Report of Analysis

Page 1 of 1

Client Sample ID: MW-1
 Lab Sample ID: T21170-1
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream C Line Site

Date Sampled: 03/07/08
 Date Received: 03/10/08
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0090577.D	10	03/14/08	LJ	n/a	n/a	VF2898
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	0.310	0.020	0.0046	mg/l	
108-88-3	Toluene	0.0729	0.020	0.0048	mg/l	
100-41-4	Ethylbenzene	0.939	0.020	0.0045	mg/l	
1330-20-7	Xylene (total)	1.58	0.060	0.014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		73-126%
17060-07-0	1,2-Dichloroethane-D4	100%		61-136%
2037-26-5	Toluene-D8	103%		80-125%
460-00-4	4-Bromofluorobenzene	112%		65-147%

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:	MW-2	Date Sampled:	03/07/08
Lab Sample ID:	T21170-2	Date Received:	03/10/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream C Line Site		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0090512.D	1	03/11/08	LJ	n/a	n/a	VF2894
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	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		73-126%
17060-07-0	1,2-Dichloroethane-D4	101%		61-136%
2037-26-5	Toluene-D8	101%		80-125%
460-00-4	4-Bromofluorobenzene	105%		65-147%

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: MW-3
 Lab Sample ID: T21170-3
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream C Line Site

Date Sampled: 03/07/08
 Date Received: 03/10/08
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0090518.D	10	03/11/08	LJ	n/a	n/a	VF2894
Run #2	F0090596.D	50	03/16/08	LJ	n/a	n/a	VF2899

	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	8.22 ^a	0.10	0.023	mg/l	
108-88-3	Toluene	4.30 ^a	0.10	0.024	mg/l	
100-41-4	Ethylbenzene	0.581	0.020	0.0045	mg/l	
1330-20-7	Xylene (total)	1.03	0.060	0.014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	98%	73-126%
17060-07-0	1,2-Dichloroethane-D4	97%	96%	61-136%
2037-26-5	Toluene-D8	101%	102%	80-125%
460-00-4	4-Bromofluorobenzene	104%	108%	65-147%

(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

Report of Analysis

Page 1 of 1

Client Sample ID: MW-4
 Lab Sample ID: T21170-4
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream C Line Site

Date Sampled: 03/07/08
 Date Received: 03/10/08
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0090576.D	1	03/14/08	LJ	n/a	n/a	VF2898
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	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		73-126%
17060-07-0	1,2-Dichloroethane-D4	95%		61-136%
2037-26-5	Toluene-D8	104%		80-125%
460-00-4	4-Bromofluorobenzene	117%		65-147%

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: MW-5
 Lab Sample ID: T21170-5
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream C Line Site

Date Sampled: 03/07/08
 Date Received: 03/10/08
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0090513.D	1	03/11/08	LJ	n/a	n/a	VF2894
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	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		73-126%
17060-07-0	1,2-Dichloroethane-D4	101%		61-136%
2037-26-5	Toluene-D8	101%		80-125%
460-00-4	4-Bromofluorobenzene	106%		65-147%

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:	MW-7	Date Sampled:	03/07/08
Lab Sample ID:	T21170-6	Date Received:	03/10/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream C Line Site		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0090514.D	1	03/11/08	LJ	n/a	n/a	VF2894
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	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		73-126%
17060-07-0	1,2-Dichloroethane-D4	100%		61-136%
2037-26-5	Toluene-D8	101%		80-125%
460-00-4	4-Bromofluorobenzene	109%		65-147%

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: MW-8
 Lab Sample ID: T21170-7
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream C Line Site

Date Sampled: 03/07/08
 Date Received: 03/10/08
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0090515.D	1	03/11/08	LJ	n/a	n/a	VF2894
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	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		73-126%
17060-07-0	1,2-Dichloroethane-D4	100%		61-136%
2037-26-5	Toluene-D8	103%		80-125%
460-00-4	4-Bromofluorobenzene	109%		65-147%

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:	MW-9	Date Sampled:	03/07/08
Lab Sample ID:	T21170-8	Date Received:	03/10/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0090509.D	1	03/11/08	LJ	n/a	n/a	VF2894
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	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		73-126%
17060-07-0	1,2-Dichloroethane-D4	100%		61-136%
2037-26-5	Toluene-D8	102%		80-125%
460-00-4	4-Bromofluorobenzene	106%		65-147%

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: DUP
 Lab Sample ID: T21170-9
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream C Line Site

Date Sampled: 03/07/08
 Date Received: 03/10/08
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0090517.D	10	03/11/08	LJ	n/a	n/a	VF2894
Run #2	F0090597.D	50	03/16/08	LJ	n/a	n/a	VF2899

	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	8.50 ^a	0.10	0.023	mg/l	
108-88-3	Toluene	4.42 ^a	0.10	0.024	mg/l	
100-41-4	Ethylbenzene	0.548	0.020	0.0045	mg/l	
1330-20-7	Xylene (total)	0.940	0.060	0.014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	100%	73-126%
17060-07-0	1,2-Dichloroethane-D4	96%	100%	61-136%
2037-26-5	Toluene-D8	100%	102%	80-125%
460-00-4	4-Bromofluorobenzene	104%	106%	65-147%

(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

Report of Analysis

Page 1 of 1

Client Sample ID:	TRIP BLANK	Date Sampled:	03/07/08
Lab Sample ID:	T21170-10	Date Received:	03/10/08
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream C Line Site		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F0090507.D	1	03/11/08	LJ	n/a	n/a	VF2894
Run #2							

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

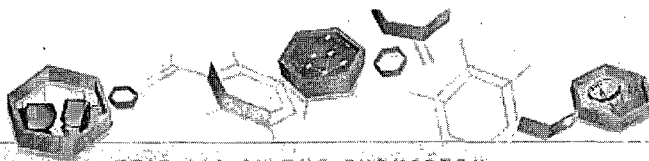
Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		73-126%
17060-07-0	1,2-Dichloroethane-D4	100%		61-136%
2037-26-5	Toluene-D8	101%		80-125%
460-00-4	4-Bromofluorobenzene	106%		65-147%

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

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #:

7: 21170

Accutest Quote #:

3.1

16 of 28
ACCUTEST.
T21170 Laboratories



ACCUTEST

VARIANCE MEMO SAMPLE LOG-IN

SAMPLE(S)
PROJECT
FILED BY

4
DGP Midstream Clinic Site
ONE

DATE 3/10/08

LAB NO.

T21170

VARIANCE - Check applicable items(s):

Insufficient sample sent for proper analysis; received approx. _____

Sample bottle received broken and/or cap not intact. _____

✓ Samples received without paperwork; paperwork received without samples. _____

Samples received without proper refrigeration, when it has been _____

deemed necessary. Temperature at receipt: _____

Illegible sample number or label missing from bottle. _____

Numbers on sample not the same as numbers on paper work. _____

Incomplete instructions received with sample(s) i.e., no request _____

for analysis, no chain of custody, incomplete billing instructions, _____

no due date, etc. Temperature at receipt: _____

Samples received in improper container or lacking proper preservation. _____

Physical characteristics different than those on sampling sheets; _____

Describe: _____

Rush samples on hold because of incomplete paperwork. _____

✓ Other (specify) Sample 4 received w/one broken 10A vial _____

but 2 more remain. _____

CORRECTIVE ACTION TAKEN

Person Contacted _____

Client informed verbally. _____

Client informed by memo/letter. _____

Samples processed as is. _____

Samples preserved by lab. _____

Client will resample and resubmit _____

By phone. _____

Samples processed for informa-
tion only and noted on report. _____

Samples processed with higher
detection limits accepted. _____

Samples rejected. _____

Notes: _____

ROUTING

TITLE

DATE

INITIALS

CORRECTED?

Sample Manager: _____

Login: _____

Project Manager: _____

Comments: _____

This is enough st for Hwy

Form SMC06

T21170: Chain of Custody
Page 2 of 3



SAMPLE RECEIPT LOG

DATE/TIME RECEIVED: 3/10/08 9:50

CLIENT: American Environmental Consulting INITIALS: CNE

Condition/Variance (Circle "Y" for yes and "N" for no or NA. If "N" is circled, see variance for explanation):

- | | | | | | | | |
|-----|---|----|---|----|---|----|--|
| 1. | Y | NA | Sample received in undamaged condition. | 2. | Y | NA | Samples received within temp. range. |
| 3. | Y | NA | Sample received with proper pH. | 4. | Y | NA | Sample received in proper containers. |
| 5. | Y | NA | Sample volume sufficient for analysis. | 6. | Y | NA | Sample received with chain of custody. |
| 7. | Y | NA | Chain of Custody matches sample IDs and analysis on containers. | | | | |
| 8. | Y | NA | Samples Headspace acceptable | | | | |
| 9. | Y | NA | Custody seal received intact and tamper not evident on cooler. | | | | |
| 10. | Y | NA | Custody seal received intact and tamper not evident on bottles. | | | | |

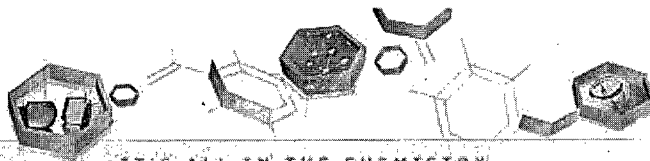
[illegible]

LOCATION: WI: Walk-In VR: Volatile Refrig. SUB: Subcontract EF: Encore Freezer
PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: Other
Comments:

pH of waters checked excluding volatiles
pH of soils N/A

Delivery method: Courier: FedEx

COOLER TEMP: 2.0 COOLER TEMP: _____
COOLER TEMP: _____ COOLER TEMP: _____
Form: SM012, Rev.07/28/05, QAO



IT'S ALL IN THE CHEMISTRY

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Page 1 of 1

Job Number: T21170
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2898-MB	F0090575.D	1	03/14/08	LJ	n/a	n/a	VF2898

The QC reported here applies to the following samples:

Method: EPA 624

T21170-1, T21170-4

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	73-124%
17060-07-0	1,2-Dichloroethane-D4	98%	58-139%
2037-26-5	Toluene-D8	103%	79-126%
460-00-4	4-Bromofluorobenzene	113%	68-143%

Method Blank Summary

Page 1 of 1

Job Number: T21170
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2894-MB	F0090502.D	1	03/11/08	LJ	n/a	n/a	VF2894

The QC reported here applies to the following samples:

Method: SW846 8260B

T21170-2, T21170-3, T21170-5, T21170-6, T21170-7, T21170-8, T21170-9, T21170-10

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.46	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	99% 73-126%
17060-07-0	1,2-Dichloroethane-D4	100% 61-136%
2037-26-5	Toluene-D8	100% 80-125%
460-00-4	4-Bromofluorobenzene	104% 65-147%

Method Blank Summary

Page 1 of 1

Job Number: T21170
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2899-MB	F0090590.D	1	03/16/08	LJ	n/a	n/a	VF2899

The QC reported here applies to the following samples:

Method: SW846 8260B

T21170-3, T21170-9

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.46	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	73-126%
17060-07-0	1,2-Dichloroethane-D4	100%	61-136%
2037-26-5	Toluene-D8	103%	80-125%
460-00-4	4-Bromofluorobenzene	106%	65-147%

Blank Spike Summary

Page 1 of 1

Job Number: T21170
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2898-BS	F0090574.D	1	03/14/08	LJ	n/a	n/a	VF2898

The QC reported here applies to the following samples:

Method: EPA 624

T21170-1, T21170-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.0	104	77-111
100-41-4	Ethylbenzene	25	26.9	108	78-109
108-88-3	Toluene	25	26.3	105	79-109
1330-20-7	Xylene (total)	75	79.3	106	77-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	73-124%
17060-07-0	1,2-Dichloroethane-D4	100%	58-139%
2037-26-5	Toluene-D8	103%	79-126%
460-00-4	4-Bromofluorobenzene	99%	68-143%

Blank Spike Summary

Page 1 of 1

Job Number: T21170
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2894-BS	F0090500.D	1	03/11/08	LJ	n/a	n/a	VF2894

The QC reported here applies to the following samples:

Method: SW846 8260B

T21170-2, T21170-3, T21170-5, T21170-6, T21170-7, T21170-8, T21170-9, T21170-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.3	97	41-145
100-41-4	Ethylbenzene	25	26.7	107	49-135
108-88-3	Toluene	25	25.6	102	66-128
1330-20-7	Xylene (total)	75	79.3	106	67-122

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	73-126%
17060-07-0	1,2-Dichloroethane-D4	103%	61-136%
2037-26-5	Toluene-D8	102%	80-125%
460-00-4	4-Bromofluorobenzene	99%	65-147%

Blank Spike Summary

Page 1 of 1

Job Number: T21170
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF2899-BS	F0090588.D	1	03/16/08	LJ	n/a	n/a	VF2899

The QC reported here applies to the following samples:

Method: SW846 8260B

T21170-3, T21170-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.6	102	41-145
108-88-3	Toluene	25	24.8	99	66-128

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	73-126%
17060-07-0	1,2-Dichloroethane-D4	104%	61-136%
2037-26-5	Toluene-D8	102%	80-125%
460-00-4	4-Bromofluorobenzene	98%	65-147%

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T21170
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T21170-8MS	F0090510.D	1	03/11/08	LJ	n/a	n/a	VF2894
T21170-8MSD	F0090511.D	1	03/11/08	LJ	n/a	n/a	VF2894
T21170-8	F0090509.D	1	03/11/08	LJ	n/a	n/a	VF2894

The QC reported here applies to the following samples:

Method: SW846 8260B

T21170-2, T21170-3, T21170-5, T21170-6, T21170-7, T21170-8, T21170-9, T21170-10

CAS No.	Compound	T21170-8 ug/l	Spike Q	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	25	23.6	94	23.1	92	2	60-131/12
100-41-4	Ethylbenzene	ND	25	26.0	104	25.9	104	0	58-127/13
108-88-3	Toluene	ND	25	24.6	98	24.8	99	1	67-123/11
1330-20-7	Xylene (total)	ND	75	77.2	103	76.8	102	1	62-125/14

CAS No.	Surrogate Recoveries	MS	MSD	T21170-8	Limits
1868-53-7	Dibromofluoromethane	98%	99%	97%	73-126%
17060-07-0	1,2-Dichloroethane-D4	105%	106%	100%	61-136%
2037-26-5	Toluene-D8	101%	101%	102%	80-125%
460-00-4	4-Bromofluorobenzene	100%	100%	106%	65-147%

Matrix Spike Summary

Page 1 of 1

Job Number: T21170
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T21249-3MS ^a	F0090585.D	1	03/14/08	LJ	n/a	n/a	VF2898
T21249-3	F0090583.D	1	03/14/08	LJ	n/a	n/a	VF2898

The QC reported here applies to the following samples:

Method: SW846 8260B

T21170-1, T21170-4

CAS No.	Compound	T21249-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
71-43-2	Benzene	ND		25	29.3	117	60-131
100-41-4	Ethylbenzene	ND		25	28.8	115	58-127
108-88-3	Toluene	ND		25	28.6	114	67-123
1330-20-7	Xylene (total)	ND		75	84.4	113	62-125

CAS No.	Surrogate Recoveries	MS	T21249-3	Limits
1868-53-7	Dibromofluoromethane	94%	94%	73-126%
17060-07-0	1,2-Dichloroethane-D4	98%	94%	61-136%
2037-26-5	Toluene-D8	107%	107%	80-125%
460-00-4	4-Bromofluorobenzene	104%	118%	65-147%

(a) Only 1 MS analyzed. Data acceptable based on passing BS and/or MS %recoveries. MSD not available due to autosampler failure.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T21170
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T21239-2MS	F0090594.D	1	03/16/08	LJ	n/a	n/a	VF2899
T21239-2MSD	F0090595.D	1	03/16/08	LJ	n/a	n/a	VF2899
T21239-2	F0090593.D	1	03/16/08	LJ	n/a	n/a	VF2899

The QC reported here applies to the following samples:

Method: SW846 8260B

T21170-3, T21170-9

CAS No.	Compound	T21239-2 ug/l	Spike Q	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	25	26.4	106	27.0	108	2	60-131/12
108-88-3	Toluene	ND	25	25.3	101	26.7	107	5	67-123/11

CAS No.	Surrogate Recoveries	MS	MSD	T21239-2	Limits
1868-53-7	Dibromofluoromethane	95%	98%	96%	73-126%
17060-07-0	1,2-Dichloroethane-D4	100%	102%	95%	61-136%
2037-26-5	Toluene-D8	103%	104%	104%	80-125%
460-00-4	4-Bromofluorobenzene	95%	95%	108%	65-147%



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

February 29, 2008

Mr. Wayne Price
Environmental Bureau Chief
New Mexico Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

**RE: 4th Quarter 2007 Groundwater Monitoring Results
DCP C-Line Pipeline Release (1RP-401-0), Lea County, NM
Unit O Section 31, T19S, R37E**

Dear Mr. Price:

DCP Midstream, LP (DCP) is pleased to submit for your review, one copy of the 4th Quarter 2007 Groundwater Monitoring Results for the DCP C-Line Pipeline Release Site located in Lea County, New Mexico (Unit O Section 31, T19S, R37E, Latitude 32° 31' 29.7" N Longitude 103° 17' 11.7 W).

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

Sincerely

DCP Midstream, LP

A handwritten signature in black ink, appearing to read "Stephen Weathers", followed by a long horizontal line.

Stephen Weathers, PG
Sr. Environmental Specialist

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

February 26, 2008

Mr. Stephen Weathers
DCP Midstream, LP
370 17th Street, Suite 2500
Denver, CO 80202

Re: Summary of the Fourth Quarter 2007 Groundwater Monitoring Results for the
C-Line 50602 Release Location in Lea County New Mexico
Unit O, Section 31, Township 19 South, Range 37 East (1RP-401-0)

Dear Mr. Weathers:

This report summarizes the fourth quarter 2007 groundwater monitoring activities completed at the C-Line 50602 release location for DCP Midstream, LP (DCP). The monitoring activities were completed on December 27, 2007. The site is located in the southwestern quarter of the southeastern quarter (Unit O) of Section 31, Township 19 South, Range 37 East (Figure 1). The approximate coordinates are 32 degrees 31 minutes north, 103 degrees 17 minutes west.

The groundwater-monitoring network includes the nine wells shown on Figure 2. Table 1 summarizes construction information for each well.

SUMMARY OF MONITORING ACTIVITIES

The depth to water and free phase hydrocarbons (FPH), if present, were measured in each well prior to purging and sampling. The calculated groundwater elevations for all monitoring episodes are summarized in Table 2.

None of the wells contained FPH. The historical FPH thickness values for MW-1 and MW-4 are summarized in Table 3. FPH has not been measured in MW-1 since June 2005 and in MW-2 since March 2007.

Eight of the nine wells were purged and sampled. Well MW-6 was not sampled because it is located down gradient from unaffected boundary wells MW-7, MW-8 and MW-9 so it does not provide useful information relative to this study.

The wells were purged using dedicated bailers until a minimum of three casing volumes were removed and the field parameters temperature, pH and conductivity stabilized. The well purging forms are attached. The affected purge water was disposed of at the DCP Linam Ranch facility.

Unfiltered samples were collected following well stabilization using the same dedicated bailers. All of the samples were placed in an ice-filled chest immediately upon collection and delivered to the analytical laboratory (ACCUTEST Laboratory) using standard chain-of-custody protocol. The samples were analyzed for benzene, toluene, ethylbenzene and total xylenes (BTEX).

The laboratory analyses for the sampling episode are summarized in the upper part of Table 4. The laboratory report is attached.

The lower part of Table 4 includes the quality assurance/quality control (QA/QC) information. The QA/QC evaluation includes:

- The samples were received at a suitably-cold temperature.
- Samples were reanalyzed as necessary until all of the individual surrogate spikes were within their control limits.
- The relative percentage difference (RPD) values all exhibited good agreement.
- The matrix spike and matrix spike duplicate results from the MW-7 were all within their respective control ranges and exhibited good agreement.

The information above indicates that the data is suitable for evaluating routine groundwater monitoring data.

RESULTS AND INTERPRETATIONS

Figure 3 includes hydrographs for all site wells. The water table elevations increased by varying degrees in all of the wells except MW-2 and MW-3 where the water table declined slightly.

Figure 4 shows the December 2007 calculated groundwater contours as generated using the Surfer® program with the kriging option. The water table exhibits a consistent gradient toward the southeast. This pattern reflects the historic trends.

Figure 5 depicts the spatial December 2007 benzene distribution. Benzene was reported at 1.92 mg/l in MW-1, an average value of 5.89 mg/l in the two samples from MW-3, and 0.11 mg/l in MW-4. The remaining wells, particularly down-gradient boundary wells MW-7, MW-8 and MW-9, did not contain benzene above the 0.002 mg/l method reporting limit.

Table 5 summarizes all of the analytical data collected to date. The changes in benzene concentrations are plotted for wells MW-1 and MW-3 on Figure 6. Sampling in MW-1 began in December 2005 after removal of the FPH was completed. The benzene concentration in MW-1 increased slightly between September 2007 and December 2007.

Mr. Stephen Weathers
February 26, 2008
Page 3

The sampling in MW-3 begin at the start of the project in November 2002. The benzene concentration increased slightly from the prior episode; however, the concentrations have fallen substantially since September 2006. Benzene was not detected at or above the 0.001 mg/l method reporting limit in either MW-2 or MW- 5 for the ninth consecutive monitoring episode.

The wells are gauged weekly for FPH and the vacuum extraction system is operated as necessary to ensure that no FPH is present in the wells. The system will be stopped (if operating) two weeks before the next sampling event to ensure accurate FPH measurement.

AEC will schedule the next monitoring event in March 2008. The monitoring frequency will then decrease to semi-annually per OCD approval.

Sincerely,
AMERICAN ENVIRONMENTAL CONSULTING, LLC

Michael H. Stewart

Michael H. Stewart, P.E., C.P.G.
Principal Engineer
MHS/tbm

TABLES

Table 1 – Summary of Well Construction Information

Well	Top of Casing Elevation	Ground Elevation	Screen Diameter	Screened Interval	Sand Interval	Total Depth
MW-1	3,541.21	3,538.64	4"	82.5-97.5	81-98	98
MW-2	3,540.91	3,537.70	2"	81-101	77-102	102
MW-3	3,541.41	3,539.30	2"	80-100	78-103	103
MW-4	3,541.40	3,538.51	2"	80-100	78-103	103
MW-5	3,541.45	3,538.69	2"	80-100	78-102	102
MW-6	3,543.98	3,540.94	2"	79-99	75-102	102
MW-7	3,542.42	3,540.20	2"	82.5-97.5	77-98*	98
MW-8	3,540.29	3,538.08	2"	82.5-97.5	81-98	98
MW-9	3,539.62	3,537.33	2"	82.5-97.5	81-98	98

All units in feet except as noted

* Well MW-7 has a natural sand pack from 93 to 98 feet

Table 2 – Summary of Corrected Water Table Elevations

Well	Nov. 02	Feb. 03	Apr. 03	Oct. 03	Jan. 04	Jun. 04	Sep. 04	Dec. 04	Mar. 05	Jun. 05	Sep. 05	Dec. 05	Mar. 06
MW-1	3452.01	3451.60	3451.73	3451.35	3451.34	3451.23	3451.19	3450.97	3451.22	3451.99	3451.96	3451.88	3451.96
MW-2	3452.11	3451.97	3451.96	3451.87	3451.84	3451.73	3451.72	3451.91	3452.08	3452.22	3452.19	3452.10	3452.18
MW-3	3452.25	3451.37	3451.33	3451.27	3451.22	3451.06	3451.01	3451.24	3451.37	3451.51	3451.58	3451.46	3451.52
MW-4	3451.56	3451.32	3451.21	3451.25	3451.19	3451.02	3450.88	3451.19	3451.25	3451.26	3451.38	3450.42	3451.34
MW-5	3451.39	3451.21	3451.09	3451.20	3451.11	3450.86	3450.75	3451.10	3451.14	3451.35	3451.18	3451.32	3451.18
MW-6	3448.77	3448.51	3448.38	3448.46	3448.37	3448.14	3448.03	3448.91	3448.64	3448.62	3448.44	3448.50	3448.26
MW-7				3450.76	3450.72	3450.57	3450.47	3450.70	3450.80	3450.99	3450.99	3450.86	3450.86
MW-8				3450.35	3450.22	3450.03	3449.85	3450.21	3450.23	3450.41	3450.24	3450.40	3450.18
MW-9				3450.21	3450.03	3449.81	3449.67	3450.13	3450.11	3450.38	3450.04	3450.25	3449.99

Well	Jun 06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07
MW-1	3451.88	3451.86	3451.82	3451.83	3451.64	3451.62	3451.74
MW-2	3452.13	3452.12	3452.06	3452.07	3452.04	3452.13	3451.91
MW-3	3451.45	3451.43	3451.40	3451.40	3451.21	3451.36	3451.30
MW-4	3451.40	3451.34	3451.33	3451.36	3450.99	3451.07	3451.34
MW-5	3451.16	3451.16	3451.22	3451.27	3450.87	3451.05	3451.32
MW-6	3448.28	3448.27	3448.30	3448.36	3447.97	3448.15	3448.40
MW-7	3450.81	3450.83	3450.78	3450.80	3450.52	3450.72	3450.77
MW-8	3450.14	3450.21	3450.28	3450.35	3449.86	3450.08	3450.32
MW-9	3449.92	3450.02	3450.15	3450.19	3449.79	3449.95	3450.26

Notes:

All units in feet.

Blank cells: wells not installed

The groundwater elevation values for MW-1 and MW-4 were corrected when free phase hydrocarbons were present using the following formula (all values in feet):

$GWE_{corr} = MGWE + (PT \cdot PD)$; where

- MGWE is the actual measured groundwater elevation;
- PT is the measured free-phase hydrocarbon thickness, and
- PD is the free phase hydrocarbon density (assumed 0.7).

Table 3 – C-Line Free Phase Hydrocarbon Thickness Measurements

Date	MW-1	MW-4
11/02/02	3.15	0.00
02/17/03	3.62	0.00
04/16/03	2.92	0.00
10/30/03	3.21	0.00
06/29/04	2.66	0.00
09/28/04	2.16	0.21
12/08/04	0.13	1.18
03/16/05	0.04	3.03
06/06/05	0.02	0.07
09/20/05	0.00	0.16
12/15/05	0.00	0.21
03/21/06	0.00	0.03
06/27/06	0.00	0.00
09/16/06	0.00	0.00
12/11/06	0.00	0.00
3/14/07	0.00	0.06
6/20/07	0.00	0.00
9/26/07	0.00	0.00
12/27/07	0.00	0.00

Units are feet

Table 4 – December 2007 Sample Results and QA/QC Evaluation

Analytical Results

Well	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW-1	1.92	0.0372	0.278	0.0736
MW-2	<0.002	<0.002	<0.002	<0.006
MW-3	5.84	2.79	0.318	0.459
MW-3 (duplicate)	5.94	2.83	0.314	0.464
MW-4	0.11	0.145	0.0837	0.425
MW-5	<0.002	<0.002	<0.002	<0.006
MW-6	NS	NS	NS	NS
MW-7	<0.002	<0.002	<0.002	<0.006
MW-8	<0.002	<0.002	<0.002	<0.006
MW-9	<0.002	<0.002	<0.002	<0.006
Trip Blank	<0.002	<0.002	<0.002	<0.006

Notes: All units mg/l

NS: Well not sampled

MW-3 Duplicate Sample Evaluation

	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW-3 RPD (%)	1.70	1.42	1.27	1.08

Matrix Spike and Matrix Spike Duplicate Results

	Benzene	Toluene	Ethylbenzene	Xylenes (total)
Matrix Spike	95	99	111	96
Matrix Spike Duplicate	96	102	113	99

Percent recovery limits are 80% to 120%

Table 5 - Summary of Analytical Results

Benzene	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9
11/15/02	FPH	<0.001	0.017	0.114	<0.001	<0.001			
02/18/03	FPH	0.29	2.52	1.12	0.328	0.001			
04/17/03	FPH	0.175	3.18	0.782	0.128	0.002			
10/28/03	FPH	0.018	5.01	0.077	0.164	<0.001	<0.001	<0.001	<0.001
01/29/04	FPH	0.0848	6.06	0.320	0.226	0.00382	<0.001	0.00139	<0.001
06/29/04	FPH	0.0582	9.84	0.461	0.249	<0.00019	0.000456	0.00248	<0.00019
09/28/04	FPH	0.329	11.2	FPH	0.0336	<0.001	<0.001	<0.001	<0.001
12/06/04	FPH	0.0355	12.0	FPH	0.0137	<0.001	<0.001	<0.001	<0.001
03/16/05	FPH	0.00523	10.9	FPH	0.00371	<0.001	<0.001	<0.001	<0.001
06/06/05	FPH	0.0017	8.83	FPH	0.00169	<0.001	0.000695	0.000955	<0.001
09/20/05	FPH	<0.001	10.75	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
12/15/05	2.14	<0.001	9.57	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/21/06	1.32	<0.001	6.55	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/26/06	2.17	<0.001	9.67	9.08	<0.001	<0.001	<0.001	<0.001	<0.001
09/16/06	4.27	<0.001	10.55	0.51	<0.001	<0.001	<0.001	<0.001	<0.001
12/11/06	<0.001	<0.001	7.49	0.17	<0.001	<0.001	<0.001	<0.001	<0.001
03/14/07	5.59	<0.001	6.41	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/20/07	3.82	<0.001	6.41	1.80	<0.001	NS	<0.001	<0.001	<0.001
09/26/07	1.75	<0.001	5.54	0.43	<0.001	NS	<0.001	<0.001	<0.001
12/27/07	1.92	<0.002	5.89	0.11	<0.002	NS	<0.002	<0.002	<0.002

Toluene	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9
11/15/02	FPH	<0.001	0.005	0.039	<0.001	<0.001			
02/18/03	FPH	0.014	0.634	0.436	0.056	<0.001			
04/17/03	FPH	0.007	0.513	0.45	0.007	<0.001			
10/28/03	FPH	0.001	0.275	0.029	0.048	<0.001	<0.001	<0.001	<0.001
01/29/04	FPH	0.0350	0.506	0.169	0.064	0.00140	<0.001	0.00109	<0.001
06/29/04	FPH	0.000219	0.0917	0.0202	0.00172	<0.00014	<0.00014	<0.00014	<0.00014
09/28/04	FPH	0.0174	0.0218	FPH	0.00281	<0.001	<0.001	<0.001	<0.001
12/06/04	FPH	0.0017	0.0438	FPH	0.00318	<0.001	<0.001	<0.001	<0.001
03/16/05	FPH	<0.001	0.013	FPH	.00038	<0.001	<0.001	<0.001	<0.001
06/06/05	FPH	<0.001	0.056	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
9/20/05	FPH	<0.001	0.1355	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
12/15/05	1.37	<0.001	0.414	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/21/06	0.931	<0.001	1.575	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/26/06	1.42	<0.001	2.93	5.73	<0.001	<0.001	<0.001	<0.001	<0.001
09/16/06	0.508	<0.001	3.48	0.0415	<0.001	<0.001	<0.001	<0.001	<0.001
12/11/06	<0.001	<0.001	3.35	0.139	<0.001	<0.001	<0.001	<0.001	<0.001
03/14/07	0.232	<0.001	2.75	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/20/07	0.43	<0.001	3.49	0.98	<0.001	NS	<0.001	<0.001	<0.001
09/26/07	0.097	<0.001	2.555	0.35	<0.001	NS	<0.001	<0.001	<0.001
12/27/07	0.0372	<0.002	2.81	0.145	<0.002	NS	<0.002	<0.002	<0.002

Notes: 1) All units mg/l, 2) Duplicate results averaged, 3) "J" qualifiers are not included in summary

4) Wells not installed where blank cells are present, 5) FPH free phase hydrocarbons present so no sample collected

6) NS: Well not sampled, see text for explanation

Table 5 – Summary of Analytical Results (continued)

Ethylbenzene	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9
11/15/02	FPH	<0.001	<0.001	0.002	<0.001	<0.001			
02/18/03	FPH	0.001	0.021	0.022	0.004	<0.001			
04/17/03	FPH	<0.001	0.028	0.029	<0.001	<0.001			
10/28/03	FPH	<0.001	0.031	0.002	0.002	<0.001	<0.001	<0.001	<0.001
01/29/04	FPH	0.00292	0.0679	0.0203	0.00404	0.00133	<0.001	0.00112	<0.001
06/29/04	FPH	0.00534	0.0873	0.352	0.0603	<0.00013	<0.00013	0.000633	<0.00013
09/28/04	FPH	<0.001	0.105	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
12/06/04	FPH	<0.001	0.154	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/16/05	FPH	<0.001	0.150	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/06/05	FPH	<0.001	0.1535	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
09/20/05	FPH	<0.001	0.288	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
12/15/05	0.313	<0.001	0.173	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/21/06	0.419	<0.001	0.4085	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/26/06	0.534	<0.001	0.0333	1.03	<0.001	<0.001	<0.001	<0.001	<0.001
09/16/06	0.153	<0.001	0.288	0.21	<0.001	<0.001	<0.001	<0.001	<0.001
12/11/06	<0.001	<0.001	0.391	0.111	<0.001	<0.001	<0.001	<0.001	<0.001
03/14/07	0.453	<0.001	0.3185	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/20/07	0.40	<0.001	0.52	0.61	<0.001	NS	<0.001	<0.001	<0.001
09/26/07	0.37	<0.001	0.35	0.19	<0.001	NS	<0.001	<0.001	<0.001
12/27/07	0.278	<0.002	0.316	0.0837	<0.002	NS	<0.002	<0.002	<0.002

Xylenes	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9
11/15/02	FPH	<0.001	<0.001	0.003	<0.001	<0.001			
02/18/03	FPH	0.001	0.064	0.032	0.004	<0.001			
04/17/03	FPH	<0.001	0.1	0.055	<0.001	<0.001			
10/28/03	FPH	<0.001	0.083	0.008	0.004	<0.001	<0.001	<0.001	<0.001
01/29/04	FPH	0.00474	0.0849	0.053	0.0074	0.00194	<0.001	0.00217	<0.001
06/29/04	FPH	0.001	0.02404	0.074	0.004	<0.0002	<0.0002	<0.0002	<0.0002
09/28/04	FPH	<0.001	0.0213	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
12/06/04	FPH	<0.001	0.0237	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/16/05	FPH	<0.001	0.02842	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/06/05	FPH	<0.001	0.0502	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
09/20/05	FPH	<0.001	0.221	FPH	<0.001	<0.001	<0.001	<0.001	0.00105
12/15/05	1.334	<0.001	0.177	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
03/21/06	1.379	<0.001	0.9015	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/26/06	1.722	<0.001	0.414	5.69	<0.001	<0.001	<0.001	<0.001	<0.001
09/16/06	0.323	<0.001	0.384	1.028	<0.001	<0.001	<0.001	<0.001	<0.001
12/11/06	<0.001	<0.001	0.557	0.466	<0.001	<0.001	<0.001	<0.001	<0.001
03/14/07	0.27	<0.001	0.501	FPH	<0.001	<0.001	<0.001	<0.001	<0.001
06/20/07	0.79	<0.002	0.78	2.65	<0.002	NS	<0.002	<0.002	<0.002
09/26/07	0.47	<0.002	0.515	0.93	<0.002	NS	<0.002	<0.002	<0.002
12/27/07	0.0736	<0.006	0.4615	0.425	<0.006	NS	<0.006	<0.006	<0.006

Notes: 1) All units mg/l, 2) Duplicate results averaged, 3) "J" qualifiers are not included in summary

4) Wells not installed where blank cells are present, 5) FPH free phase hydrocarbons present so no sample collected

6) NS: Well not sampled, see text for explanation

FIGURES

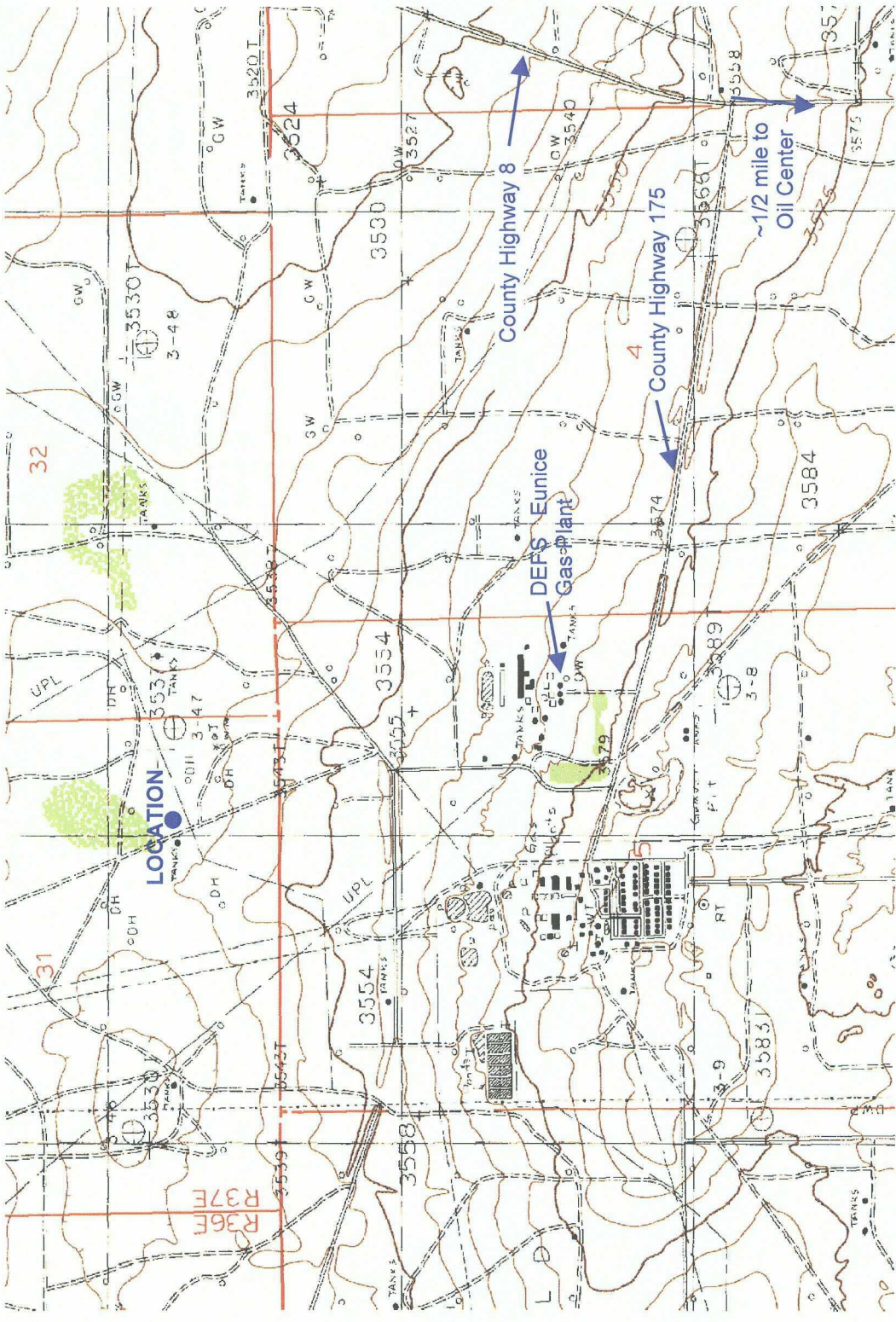


Figure 1 – Site Location and Topography

C-Line Groundwater Monitoring

dcp
Midstream

DRAWN BY: MHS
DATE: 5/05

0 5,000 feet

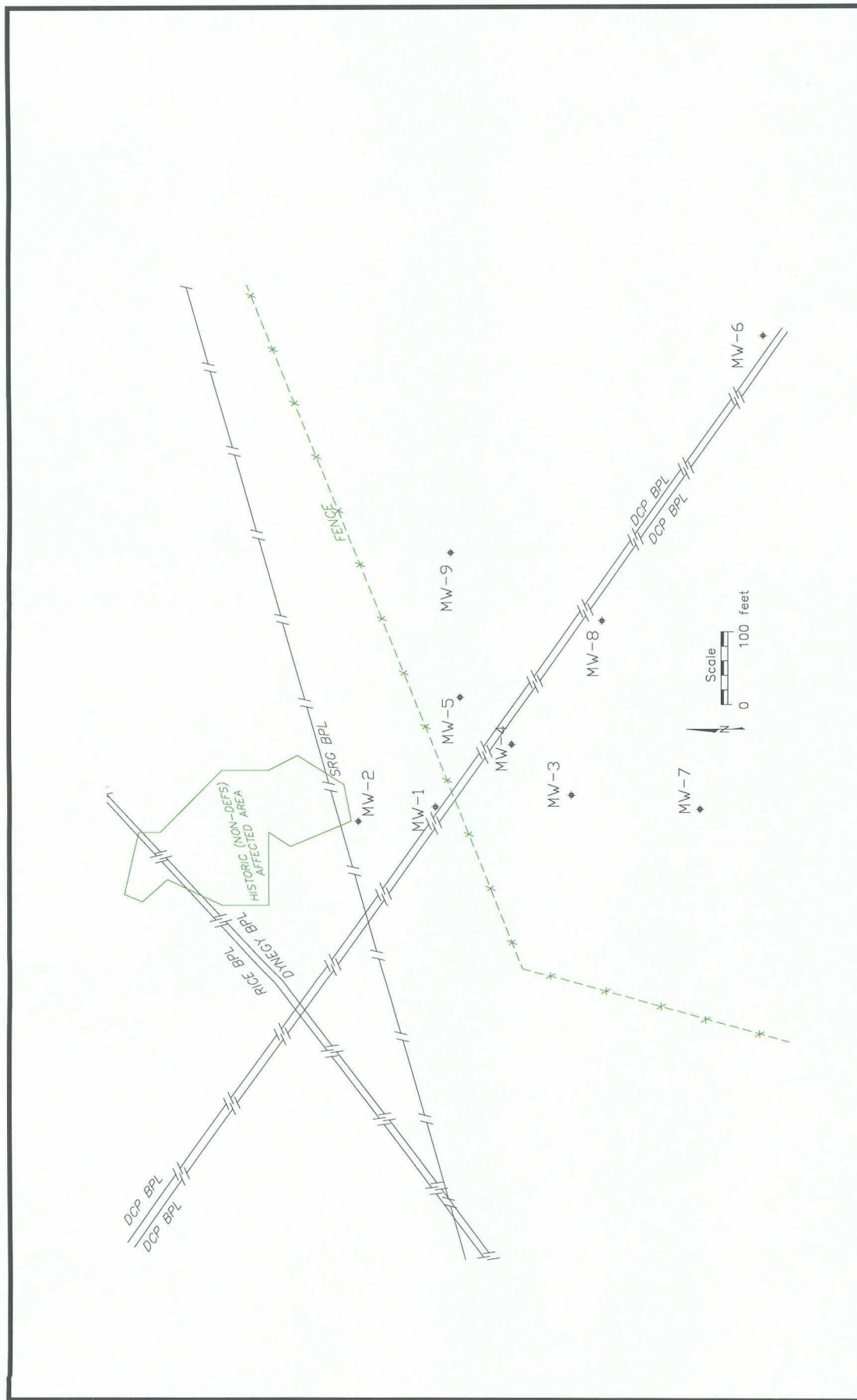


Figure 2 – Monitoring Well and Pipeline Locations

C-Line Groundwater Monitoring

dcp
Midstream

DRAWN BY: MHS
DATE: 10/07



Figure 3 – Monitoring Well Hydrographs

C-Line Groundwater Monitoring

DRAWN BY: MHS

DATE: 2/08

dcp
Midstream.

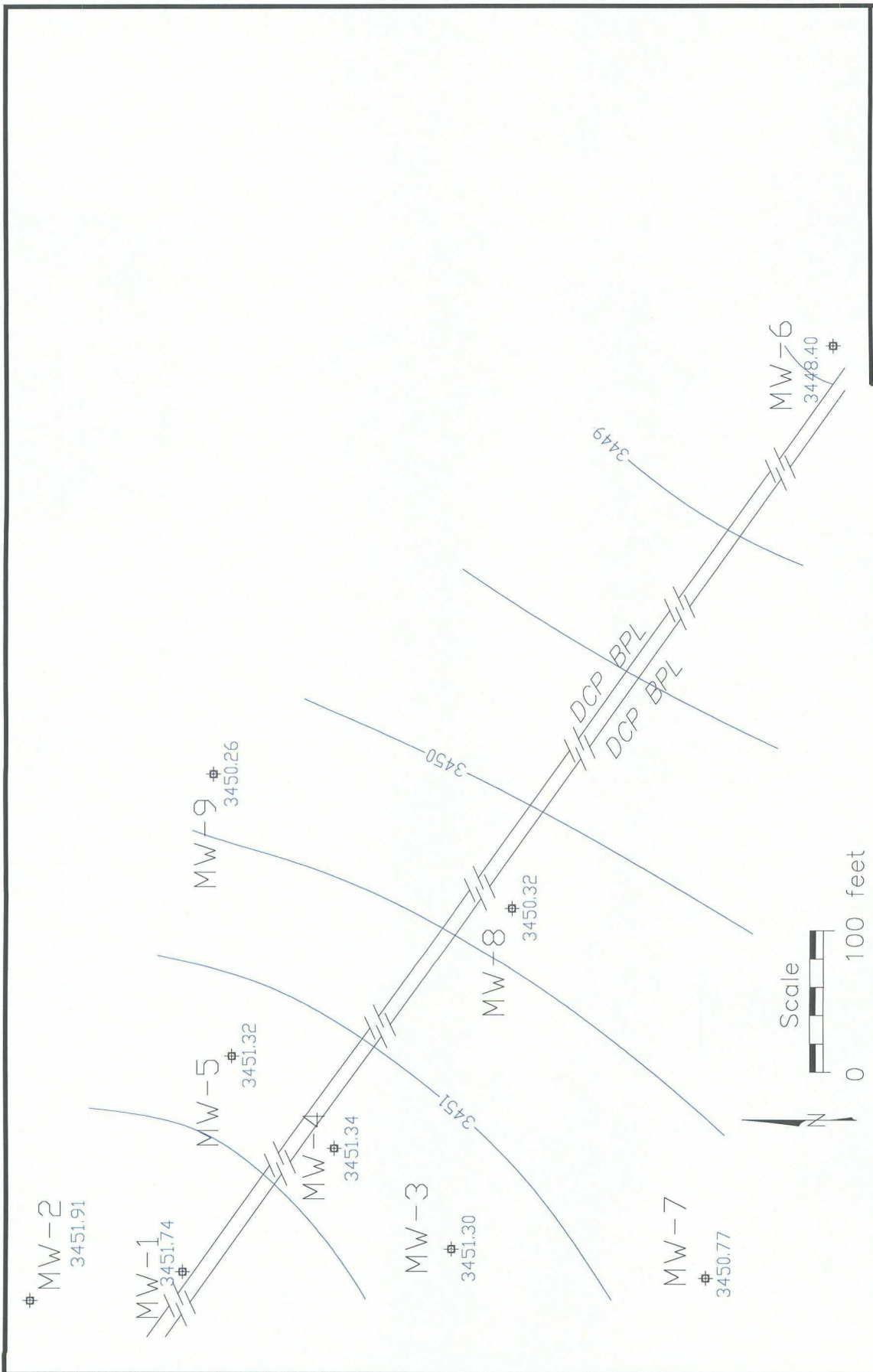


Figure 4 – December 2007 Water Table Elevations

C-Line Groundwater Monitoring

dcp Midstream	DRAWN BY: MHS DATE: 2/08
-------------------------	-----------------------------

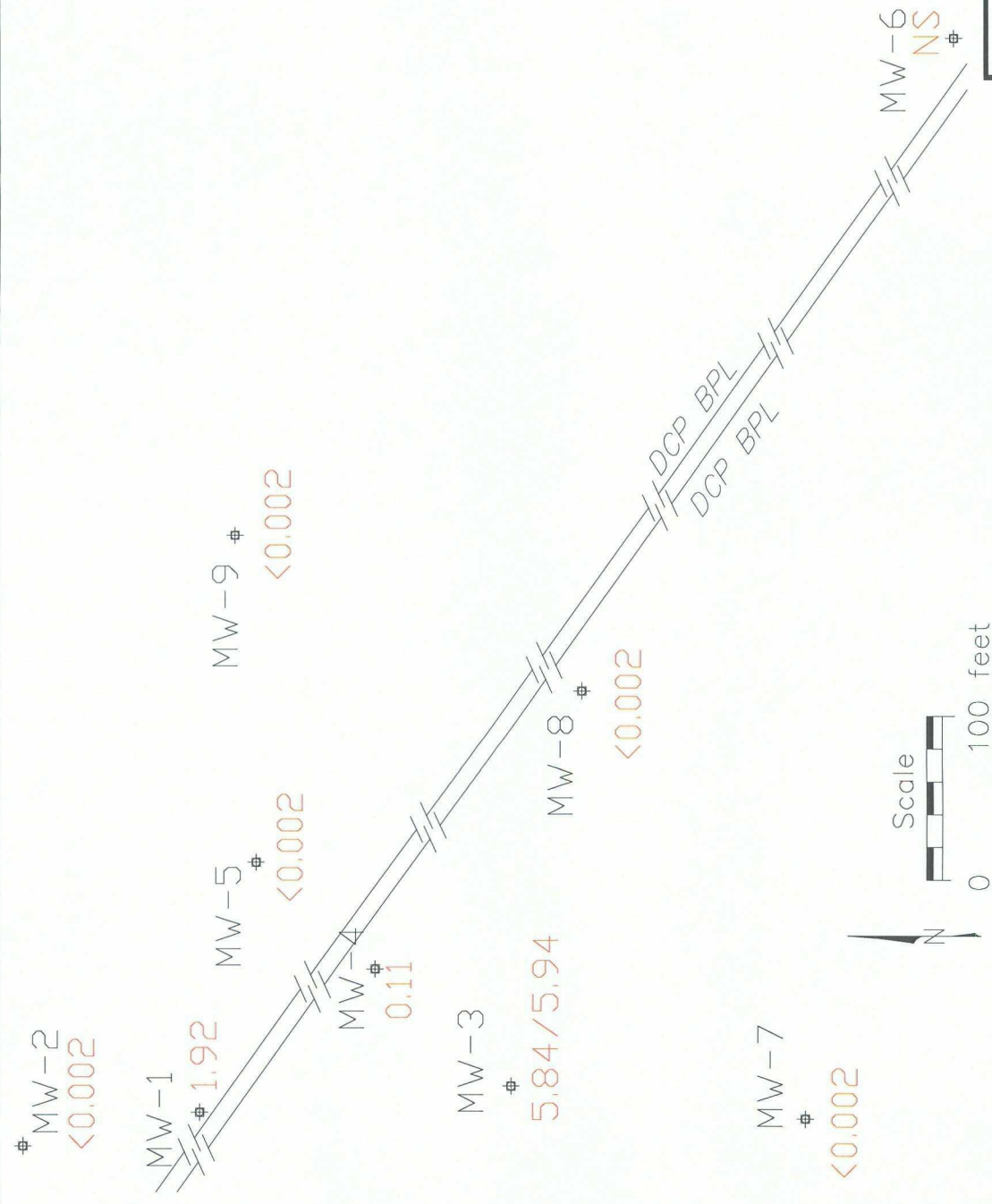


Figure 5 – December 2007 Benzene Concentrations

C-Line Groundwater Monitoring

DRAWN BY: MHS
DATE: 10/07



Units are mg/l
NS well MW-6 not sampled

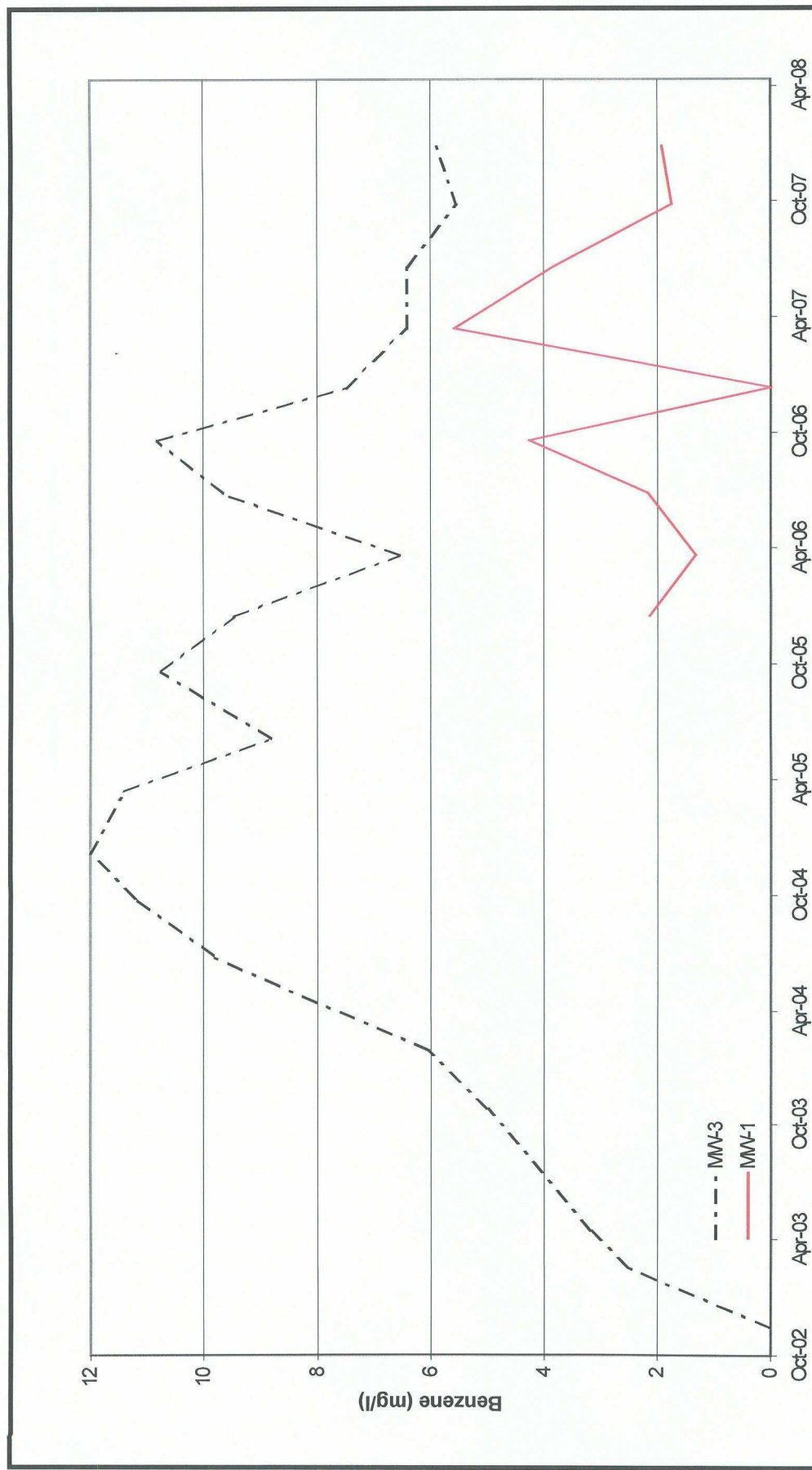


Figure 6 – Benzene Concentrations in MW-1 and MW-3

C-Line Groundwater Monitoring	
dcp Midstream	DRAWN BY: MHS
	DATE: 10/07

FIELD SAMPLING FORMS
AND
ANALYTICAL LABORATORY REPORT

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: RW-1
 SITE NAME: C Line DATE: 12/27/2007
 PROJECT NO. 7-0139-02 SAMPLER: J. Fergerson/Roger Brooks

PURGING METHOD: ☐ Hand Bailed ☒ Pump If Pump, Type: Monsoon

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☒ Alconox ☒ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☒ Disposal Facility

TOTAL DEPTH OF WELL: 99.98 Feet

DEPTH TO WATER: 89.47 Feet

HEIGHT OF WATER COLUMN: 10.51 Feet

WELL DIAMETER: 4.0 Inch

20.6 Minimum Gallons to
purge 3 well volumes
(Water Column Height x 1.96)

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
13:13	0.0	-	-	-	-	-	Began Pumping Well!
13:37	21.0	-	-	-	-	-	Did Not Collect Parameter
							Readings Due to Possible
							Damage to Probes!
0:24	:Total Time (hr:min)		21	:Total Vol (gal)		0.87	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 071227 1340

ANALYSES: BTEX (8260)

COMMENTS: _____

C:\DCP-C LINE\Purge & Sample

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-2
 SITE NAME: C Line DATE: 12/27/2007
 PROJECT NO. 7-0139-02 SAMPLER: J. Fergerson/Roger Brooks

PURGING METHOD: ☐ Hand Bailed ☒ Pump If Pump, Type: Monsoon

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☒ Alconox ☒ Distilled Water Rinse ☒ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☒ Disposal Facility

TOTAL DEPTH OF WELL: 100.94 Feet

DEPTH TO WATER: 89.00 Feet

HEIGHT OF WATER COLUMN: 11.94 Feet

WELL DIAMETER: 2.0 Inch

5.8 Minimum Gallons to
purge 3 well volumes
(Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. m S/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
11:37	0.0	-	-	-	-	-	Begin Pumping Well!
11:39	2.0	18.2	2.65	7.21	-	-	
11:40	4.0	19.2	2.64	7.25	-	-	
11:42	6.0	19.5	2.65	7.24	-	-	
0:05	:Total Time (hr:min)		6	:Total Vol (gal)		1.20	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 071227 1145

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-3
 SITE NAME: C Line DATE: 12/27/2007
 PROJECT NO. 7-0139-02 SAMPLER: J. Ferguson/Roger Brooks

PURGING METHOD: ☐ Hand Bailed ☒ Pump If Pump, Type: Monsoon

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☒ Alconox ☒ Distilled Water Rinse ☒ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☒ Disposal Facility

TOTAL DEPTH OF WELL: 102.44 Feet

DEPTH TO WATER: 90.11 Feet

HEIGHT OF WATER COLUMN: 12.33 Feet

WELL DIAMETER: 2.0 Inch

6.0 Minimum Gallons to
purge 3 well volumes
(Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. m S/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
12:03	0.0	-	-	-	-	-	Began Pumping Well!
12:05	2.1	17.6	2.31	7.40	-	-	
12:07	4.2	18.7	2.29	7.42	-	-	
12:09	6.3	19.0	2.29	7.40	-	-	
0:06	:Total Time (hr:min)		6.3	:Total Vol (gal)		1.05	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 071227 1210

ANALYSES: BTEX (8260)

COMMENTS: Collected Duplicate Sample No.: 0712271400 for BTEX (8260)

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-4
 SITE NAME: C Line DATE: 12/27/2007
 PROJECT NO. 7-0139-02 SAMPLER: J. Fergerson/Roger Brooks

PURGING METHOD: ☐ Hand Bailed ☒ Pump If Pump, Type: Monsoon

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☒ Alconox ☒ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☒ Disposal Facility

TOTAL DEPTH OF WELL: 103.42 Feet

DEPTH TO WATER: 90.06 Feet

HEIGHT OF WATER COLUMN: 13.36 Feet

WELL DIAMETER: 2.0 Inch

6.5 Minimum Gallons to
purge 3 well volumes
(Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. m S/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
12:40	0.0	-	-	-	-	-	Began Pumping Well!
12:42	2.2	18.1	2.69	7.46	-	-	
12:45	4.4	18.9	2.74	7.50	-	-	
12:46	6.6	19.2	2.75	7.47	-	-	
0:06	:Total Time (hr:min)		6.6	:Total Vol (gal)		1.10	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 071227 1250

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-5
 SITE NAME: C Line DATE: 12/27/2007
 PROJECT NO. 7-0139-02 SAMPLER: J. Fergerson/Roger Brooks

PURGING METHOD: ☐ Hand Bailed ☒ Pump If Pump, Type: Monsoon

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☒ Alconox ☒ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 102.05 Feet

DEPTH TO WATER: 90.13 Feet

HEIGHT OF WATER COLUMN: 11.92 Feet

WELL DIAMETER: 2.0 Inch

5.8 Minimum Gallons to
purge 3 well volumes
(Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. m S/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
11:12	0.0	-	-	-	-	-	Began Pumping Well!
11:14	2.0	16.9	3.13	7.36	-	-	
11:16	4.0	18.2	3.07	7.39	-	-	
11:18	6.0	18.9	3.06	7.37	-	-	
0:06	:Total Time (hr:min)		6	:Total Vol (gal)		1.00	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 071227 1125

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-7
 SITE NAME: C Line DATE: 12/27/2007
 PROJECT NO. 7-0139-02 SAMPLER: J. Fergerson/Roger Brooks

PURGING METHOD: ☐ Hand Bailed ☒ Pump If Pump, Type: Monsoon

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☒ Alconox ☒ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 100.40 Feet

DEPTH TO WATER: 91.65 Feet

HEIGHT OF WATER COLUMN: 8.75 Feet

WELL DIAMETER: 2.0 Inch

4.3 Minimum Gallons to
purge 3 well volumes
(Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. m S/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
9:27	0.0	-	-	-	-	-	Begin Hand Bailing
9:28	1.5	15.9	2.20	7.33	-	-	
9:30	3.0	17.3	2.19	7.40	-	-	
9:32	4.5	18.1	2.17	7.43	-	-	
0:05 :Total Time (hr:min)		4.5 :Total Vol (gal)			0.90 :Flow Rate (gal/min)		

SAMPLE NO.: Collected Sample No.: 071227 0940

ANALYSES: BTEX (8260)

COMMENTS: Collected MS/MSD Samples

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-8
 SITE NAME: C Line DATE: 12/27/2007
 PROJECT NO. 7-0139-02 SAMPLER: J. Fergerson/Roger Brooks

PURGING METHOD: ☐ Hand Bailed ☒ Pump If Pump, Type: Monsoon

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☒ Alconox ☒ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 100.50 Feet

DEPTH TO WATER: 89.97 Feet

HEIGHT OF WATER COLUMN: 10.53 Feet

WELL DIAMETER: 2.0 Inch

5.2 Minimum Gallons to
purge 3 well volumes
(Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
10:12	0.0	-	-	-	-	-	Begin Hand Bailing
10:20	2.0	16.6	2.67	7.38	-	-	
10:22	4.0	18.1	2.66	7.44	-	-	
10:24	6.0	18.4	2.64	7.43	-	-	
0:12	:Total Time (hr:min)		6	:Total Vol (gal)		0.50	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 071227 1025

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-9
 SITE NAME: C Line DATE: 12/27/2007
 PROJECT NO. 7-0139-02 SAMPLER: J. Fergerson/Roger Brooks

PURGING METHOD: ☐ Hand Bailed ☒ Pump If Pump, Type: Monsoon

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☒ Alconox ☒ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 100.50 Feet

DEPTH TO WATER: 89.36 Feet

HEIGHT OF WATER COLUMN: 11.14 Feet

WELL DIAMETER: 2.0 Inch

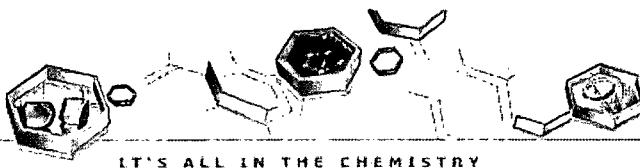
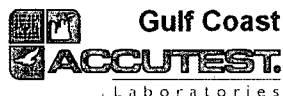
5.5 Minimum Gallons to
purge 3 well volumes
(Water Column Height x 0.49)

TIME	VOLUME PURGED	TEMP. °C	COND. m S/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
10:48	0.0	-	-	-	-	-	Begin Hand Bailing
10:50	2.0	15.3	2.89	7.38	-	-	
10:52	4.0	17.6	2.90	7.43	-	-	
10:53	6.0	18.0	2.90	7.42	-	-	
0:05	:Total Time (hr:min)		6	:Total Vol (gal)		1.20	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 071227 1055

ANALYSES: BTEX (8260)

COMMENTS: _____



01/04/08

Technical Report for

American Environmental Consulting
DCP Midstream - C Line/Lea County, NM

Accutest Job Number: T20336

Sampling Date: 12/27/07



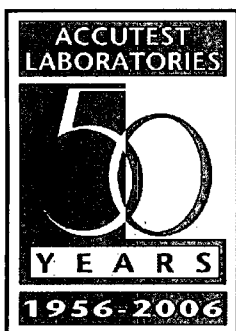
Report to:

American Environmental Consulting

mstewart@aecdenvr.com

ATTN: Mike Stewart

Total number of pages in report: 26



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

Ron Martino
Laboratory Manager

Client Service contact: Agnes Vicknair 713-271-4700

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-

Section 1: Sample Summary	3
Section 2: Sample Results	4
2.1: T20336-1: MW-2 (0712271145)	5
2.2: T20336-2: MW-3 (0712271210)	6
2.3: T20336-3: MW-4 (0712271250)	7
2.4: T20336-4: MW-5 (0712271125)	8
2.5: T20336-5: MW-7 (0712270940)	9
2.6: T20336-6: MW-8 (0712271025)	10
2.7: T20336-7: MW-9 (0712271055)	11
2.8: T20336-8: RW-1 (0712271340)	12
2.9: T20336-9: DUPLICATE (0712271400)	13
2.10: T20336-10: TRIP BLANK	14
Section 3: Misc. Forms	15
3.1: Chain of Custody	16
Section 4: GC/MS Volatiles - QC Data Summaries	18
4.1: Method Blank Summary	19
4.2: Blank Spike Summary	22
4.3: Matrix Spike/Matrix Spike Duplicate Summary	25

Sample Summary

American Environmental Consulting

Job No: T20336

DCP Midstream - C Line/Lea County, NM

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
T20336-1	12/27/07	11:45 JNF	12/29/07	AQ	Ground Water	MW-2 (0712271145)
T20336-2	12/27/07	12:10 JNF	12/29/07	AQ	Ground Water	MW-3 (0712271210)
T20336-3	12/27/07	12:50 JNF	12/29/07	AQ	Ground Water	MW-4 (0712271250)
T20336-4	12/27/07	11:25 JNF	12/29/07	AQ	Ground Water	MW-5 (0712271125)
T20336-5	12/27/07	09:40 JNF	12/29/07	AQ	Ground Water	MW-7 (0712270940)
T20336-5D	12/27/07	09:40 JNF	12/29/07	AQ	Ground Water	MW-7 (0712270940)
T20336-5S	12/27/07	09:40 JNF	12/29/07	AQ	Ground Water	MW-7 (0712270940)
T20336-6	12/27/07	10:25 JNF	12/29/07	AQ	Ground Water	MW-8 (0712271025)
T20336-7	12/27/07	10:55 JNF	12/29/07	AQ	Ground Water	MW-9 (0712271055)
T20336-8	12/27/07	13:40 JNF	12/29/07	AQ	Ground Water	RW-1 (0712271340)
T20336-9	12/27/07	14:00 JNF	12/29/07	AQ	Ground Water	DUPLICATE (0712271400)
T20336-10	12/27/07	00:00 JNF	12/29/07	AQ	Trip Blank Water	TRIP BLANK



IT'S ALL IN THE CHEMISTRY

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-2 (0712271145)	Date Sampled:	12/27/07
Lab Sample ID:	T20336-1	Date Received:	12/29/07
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream - C Line/Lea County, NM		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0036822.D	1	12/31/07	LJ	n/a	n/a	VZ1866
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	2.0	0.46	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		76-125%
17060-07-0	1,2-Dichloroethane-D4	97%		69-128%
2037-26-5	Toluene-D8	120%		80-121%
460-00-4	4-Bromofluorobenzene	134%		69-142%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID: MW-3 (0712271210)
 Lab Sample ID: T20336-2
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream - C Line/Lea County, NM

Date Sampled: 12/27/07
 Date Received: 12/29/07
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0036823.D	1	12/31/07	LJ	n/a	n/a	VZ1866
Run #2	Z0036851.D	10	01/02/08	LJ	n/a	n/a	VZ1867
Run #3	Z0036878.D	50	01/03/08	LJ	n/a	n/a	VZ1868

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml
Run #3	5.0 ml

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	5840 ^a	100	23	ug/l	
108-88-3	Toluene	2790 ^a	100	24	ug/l	
100-41-4	Ethylbenzene	318 ^b	20	4.5	ug/l	
1330-20-7	Xylene (total)	459	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
1868-53-7	Dibromofluoromethane	93%	92%	97%	76-125%
17060-07-0	1,2-Dichloroethane-D4	55% ^c	98%	107%	69-128%
2037-26-5	Toluene-D8	117%	114%	118%	80-121%
460-00-4	4-Bromofluorobenzene	144% ^d	119%	147% ^d	69-142%

(a) Result is from Run# 3

(b) Result is from Run# 2

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

(d) Outside of control limits biased high. There were 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

Report of Analysis

Page 1 of 1

Client Sample ID:	MW-4 (0712271250)	Date Sampled:	12/27/07
Lab Sample ID:	T20336-3	Date Received:	12/29/07
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream - C Line/Lea County, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0036873.D	1	01/03/08	LJ	n/a	n/a	VZ1868
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	110	2.0	0.46	ug/l	
108-88-3	Toluene	145	2.0	0.48	ug/l	
100-41-4	Ethylbenzene	83.7	2.0	0.45	ug/l	
1330-20-7	Xylene (total)	425	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		76-125%
17060-07-0	1,2-Dichloroethane-D4	107%		69-128%
2037-26-5	Toluene-D8	112%		80-121%
460-00-4	4-Bromofluorobenzene	134%		69-142%

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

2.4

2

Client Sample ID: MW-5 (0712271125)

Lab Sample ID: T20336-4

Date Sampled: 12/27/07

Matrix: AQ - Ground Water

Date Received: 12/29/07

Method: SW846 8260B

Percent Solids: n/a

Project: DCP Midstream - C Line/Lea County, NM

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0036848.D	1	01/02/08	LJ	n/a	n/a	VZ1867
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	2.0	0.46	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		76-125%
17060-07-0	1,2-Dichloroethane-D4	99%		69-128%
2037-26-5	Toluene-D8	120%		80-121%
460-00-4	4-Bromofluorobenzene	118%		69-142%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID: MW-7 (0712270940)

Lab Sample ID: T20336-5

Date Sampled: 12/27/07

Matrix: AQ - Ground Water

Date Received: 12/29/07

Method: SW846 8260B

Percent Solids: n/a

Project: DCP Midstream - C Line/Lea County, NM

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0036847.D	1	01/02/08	LJ	n/a	n/a	VZ1867
Run #2 ^a	Z0036826.D	1	12/31/07	LJ	n/a	n/a	VZ1866

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	ND	2.0	0.46	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%	98%	76-125%
17060-07-0	1,2-Dichloroethane-D4	94%	92%	69-128%
2037-26-5	Toluene-D8	117%	117%	80-121%
460-00-4	4-Bromofluorobenzene	132%	120%	69-142%

(a) Use for QC only.

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:	MW-8 (0712271025)		
Lab Sample ID:	T20336-6	Date Sampled:	12/27/07
Matrix:	AQ - Ground Water	Date Received:	12/29/07
Method:	SW846 8260B	Percent Solids:	n/a
Project:	DCP Midstream - C Line/Lea County, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0036829.D	1	12/31/07	LJ	n/a	n/a	VZ1866
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	2.0	0.46	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		76-125%
17060-07-0	1,2-Dichloroethane-D4	94%		69-128%
2037-26-5	Toluene-D8	119%		80-121%
460-00-4	4-Bromofluorobenzene	126%		69-142%

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

2.7 2

Client Sample ID:	MW-9 (0712271055)	Date Sampled:	12/27/07
Lab Sample ID:	T20336-7	Date Received:	12/29/07
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream - C Line/Lea County, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0036830.D	1	12/31/07	LJ	n/a	n/a	VZ1866
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	2.0	0.46	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		76-125%
17060-07-0	1,2-Dichloroethane-D4	95%		69-128%
2037-26-5	Toluene-D8	118%		80-121%
460-00-4	4-Bromofluorobenzene	129%		69-142%

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:	RW-1 (0712271340)			Date Sampled:	12/27/07
Lab Sample ID:	T20336-8			Date Received:	12/29/07
Matrix:	AQ - Ground Water			Percent Solids:	n/a
Method:	SW846 8260B				
Project:	DCP Midstream - C Line/Lea County, NM				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0036831.D	1	12/31/07	LJ	n/a	n/a	VZ1866
Run #2	Z0036852.D	10	01/02/08	LJ	n/a	n/a	VZ1867

	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	1920 ^a	20	4.6	ug/l	
108-88-3	Toluene	37.2	2.0	0.48	ug/l	
100-41-4	Ethylbenzene	278 ^a	20	4.5	ug/l	
1330-20-7	Xylene (total)	73.6	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	95%	76-125%
17060-07-0	1,2-Dichloroethane-D4	67% ^b	98%	69-128%
2037-26-5	Toluene-D8	114%	114%	80-121%
460-00-4	4-Bromofluorobenzene	124%	134%	69-142%

(a) Result is from Run# 2

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

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: DUPLICATE (0712271400)

Lab Sample ID: T20336-9

Date Sampled: 12/27/07

Matrix: AQ - Ground Water

Date Received: 12/29/07

Method: SW846 8260B

Percent Solids: n/a

Project: DCP Midstream - C Line/Lea County, NM

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0036832.D	1	12/31/07	LJ	n/a	n/a	VZ1866
Run #2	Z0036853.D	10	01/02/08	LJ	n/a	n/a	VZ1867
Run #3	Z0036879.D	50	01/03/08	LJ	n/a	n/a	VZ1868

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml
Run #3	5.0 ml

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	5940 ^a	100	23	ug/l	
108-88-3	Toluene	2830 ^a	100	24	ug/l	
100-41-4	Ethylbenzene	314 ^b	20	4.5	ug/l	
1330-20-7	Xylene (total)	464	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
1868-53-7	Dibromofluoromethane	95%	95%	97%	76-125%
17060-07-0	1,2-Dichloroethane-D4	51% ^c	96%	106%	69-128%
2037-26-5	Toluene-D8	116%	114%	120%	80-121%
460-00-4	4-Bromofluorobenzene	134%	138%	142%	69-142%

(a) Result is from Run# 3

(b) Result is from Run# 2

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

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:	12/27/07
Lab Sample ID:	T20336-10	Date Received:	12/29/07
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream - C Line/Lea County, NM		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0036821.D	1	12/31/07	LJ	n/a	n/a	VZ1866
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

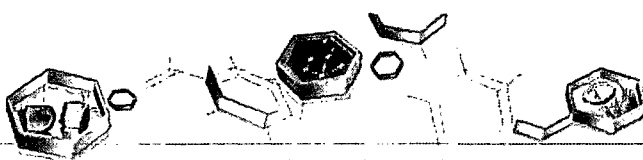
Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.46	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		76-125%
17060-07-0	1,2-Dichloroethane-D4	94%		69-128%
2037-26-5	Toluene-D8	118%		80-121%
460-00-4	4-Bromofluorobenzene	117%		69-142%

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



CHAIN OF CUSTODY

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

FED-EX Tracking #
864158873373
AccuEst Quote #

Bottle Order Control #

Accutest Job # 120834

[illegible]

3.1

3

T20336: Chain of Custody

Page 1 of 2



T20336 Laboratories

16 of 26

ACQUAINT.

SAMPLE RECEIPT LOG

JOB #: 120834

DATE/TIME RECEIVED: 12/29/07 10:00

CLIENT: American Environmental Consulting

INITIALS: CNE

Condition/Variance (Circle "Y" for yes and "N" for no or NA. If "N" is circled, see variance for explanation):

1. ☒ N Sample received in undamaged condition.
 2. ☒ N Sample received within temp. range.
 3. ☒ Y Sample received with proper pH.
 4. ☒ N Sample received in proper containers.
 5. ☒ N Sample volume sufficient for analysis.
 6. ☒ N Sample received with chain of custody.

7. ☒ N Chain of Custody matches sample IDs and analysis on containers.
8. ☒ N Samples Headspace acceptable

10. Y N (NA) Custody seal received intact and tamper not evident on cooler.

[illegible]

LOCATION: WI: Walk-In VR: Volatile Refrig. SUB: Subcontract EF: Encore Freezer

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NaOH 6: Other

Comments:

pH of waters checked excluding volatiles
pH of soils N/A

Delivery method: Courier: FedEx

COOLER TEMP: 4.4 COOLER TEMP: _____
COOLER TEMP: _____ COOLER TEMP: _____

Form: SM012, Rev.07/28/06 QAO



IT'S ALL IN THE CHEMISTRY

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Page 1 of 1

Job Number: T20336

Account: AECCOLI American Environmental Consulting

Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1866-MB	Z0036820.D	1	12/31/07	LJ	n/a	n/a	VZ1866

The QC reported here applies to the following samples:

Method: SW846 8260B

T20336-1, T20336-2, T20336-5, T20336-6, T20336-7, T20336-8, T20336-9, T20336-10

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.46	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Result	Limits
1868-53-7	Dibromofluoromethane	97%	76-125%
17060-07-0	1,2-Dichloroethane-D4	95%	69-128%
2037-26-5	Toluene-D8	117%	80-121%
460-00-4	4-Bromofluorobenzene	117%	69-142%

Method Blank Summary

Page 1 of 1

Job Number: T20336

Account: AECCOLI American Environmental Consulting

Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1867-MB	Z0036846.D	1	01/02/08	LJ	n/a	n/a	VZ1867

The QC reported here applies to the following samples:

Method: SW846 8260B

T20336-2, T20336-4, T20336-5, T20336-8, T20336-9

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.46	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	96%	76-125%
17060-07-0	1,2-Dichloroethane-D4	93%	69-128%
2037-26-5	Toluene-D8	114%	80-121%
460-00-4	4-Bromofluorobenzene	134%	69-142%

Method Blank Summary

Page 1 of 1

Job Number: T20336

Account: AECCOLI American Environmental Consulting

Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1868-MB	Z0036872.D	1	01/03/08	LJ	n/a	n/a	VZ1868

The QC reported here applies to the following samples:

Method: SW846 8260B

T20336-2, T20336-3, T20336-9

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.46	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	109% 76-125%
17060-07-0	1,2-Dichloroethane-D4	104% 69-128%
2037-26-5	Toluene-D8	122%* a 80-121%
460-00-4	4-Bromofluorobenzene	133% 69-142%

(a) Outside control limits biased high. Since there are no detects, the data is acceptable.

Blank Spike Summary

Page 1 of 1

Job Number: T20336

Account: AECCOLI American Environmental Consulting

Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1866-BS	Z0036818.D	1	12/31/07	LJ	n/a	n/a	VZ1866

The QC reported here applies to the following samples:

Method: SW846 8260B

T20336-1, T20336-2, T20336-5, T20336-6, T20336-7, T20336-8, T20336-9, T20336-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.0	104	73-121
100-41-4	Ethylbenzene	25	27.2	109	75-117
108-88-3	Toluene	25	31.4	126* a	75-119
1330-20-7	Xylene (total)	75	78.0	104	75-118

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	76-125%
17060-07-0	1,2-Dichloroethane-D4	90%	69-128%
2037-26-5	Toluene-D8	118%	80-121%
460-00-4	4-Bromofluorobenzene	148%* b	69-142%

(a) Outside control limits biased high. Data is acceptable for all ND results.

(b) Outside control limits biased high.

Blank Spike Summary

Page 1 of 1

Job Number: T20336

Account: AECCOLI American Environmental Consulting

Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1867-BS	Z0036844.D	1	01/02/08	LJ	n/a	n/a	VZ1867

The QC reported here applies to the following samples:

Method: SW846 8260B

T20336-2, T20336-4, T20336-5, T20336-8, T20336-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	22.1	88	73-121
100-41-4	Ethylbenzene	25	22.6	90	75-117
108-88-3	Toluene	25	25.9	104	75-119
1330-20-7	Xylene (total)	75	64.8	86	75-118

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	93%	76-125%
17060-07-0	1,2-Dichloroethane-D4	90%	69-128%
2037-26-5	Toluene-D8	115%	80-121%
460-00-4	4-Bromofluorobenzene	136%	69-142%

Blank Spike Summary

Page 1 of 1

Job Number: T20336

Account: AECCOLI American Environmental Consulting

Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1868-BS	Z0036870.D	1	01/03/08	LJ	n/a	n/a	VZ1868

The QC reported here applies to the following samples:

Method: SW846 8260B

T20336-2, T20336-3, T20336-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	23.9	96	73-121
100-41-4	Ethylbenzene	25	24.7	99	75-117
108-88-3	Toluene	25	27.7	111	75-119
1330-20-7	Xylene (total)	75	69.2	92	75-118

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	76-125%
17060-07-0	1,2-Dichloroethane-D4	103%	69-128%
2037-26-5	Toluene-D8	115%	80-121%
460-00-4	4-Bromofluorobenzene	109%	69-142%

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T20336

Account: AECCOLI American Environmental Consulting

Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T20336-5MS	Z0036827.D	1	12/31/07	LJ	n/a	n/a	VZ1866
T20336-5MSD	Z0036828.D	1	12/31/07	LJ	n/a	n/a	VZ1866
T20336-5 ^a	Z0036826.D	1	12/31/07	LJ	n/a	n/a	VZ1866

The QC reported here applies to the following samples:

Method: SW846 8260B

T20336-1, T20336-2, T20336-5, T20336-6, T20336-7, T20336-8, T20336-9, T20336-10

CAS No.	Compound	T20336-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	0.55	J	25	24.3	95	24.6	96	1	74-125/18
100-41-4	Ethylbenzene	ND		25	24.8	99	25.6	102	3	77-119/20
108-88-3	Toluene	0.65	J	25	28.4	111	29.0	113	2	79-119/21
1330-20-7	Xylene (total)	ND		75	72.3	96	74.0	99	2	78-119/20

CAS No.	Surrogate Recoveries	MS	MSD	T20336-5	Limits
1868-53-7	Dibromofluoromethane	98%	97%	98%	76-125%
17060-07-0	1,2-Dichloroethane-D4	96%	90%	92%	69-128%
2037-26-5	Toluene-D8	117%	116%	117%	80-121%
460-00-4	4-Bromofluorobenzene	121%	116%	120%	69-142%

(a) Use for QC only.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T20336

Account: AECCOLI American Environmental Consulting

Project: DCP Midstream - C Line/Lea County, NM

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T20333-5MS	Z0036880.D	1	01/03/08	LJ	n/a	n/a	VZ1868
T20333-5MSD	Z0036881.D	1	01/03/08	LJ	n/a	n/a	VZ1868
T20333-5	Z0036874.D	1	01/03/08	LJ	n/a	n/a	VZ1868

The QC reported here applies to the following samples:

Method: SW846 8260B

T20336-2, T20336-3, T20336-9

CAS No.	Compound	T20333-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	25.6	102	25.7	103	0	74-125/18
100-41-4	Ethylbenzene	ND		25	26.2	105	26.3	105	0	77-119/20
108-88-3	Toluene	ND		25	28.3	113	28.9	116	2	79-119/21
1330-20-7	Xylene (total)	ND		75	71.6	95	72.6	97	1	78-119/20

CAS No.	Surrogate Recoveries	MS	MSD	T20333-5	Limits
1868-53-7	Dibromofluoromethane	98%	99%	97%	76-125%
17060-07-0	1,2-Dichloroethane-D4	107%	108%	94%	69-128%
2037-26-5	Toluene-D8	115%	114%	119%	80-121%
460-00-4	4-Bromofluorobenzene	126%	126%	143%* a	69-142%

(a) Outside of control limits biased high. There were no target compounds associated with this surrogate