1RP – 401

1st Semi Annual GW monitoring Report

YEAR(S): 2009

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

June 2, 2009

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

RE: 1st 2009 Semi Annual Groundwater Monitoring Results
DCP C-Line Pipeline Release (1RP-401-0)
Lea County, NM (Unit O Section 31, T19S, R37E)

Dear Mr. Lowe:

DCP Midstream, LP (DCP) is pleased to submit for your review, one copy of the 1st 2009 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

AEC AMERICAN ENVIRONMENTAL CONSULTING, LLC

May 26, 2009

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

Re: First 2009 Semiannual Groundwater Monitoring Report
DCP 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 first semiannual 2009 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 March 10, 2009. 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 32.52500 degrees 3 north, 103.28667 degrees 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 disposal of 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 anlytical laboratory report is attached.

The quality control QC evaluations completed for this event include:

- 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 or were not related to the constituents that were detected;
- The method blank and blank spike evaluations were all acceptable;
- The relative percentage difference (RPD) values for the MW-3 primary and duplicate samples were all less than 10 percent; 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 groundwater monitoring data.

RESULTS AND INTERPRETATIONS

The first semiannual 2009 BTEX results are summarized in Table 4. The constituents that exceed the New Mexico Water Quality Control Commission (WQCC) Groundwater Standard are highlighted as bold text. The data for all sampling events are compiled in Table 5 for benzene, Table 6 for toluene, Table 7 for ethylbenzene and Table 8 for xylenes.

Figure 3 includes hydrographs for all site wells. The water table elevations increased in all of the wells. Figure 4 shows the first semiannual 2009 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 event benzene distribution. Benzene was reported at 0.94 mg/l in MW-1, 5.03 mg/l in MW-3 and 0.0141 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 over time 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 decreased slightly between September

2008 and March 2009. The current value remains within the lower part of the historical fluctuation range.

Sampling in MW-3 began in November 2002 at the start of the project. The benzene concentration declined substantially from the September 2008 concentration. The March 2009 benzene concentration was the lowest measured in this well since October 2003 (Table 5).

The benzene concentration in MW-4 of 0.0141 mg/l was slightly above the WQCC Groundwater Standards. This concentration is almost identical to the 1.046 mg/l value that was measured in September 2008. 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 5 establishes that natural bioremediation processes are attenuating the BTEX constituents between MW-1 and MW-4.

Benzene has not been detected at or above a 0.001 mg/l concentration in either MW-2 or MW-5 since June 2005. 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 down-gradient migration of the dissolved-phase constituents.

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 second 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

attachments

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 Groundwater 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	Mar-09
MW-1	3451.88	3451.86	3451.82	3451.83	3451.64	3451.62	3451.74	3452.17	3449.64	3451.57
MW-2	3452.13	3452.12	3452.06	3452.07	3452.04	3452.13	3451.91	3451.87	3451.80	3451.87
MW-3	3451.45	3451.43	3451.40	3451.40	3451.21	3451.36	3451.30	3451.14	3451.12	3451.17
MW-4	3451.40	3451.34	3451.33	3451.36	3450.99	3451.07	3451.34	3450.98	3451.02	3451.17
MW-5	3451.16	3451.16	3451.22	3451.27	3450.87	3451.05	3451.32	3450.87	3450.85	3451.09
MW-6	3448.28	3448.27	3448.30	3448.36	3447.97	3448.15	3448.40	3448.04	3447.96	3448.12
MW-7	3450.81	3450.83	3450.78	3450.80	3450.52	3450.72	3450.77	3450.51	3450.53	3450.55
MW-8	3450.14	3450.21	3450.28	3450.35	3449.86	3450.08	3450.32	3449.91	3449.81	3450.10
MW-9	3449.92	3450.02	3450.15	3450.19	3449.79	3449.95	3450.26	3449.80	3449.62	3450.02

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):

$GWE_{corr} = MGWE + (PT*PD)$: 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
03/10/09	0.00	0.00

Units are feet

Table 4 – First Semiannual 2009 Results

Well	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standards	0.01	0.75	0.75	0.62
MW-1	**0.942**	0.224	0.0178J	0.0926
MW-2	<0.002	<0.002	<0.002	<0.006
MW-3	**5.25**	0.3	**2.6**	**0.907**
MW-3 (duplicate)	**4.8**	0.289	**2.4**	**0.919**
MW-4	**0.0141**	0.0618	0.0178	0.0863
MW-5	0.0005J	<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
NMWQCC Standards: New Mexico Water Quality Control Commission Groundwater Standards. Bold values exceed their respective
A J value quantifies a constituent that was measured between the method detection limit and the method reporting limit.

Table 5 - Summary of Historical 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
03/10/09	0.942	<0.002	5.03	0.0141	0.0005J	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 6 - Summary of Historical 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
03/10/09	0.0178J	<0.002	2.5	0.0178	<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 7 – Summary of Historical 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
03/10/09	0.224	<0.002	0.2945	0.0618	<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 8 – Summary of Historical 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
03/10/09	0.0926	<0.006	0.913	0.0863	<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

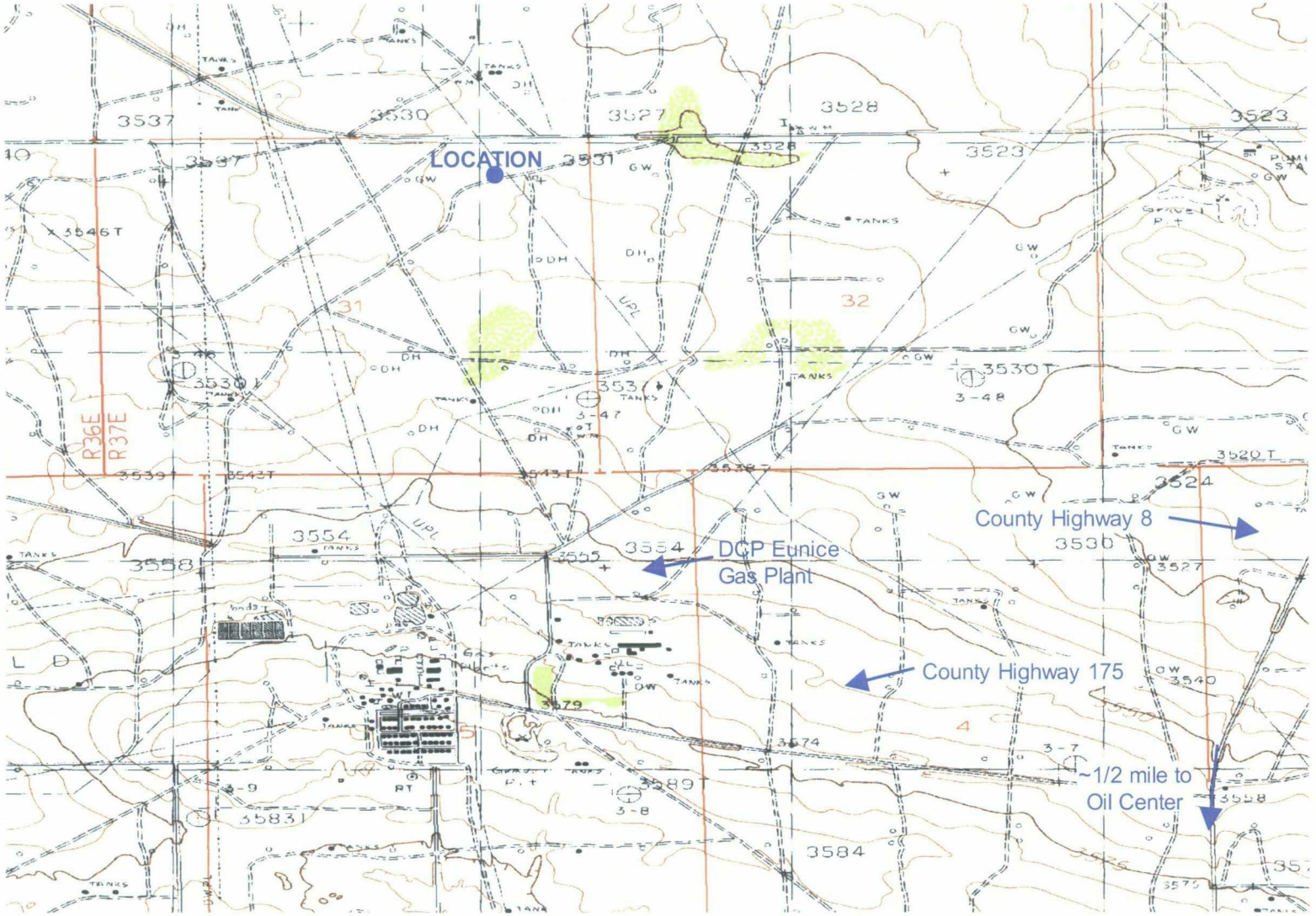


Figure 1 – Site Location and Topography

C-Line Groundwater Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: 5/05

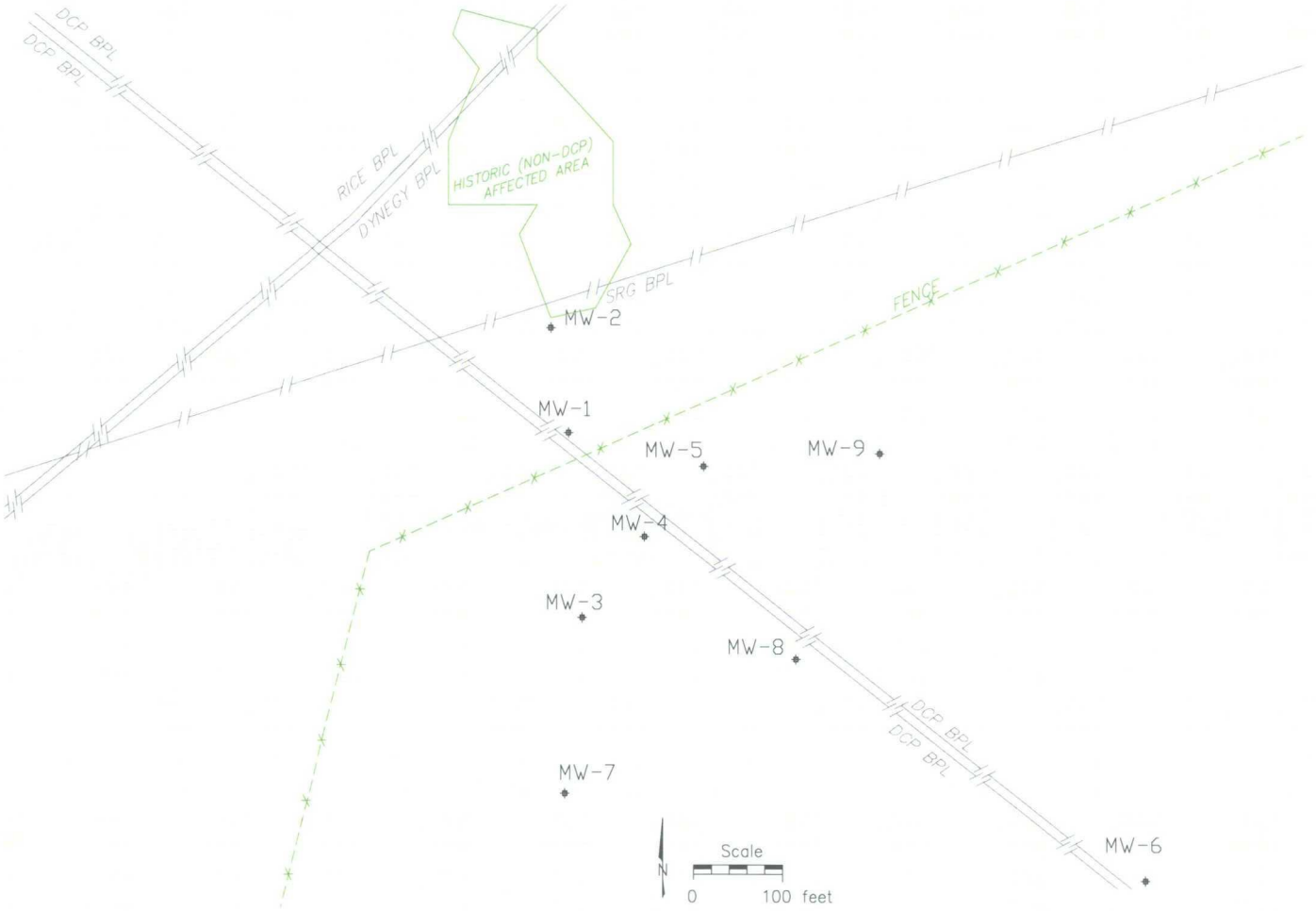


Figure 2 – Monitoring Well and Pipeline Locations

C-Line Groundwater Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE:10/07

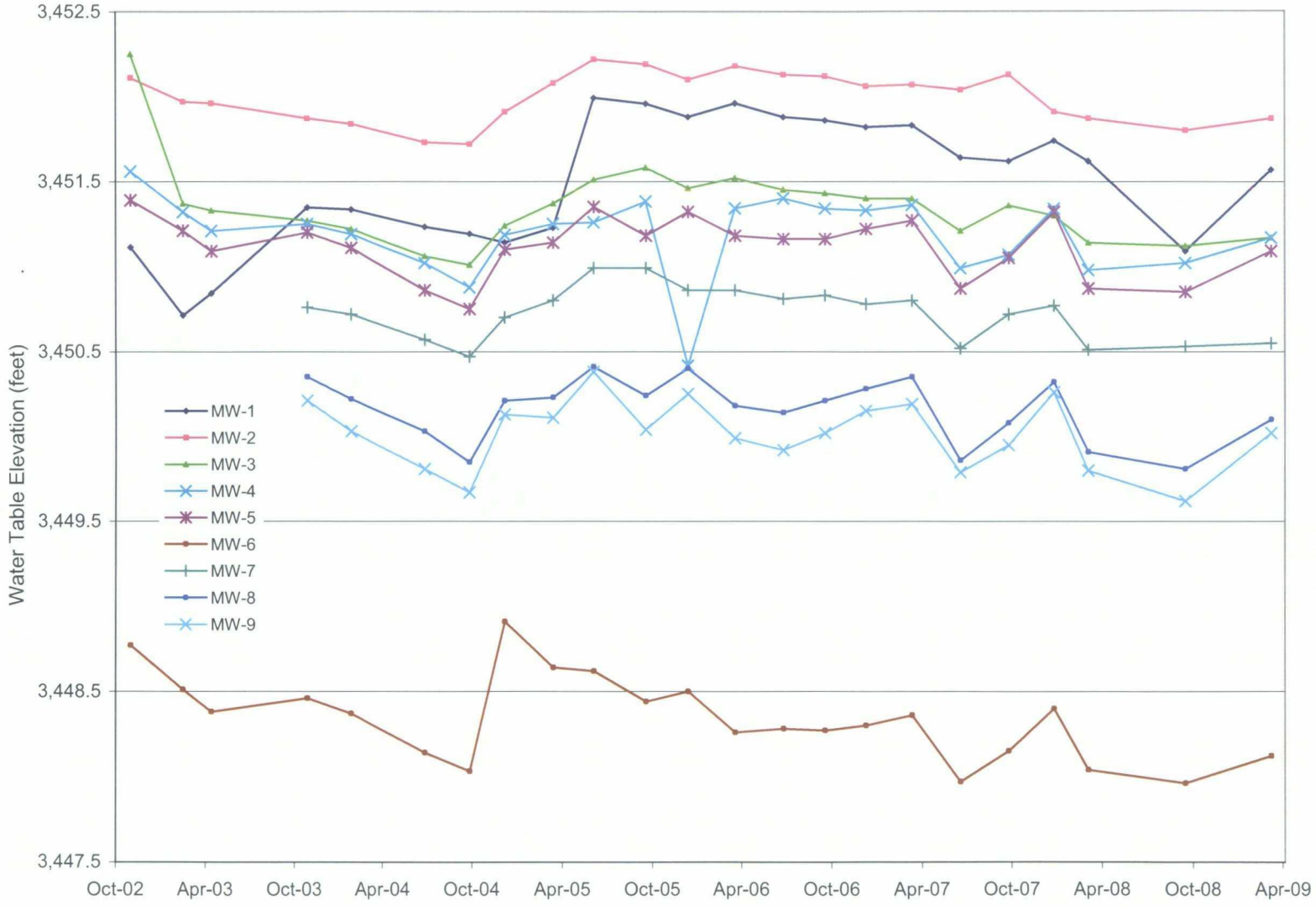


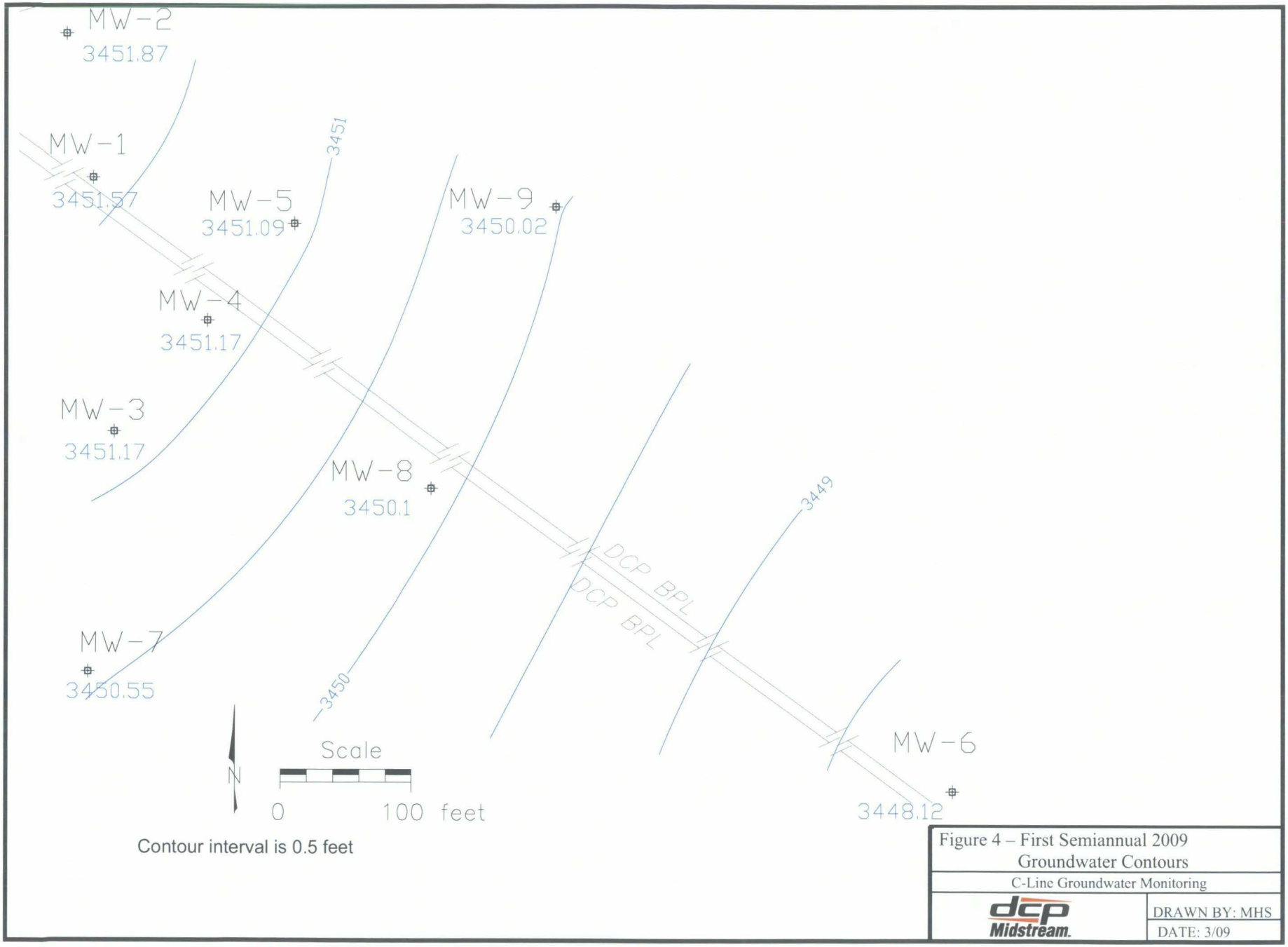
Figure 3 – Monitoring Well Hydrographs

C-Line Groundwater Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: 3/09



Contour interval is 0.5 feet

Figure 4 – First Semiannual 2009 Groundwater Contours

C-Line Groundwater Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: 3/09

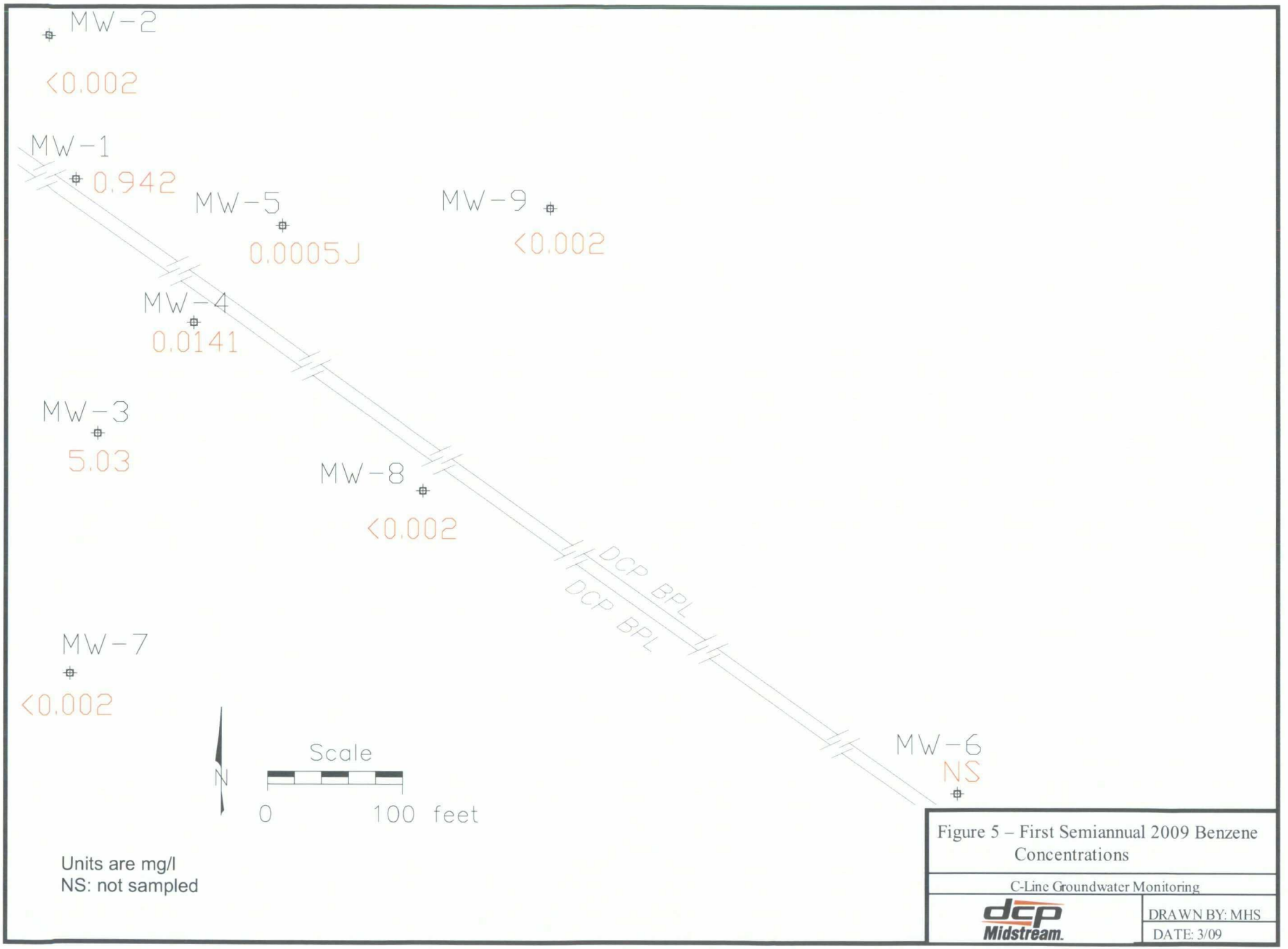


Figure 5 – First Semiannual 2009 Benzene Concentrations

C-Line Groundwater Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: 3/09

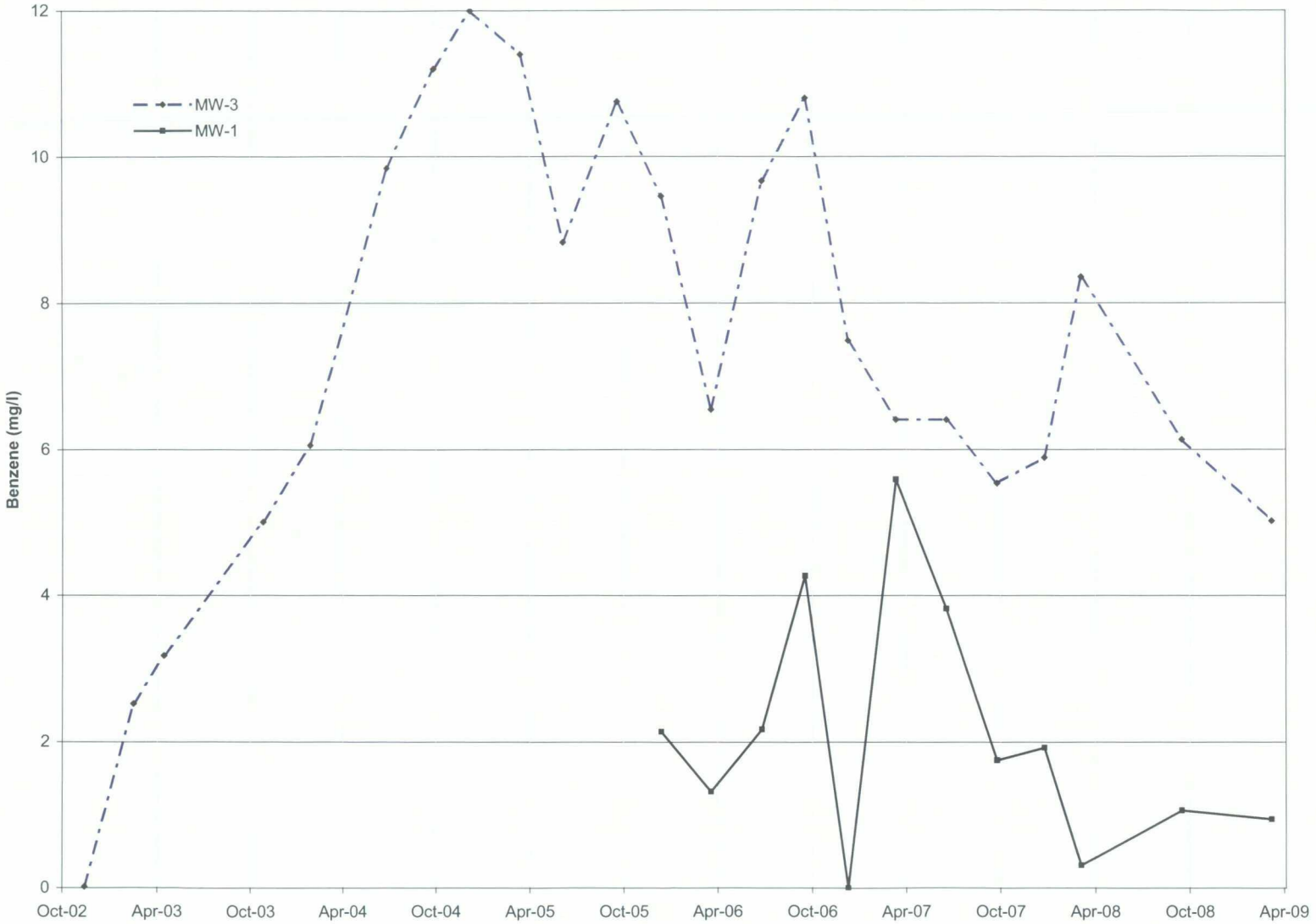


Figure 6 – Benzene Concentrations in MW-1 and MW-3

C-Line Groundwater Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: 3/09

WELL SAMPLING DATA
AND
ANALYTICAL LABORATORY REPORT

WELL SAMPLING DATA FORM

CLIENT: **DCP Midstream** WELL ID: **MW-1**

SITE NAME: C Line DATE: 3/10/2009

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: _____

TOTAL DEPTH OF WELL: 101.50 Feet

DEPTH TO WATER: 91.09 Feet

HEIGHT OF WATER COLUMN: 10.41 Feet

WELL DIAMETER: 4.0 Inch

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

TIME	VOLUME PURGED	TEMP. °C	COND. *m* S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	20						-
	20.0	:Total Vol (gal)					

SAMPLE NO.: MW-1

ANALYSES:	BTEX (8260)				

COMMENTS: No field parameters because of high BTEX concentration

WELL SAMPLING DATA FORM

CLIENT: **DCP Midstream** WELL ID: **MW-2**

SITE NAME: C Line DATE: 3/10/2009

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: _____

TOTAL DEPTH OF WELL: 100.94 Feet

DEPTH TO WATER: 89.04 Feet

HEIGHT OF WATER COLUMN: 11.90 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. *m*S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	2.0	19.7	2.75	7.19			
	4.0	19.7	2.74	7.19			
620	6.0	19.7	2.75	7.20			
	6.0	:Total Vol (gal)					

SAMPLE NO.: MW-2

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: **DCP Midstream** WELL ID: **MW-3**

SITE NAME: C Line DATE: 3/10/2009

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: _____

TOTAL DEPTH OF WELL: 102.44 Feet

DEPTH TO WATER: 90.24 Feet

HEIGHT OF WATER COLUMN: 12.20 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
	2.0	20.2	2.32	7.47			
	4.0	20.2	2.32	7.42			
345	6.0	20.1	2.32	7.44			
	6.0	:Total Vol (gal)					

SAMPLE NO.: MW-3

ANALYSES: BTEX (8260)

COMMENTS: Collected Duplicate Sample

WELL SAMPLING DATA FORM

CLIENT: **DCP Midstream** WELL ID: **MW-4**

SITE NAME: C Line DATE: 3/10/2009

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: _____

TOTAL DEPTH OF WELL: 103.42 Feet

DEPTH TO WATER: 90.23 Feet

HEIGHT OF WATER COLUMN: 13.19 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
	2.3	20	2.69	7.57			
	4.6	20.0	2.73	7.54			
520	6.9	19.9	2.74	7.53			
	6.9	:Total Vol (gal)					

SAMPLE NO.: MW-4

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: **DCP Midstream** WELL ID: **MW-5**

SITE NAME: C Line DATE: 3/10/2009

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: _____

TOTAL DEPTH OF WELL: 102.05 Feet

DEPTH TO WATER: 90.36 Feet

HEIGHT OF WATER COLUMN: 11.69 Feet

WELL DIAMETER: 2.0 Inch

5.7 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
	2.0	20.2	3.16	7.37			
	4.0	19.7	3.1	7.48			
530	6.0	19.7	3.07	7.46			
	6.0	:Total Vol (gal)					

SAMPLE NO.: MW-5

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: **DCP Midstream** WELL ID: **MW-6**

SITE NAME: C Line DATE: 3/10/2009

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: _____

TOTAL DEPTH OF WELL: 103.20 Feet

DEPTH TO WATER: 95.86 Feet

HEIGHT OF WATER COLUMN: 7.34 Feet

WELL DIAMETER: 2.0 Inch

3.6 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
	0.0	:Total Vol (gal)					

SAMPLE NO.: MW-6

ANALYSES: BTEX (8260)

COMMENTS: Did Not Purge & Sample

WELL SAMPLING DATA FORM

CLIENT: **DCP Midstream** WELL ID: **MW-7**

SITE NAME: C Line DATE: 3/10/2009

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: _____

TOTAL DEPTH OF WELL: 100.40 Feet
DEPTH TO WATER: 91.87 Feet
HEIGHT OF WATER COLUMN: 8.53 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. *m*S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	1.6	20.2	2.24	7.58			
	3.2	20.2	2.24	7.56			
340	4.8	20.3	2.24	7.49			
	4.8	:Total Vol (gal)					

SAMPLE NO.: MW-7

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: **DCP Midstream** WELL ID: **MW-8**

SITE NAME: C Line DATE: 3/10/2009

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: _____

TOTAL DEPTH OF WELL: 100.50 Feet
DEPTH TO WATER: 90.19 Feet
HEIGHT OF WATER COLUMN: 10.31 Feet
WELL DIAMETER: 2.0 Inch

5.0 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
	1.7	20.0	2.70	7.55			
	3.4	19.9	2.70	7.50			
440	5.1	19.8	2.70	7.49			
	5.1	:Total Vol (gal)					

SAMPLE NO.: MW-8

ANALYSES: BTEX (8260)

COMMENTS: MS / MSD sample collected

WELL SAMPLING DATA FORM

CLIENT: **DCP Midstream** WELL ID: **MW-9**

SITE NAME: C Line DATE: 3/10/2009

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: _____

TOTAL DEPTH OF WELL: 100.50 Feet
DEPTH TO WATER: 89.60 Feet
HEIGHT OF WATER COLUMN: 10.90 Feet
WELL DIAMETER: 2.0 Inch

5.3 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
	2.0	19.6	2.89	7.50			
	4.0	19.8	2.89	7.48			
445	6.0	19.8	2.91	7.47			
	6.0	:Total Vol (gal)					

SAMPLE NO.: MW-9

ANALYSES: BTEX (8260)

COMMENTS: _____

Gulf Coast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

03/23/09

Technical Report for

DCP Midstream, LLC

DCP Midstream C Line Site

Accutest Job Number: T26002

Sampling Date: 03/10/09

Report to:

American Environmental Consulting

mstewart@aecdenver.com

ATTN: Mike Stewart

Total number of pages in report: **29**

ACCREDITED IN ACCORDANCE WITH nelac

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

Paul K Canevaro

Paul Canevaro
Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: William Reeves 713-271-4700

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

Test results relate only to samples analyzed.

Note: This report is password protected to disallow document modification or assembly.
A password to unlock this report is available from your client service representative.

Sections: 1 2 3 4

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Sample Summary

DCP Midstream, LLC

DCP Midstream C Line Site

Job No: T26002

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
T26002-1	03/10/09	18:10	MS	03/13/09	AQ	Ground Water	MW-1
T26002-2	03/10/09	18:20	MS	03/13/09	AQ	Ground Water	MW-2
T26002-3	03/10/09	15:45	MS	03/13/09	AQ	Ground Water	MW-3
T26002-4	03/10/09	17:20	MS	03/13/09	AQ	Ground Water	MW-4
T26002-5	03/10/09	17:30	MS	03/13/09	AQ	Ground Water	MW-5
T26002-6	03/10/09	15:40	MS	03/13/09	AQ	Ground Water	MW-7
T26002-7	03/10/09	16:40	MS	03/13/09	AQ	Ground Water	MW-8
T26002-7D	03/10/09	16:40	MS	03/13/09	AQ	Water Dup/MSD	MW-8 MSD
T26002-7S	03/10/09	16:40	MS	03/13/09	AQ	Water Matrix Spike	MW-8 MS
T26002-8	03/10/09	16:45	MS	03/13/09	AQ	Ground Water	MW-9
T26002-9	03/10/09	00:00	MS	03/13/09	AQ	Ground Water	DUP
T26002-10	03/10/09	00:00	MS	03/13/09	AQ	Trip Blank Water	TRIP BLANK

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	T26002-1	Date Sampled:	03/10/09
Matrix:	AQ - Ground Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0048743.D	10	03/15/09	RR	n/a	n/a	VZ2435
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.942	0.020	0.0046	mg/l	
108-88-3	Toluene	0.0178	0.020	0.0048	mg/l	J
100-41-4	Ethylbenzene	0.224	0.020	0.0045	mg/l	
1330-20-7	Xylene (total)	0.0926	0.060	0.014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		79-122%
17060-07-0	1,2-Dichloroethane-D4	114%		75-121%
2037-26-5	Toluene-D8	119%		87-119%
460-00-4	4-Bromofluorobenzene	103%		80-133%

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

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	T26002-2	Date Sampled:	03/10/09
Matrix:	AQ - Ground Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F014746.D	1	03/15/09	RR	n/a	n/a	VF3319
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	104%		79-122%
17060-07-0	1,2-Dichloroethane-D4	108%		75-121%
2037-26-5	Toluene-D8	106%		87-119%
460-00-4	4-Bromofluorobenzene	111%		80-133%

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

Accutest LabLink@35993 14:27 23-Mar-2009

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	T26002-3	Date Sampled:	03/10/09
Matrix:	AQ - Ground Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0048754.D	50	03/16/09	RR	n/a	n/a	VZ2436
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	5.25	0.10	0.023	mg/l	
108-88-3	Toluene	2.60	0.10	0.024	mg/l	
100-41-4	Ethylbenzene	0.300	0.10	0.023	mg/l	
1330-20-7	Xylene (total)	0.907	0.30	0.068	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		79-122%
17060-07-0	1,2-Dichloroethane-D4	92%		75-121%
2037-26-5	Toluene-D8	93%		87-119%
460-00-4	4-Bromofluorobenzene	78%		80-133%

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

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	T26002-4	Date Sampled:	03/10/09
Matrix:	AQ - Ground Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F014747.D	1	03/15/09	RR	n/a	n/a	VF3319
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0141	0.0020	0.00046	mg/l	
108-88-3	Toluene	0.0178	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	0.0618	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	0.0863	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		79-122%
17060-07-0	1,2-Dichloroethane-D4	118%		75-121%
2037-26-5	Toluene-D8	101%		87-119%
460-00-4	4-Bromofluorobenzene	109%		80-133%

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

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	T26002-5	Date Sampled:	03/10/09
Matrix:	AQ - Ground Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F014748.D	1	03/15/09	RR	n/a	n/a	VF3319
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.00050	0.0020	0.00046	mg/l	J
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	101%		79-122%
17060-07-0	1,2-Dichloroethane-D4	98%		75-121%
2037-26-5	Toluene-D8	105%		87-119%
460-00-4	4-Bromofluorobenzene	107%		80-133%

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

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	T26002-6	Date Sampled:	03/10/09
Matrix:	AQ - Ground Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F014749.D	1	03/15/09	RR	n/a	n/a	VF3319
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	103%		79-122%
17060-07-0	1,2-Dichloroethane-D4	104%		75-121%
2037-26-5	Toluene-D8	106%		87-119%
460-00-4	4-Bromofluorobenzene	109%		80-133%

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

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	T26002-7	Date Sampled:	03/10/09
Matrix:	AQ - Ground Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0048738.D	1	03/15/09	RR	n/a	n/a	VZ2435
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	114%		79-122%
17060-07-0	1,2-Dichloroethane-D4	106%		75-121%
2037-26-5	Toluene-D8	124% [a]		87-119%
460-00-4	4-Bromofluorobenzene	106%		80-133%

(a) Outside of control limits biased high. Only ND results are acceptable.

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-9		
Lab Sample ID:	T26002-8	Date Sampled:	03/10/09
Matrix:	AQ - Ground Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F014750.D	1	03/15/09	RR	n/a	n/a	VF3319
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	103%		79-122%
17060-07-0	1,2-Dichloroethane-D4	101%		75-121%
2037-26-5	Toluene-D8	105%		87-119%
460-00-4	4-Bromofluorobenzene	111%		80-133%

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

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

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	T26002-9	Date Sampled:	03/10/09
Matrix:	AQ - Ground Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0048742.D	50	03/15/09	RR	n/a	n/a	VZ2435
Run #2	Z0048755.D	50	03/16/09	RR	n/a	n/a	VZ2436

	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	4.80	0.10	0.023	mg/l	
108-88-3	Toluene	2.40	0.10	0.024	mg/l	
100-41-4	Ethylbenzene	0.289	0.10	0.023	mg/l	
1330-20-7	Xylene (total)	0.919	0.30	0.068	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%	90%	79-122%
17060-07-0	1,2-Dichloroethane-D4	114%	95%	75-121%
2037-26-5	Toluene-D8	124%	94%	87-119%
460-00-4	4-Bromofluorobenzene	103%	79% [a]	80-133%

(a) Outside of control limits biased low. 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

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T26002-10	Date Sampled:	03/10/09
Matrix:	AQ - Trip Blank Water	Date Received:	03/13/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0048753.D	1	03/16/09	RR	n/a	n/a	VZ2436
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	90%		79-122%
17060-07-0	1,2-Dichloroethane-D4	90%		75-121%
2037-26-5	Toluene-D8	97%		87-119%
460-00-4	4-Bromofluorobenzene	78% [a]		80-133%

(a) Outside of control limits biased low. 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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST Laboratories

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

Page ___ of

FED-EX Tracking # | Bottle Order Control #

Accutest Quote # | Accutest Job # T26002

Client / Reporting Information

Company Name: DCP Midstream

Project Contact: Stephen Weathers | E-Mail: SWWeathers@dcpmidstream.com

Address: 370 Seventeenth Street, Suite 2500

City: Denver | State: CO | Zip: 80202

Phone No.: 303-605-1718 | Fax No.:

Samplers's Name: M. Stewart / A. Taylor

Project Information

Project Name / No.: DCP Midstream C Line Site

Bill to: Same | Invoice Attn.:

Address:

City: | State: | Zip:

Phone No.: | Fax No.:

Client Purchase Order #:

Requested Analyses

Matrix Codes

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

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Matrix	# of bottles	Number of preserved bottles: HCl	H2SO4	HNO3	NaOH	EnCore	NaHSO4	MeOH	NONE	BTEX 8260B	LAB USE ONLY
1	MW-1	3/10/09	610	GW	3									X	
2	MW-2		620	GW	3									X	
3	MW-3		345	GW	3									X	
4	MW-4		520	GW	3									X	
5	MW-5		536	GW	3									X	
6	MW-7		340	GW	3									X	
7	MW-8		440	GW	3									X	
8	MW-9		445	GW	3									X	
9	DUP		000	GW	3									X	
10	Trip Blank		LAB	WTB	LAB									X	

Turnaround Time (Business days)

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

Real time analytical data available via Lablink

Data Deliverable Information

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

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

Comments / Remarks

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1			1	2		2
3			3	4		4
5	FEDEX	3.13.09 0900	5 Van	Custody Seal #	Preserved where applicable ☐	On Ice ☐ Cooler Temp. 1.4

3.1

T26002: Chain of Custody
Page 1 of 4

CHAIN OF CUSTODY

ACCUTEST Laboratories

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

Page ___ of

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # T26002

Client / Reporting Information

Company Name	Project Name / No.
DCP Midstream	DCP Midstream C Line Site
Project Contact / E-Mail	**Bill to** / Invoice Attn.
Stephen Weathers SWWeathers@dcpmidstream.com	Same
Address	**Address**
370 Seventeenth Street, Suite 2500	
City / State / Zip	**City** / State / Zip
Denver CO 80202	
Phone No. / Fax No.	**Phone No.** / Fax No.
303-605-1718	
Samplers's Name M. Stewart / A. Taylor AEC	**Client Purchase Order #**

Requested Analyses

Matrix Codes

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

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Matrix	# of bottles	Number of preserved bottles: HCl	NaOH	HNO3	H2SO4	EnCore	NaHSO4	MEOH	NONE	BTEX 8260B	LAB USE ONLY
7	MW-8 MS/MSD	3/10/09	440	GW	3									X	

Turnaround Time (Business days)

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

Real time analytical data available via Lablink

Data Deliverable Information

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

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

Comments / Remarks

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1			1	2		2
3	Relinquished by:	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
5	Relinquished by: FEDEX	Date Time: 3.13.09 0900	Received By: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☐ Cooler Temp. 1.6

3.1 C 3

T26002: Chain of Custody
Page 2 of 4

SAMPLE INSPECTION FORM

Accutest Job Number: T26002 Client: DCP Midstream Date/Time Received: 3.13.09 0900

# of Coolers Received: 1 Thermometer #: 110 Temperature Adjustment Factor: -.3

Cooler Temps: #1: 1.6 #2: _____ #3: _____ #4: _____ #5: _____ #6: _____ #7: _____ #8: _____

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

Airbill Numbers: 868932716132

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

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

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

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

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

Summary of Discrepancies:

TECHNICIAN SIGNATURE/DATE: [signature] 3.13.09

INFORMATION AND SAMPLE LABELING VERIFIED BY: [signature] 3-13-09

CORRECTIVE ACTIONS

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

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

Client Instructions:

I:\mwalker\forms\samplemanagement

3.1 (C3)

T26002: Chain of Custody
Page 3 of 4

3.1

3

SAMPLE RECEIPT LOG

JOB #: T26002 DATE/TIME RECEIVED: 3-13-09 900

CLIENT: DCP Midstream INITIALS: 17

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
1	1	MW-1	3.10.09 610	GW	40ml	1-3	VR	1 ② 3 4 5 6 7 8	<2 >12
↓	2	MW-2	↓ 620	↓	↓	↓	↓	1 ② 3 4 5 6 7 8	<2 >12
	3	MW-3	345					1 ② 3 4 5 6 7 8	<2 >12
	4	MW-4	520					1 ② 3 4 5 6 7 8	<2 >12
	5	MW-5	530					1 ② 3 4 5 6 7 8	<2 >12
	6	MW-7	340			↓		1 ② 3 4 5 6 7 8	<2 >12
	7	MW-8	440			1-6		1 ② 3 4 5 6 7 8	<2 >12
	8	MW-9	↓ 445			1-3		1 ② 3 4 5 6 7 8	<2 >12
	9	DUP	3.10.09	↓		↓		1 ② 3 4 5 6 7 8	<2 >12
↓	10	Trip Blank	—	DI	↓	1-2	↓	1 ② 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
		17 3.13.09						1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

4

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: T26002
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3319-MB	F014731.D	1	03/15/09	RR	n/a	n/a	VF3319

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

T26002-2, T26002-4, T26002-5, T26002-6, T26002-8

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	110%	79-122%
17060-07-0	1,2-Dichloroethane-D4	114%	75-121%
2037-26-5	Toluene-D8	111%	87-119%
460-00-4	4-Bromofluorobenzene	114%	80-133%

Method Blank Summary

Job Number: T26002
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2435-MB	Z0048723.D	1	03/15/09	RR	n/a	n/a	VZ2435

4.1 4

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

T26002-1, T26002-7, T26002-9

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	112%	79-122%
17060-07-0	1,2-Dichloroethane-D4	106%	75-121%
2037-26-5	Toluene-D8	120%* [a]	87-119%
460-00-4	4-Bromofluorobenzene	104%	80-133%

(a) Outside control limits biased high. Only ND results are acceptable.

Method Blank Summary

Job Number: T26002
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2436-MB	Z0048752.D	1	03/16/09	RR	n/a	n/a	VZ2436

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

T26002-3, T26002-9, T26002-10

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	94%	79-122%
17060-07-0	1,2-Dichloroethane-D4	87%	75-121%
2037-26-5	Toluene-D8	96%	87-119%
460-00-4	4-Bromofluorobenzene	84%	80-133%

Blank Spike Summary

Job Number: T26002
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3319-BS	F014729.D	1	03/15/09	RR	n/a	n/a	VF3319

4.2

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

T26002-2, T26002-4, T26002-5, T26002-6, T26002-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.3	97	76-118
100-41-4	Ethylbenzene	25	24.2	97	75-112
108-88-3	Toluene	25	23.7	95	77-114
1330-20-7	Xylene (total)	75	72.9	97	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	79-122%
17060-07-0	1,2-Dichloroethane-D4	106%	75-121%
2037-26-5	Toluene-D8	108%	87-119%
460-00-4	4-Bromofluorobenzene	108%	80-133%

Blank Spike Summary

Job Number: T26002
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2435-BS	Z0048721.D	1	03/15/09	RR	n/a	n/a	VZ2435

4.2

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

T26002-1, T26002-7, T26002-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.3	101	76-118
100-41-4	Ethylbenzene	25	24.4	98	75-112
108-88-3	Toluene	25	23.9	96	77-114
1330-20-7	Xylene (total)	75	69.6	93	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	116%	79-122%
17060-07-0	1,2-Dichloroethane-D4	106%	75-121%
2037-26-5	Toluene-D8	115%	87-119%
460-00-4	4-Bromofluorobenzene	101%	80-133%

Blank Spike Summary

Job Number: T26002
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2436-BS	Z0048749.D	1	03/16/09	RR	n/a	n/a	VZ2436

4.2
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The QC reported here applies to the following samples: Method: SW846 8260B

T26002-3, T26002-9, T26002-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.4	102	76-118
100-41-4	Ethylbenzene	25	24.4	98	75-112
108-88-3	Toluene	25	24.6	98	77-114
1330-20-7	Xylene (total)	75	68.4	91	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	116%	79-122%
17060-07-0	1,2-Dichloroethane-D4	112%	75-121%
2037-26-5	Toluene-D8	122%*	87-119%
460-00-4	4-Bromofluorobenzene	96%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T26002
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T26000-2MS	F014735.D	1	03/15/09	RR	n/a	n/a	VF3319
T26000-2MSD	F014736.D	1	03/15/09	RR	n/a	n/a	VF3319
T26000-2	F014734.D	1	03/15/09	RR	n/a	n/a	VF3319

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

T26002-2, T26002-4, T26002-5, T26002-6, T26002-8

CAS No.	Compound	T26000-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	24.9	100	23.9	96	4	76-118/16
100-41-4	Ethylbenzene	ND		25	24.5	98	23.4	94	5	75-112/12
108-88-3	Toluene	ND		25	23.8	95	22.9	92	4	77-114/12
1330-20-7	Xylene (total)	ND		75	73.5	98	70.2	94	5	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T26000-2	Limits
1868-53-7	Dibromofluoromethane	105%	111%	107%	79-122%
17060-07-0	1,2-Dichloroethane-D4	111%	120%	111%	75-121%
2037-26-5	Toluene-D8	104%	109%	106%	87-119%
460-00-4	4-Bromofluorobenzene	102%	105%	110%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T26002
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T26002-7MS	Z0048739.D	1	03/15/09	RR	n/a	n/a	VZ2435
T26002-7MSD	Z0048740.D	1	03/15/09	RR	n/a	n/a	VZ2435
T26002-7	Z0048738.D	1	03/15/09	RR	n/a	n/a	VZ2435

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

T26002-1, T26002-7, T26002-9

CAS No.	Compound	T26002-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	26.0	104	25.9	104	0	76-118/16
100-41-4	Ethylbenzene	ND		25	25.2	101	24.6	98	2	75-112/12
108-88-3	Toluene	ND		25	24.5	98	24.5	98	0	77-114/12
1330-20-7	Xylene (total)	ND		75	69.7	93	69.6	93	0	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T26002-7	Limits
1868-53-7	Dibromofluoromethane	115%	116%	114%	79-122%
17060-07-0	1,2-Dichloroethane-D4	115%	118%	106%	75-121%
2037-26-5	Toluene-D8	119%	117%	124%* [a]	87-119%
460-00-4	4-Bromofluorobenzene	102%	99%	106%	80-133%

(a) Outside of control limits biased high. Only ND results are acceptable.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T26002
Account: DUKE DCP Midstream, LLC
Project: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T26011-3MS	Z0048763.D	1	03/16/09	RR	n/a	n/a	VZ2436
T26011-3MSD	Z0048764.D	1	03/16/09	RR	n/a	n/a	VZ2436
T26011-3	Z0048762.D	1	03/16/09	RR	n/a	n/a	VZ2436

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

T26002-3, T26002-9, T26002-10

CAS No.	Compound	T26011-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	25.7	103	25.5	102	1	76-118/16
100-41-4	Ethylbenzene	ND		25	24.4	98	22.9	92	6	75-112/12
108-88-3	Toluene	ND		25	24.0	96	21.9	88	9	77-114/12
1330-20-7	Xylene (total)	ND		75	66.8	89	64.3	86	4	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T26011-3	Limits
1868-53-7	Dibromofluoromethane	92%	92%	90%	79-122%
17060-07-0	1,2-Dichloroethane-D4	94%	92%	87%	75-121%
2037-26-5	Toluene-D8	95%	91%	93%	87-119%
460-00-4	4-Bromofluorobenzene	69%* [a]	70%* [a]	74%*	80-133%

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