1RP-401

2nd Semi Annual GW Mon. Report

DATE:
2009

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

November 11, 2009

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

RE: 2nd 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 2nd 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

November 6, 2009

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

Re: Second 2009 Semiannual Groundwater Monitoring Report
DCP C-Line 50602 Release Location in Lea County New Mexico **(1RP-401-0)**
Unit O, Section 31, Township 19 South, Range 37 East

Dear Mr. Weathers:

This report documents the second semiannual 2009 groundwater monitoring activities completed at the C-Line 50602 release location for DCP Midstream, LP (DCP). The monitoring activities were completed on September 23, 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 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. None of the wells contained FPH. 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 chemical information that is relevant 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 or until the water in the well bailed down. 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.

A field duplicate was collected from MW-2. A sample was collected from MW-8 for matrix spike, matrix spike duplicate analysis. The quality control QC evaluations completed for this event include:

- 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 primary and duplicate samples from MW-2 were both below all of the method reporting 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 groundwater monitoring data.

RESULTS AND INTERPRETATIONS

The fluid measurements are summarized in Table 2. The calculated groundwater elevations for all monitoring episodes are summarized in Table 3. Figure 3 includes hydrographs for all site wells. The water table elevations decreased in all of the wells.

Figure 4 shows the 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.

The 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 benzene standard was exceeded in MW-1 and MW-3. The standards for toluene and xylenes were exceeded in MW-3.

Figure 5 depicts the spatial benzene distribution. Benzene was reported at 0.66 mg/l in MW-1, 5.68 mg/l in MW-3 and 0.0022 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 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. 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 March 2009 and September 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 increased from the March 2009 concentration but it also remains in the lower part of the measured concentration range..

The benzene concentration in MW-4 of 0.0022 mg/l was below the WQCC Groundwater Standards. 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 the 0.002 mg/l method reporting 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 monthly for FPH. The vacuum extraction system will be operated as necessary to ensure that no FPH is present in the wells.

The next monitoring event is scheduled for the first half of 2010. 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 – September 2009 Gauging Data

Well	Depth to Water	Groundwater Elevation
MW-1	89.64	3,451.57
MW-2	89.04	3,451.87
MW-3	90.24	3,451.17
MW-4	90.23	3,451.17
MW-5	90.36	3,451.09
MW-6	95.86	3,448.12
MW-7	91.87	3,450.55
MW-8	90.19	3,450.10
MW-9	89.60	3,450.02

Table 3 – 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	Sep-09
MW-1	3451.88	3451.86	3451.82	3451.83	3451.64	3451.62	3451.74	3452.17	3449.64	3451.57	3,451.57
MW-2	3452.13	3452.12	3452.06	3452.07	3452.04	3452.13	3451.91	3451.87	3451.80	3451.87	3,451.87
MW-3	3451.45	3451.43	3451.40	3451.40	3451.21	3451.36	3451.30	3451.14	3451.12	3451.17	3,451.17
MW-4	3451.40	3451.34	3451.33	3451.36	3450.99	3451.07	3451.34	3450.98	3451.02	3451.17	3,451.17
MW-5	3451.16	3451.16	3451.22	3451.27	3450.87	3451.05	3451.32	3450.87	3450.85	3451.09	3,451.09
MW-6	3448.28	3448.27	3448.30	3448.36	3447.97	3448.15	3448.40	3448.04	3447.96	3448.12	3,448.12
MW-7	3450.81	3450.83	3450.78	3450.80	3450.52	3450.72	3450.77	3450.51	3450.53	3450.55	3,450.55
MW-8	3450.14	3450.21	3450.28	3450.35	3449.86	3450.08	3450.32	3449.91	3449.81	3450.10	3,450.10
MW-9	3449.92	3450.02	3450.15	3450.19	3449.79	3449.95	3450.26	3449.80	3449.62	3450.02	3,450.02

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 4 – Second Semiannual 2009 Results

Well	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standards	0.01	0.75	0.75	0.62
MW-1	**0.658**	0.0197 J	0.112	0.103
MW-2	<0.002	<0.002	<0.002	<0.006
MW-2 (duplicate)	<0.002	<0.002	<0.002	<0.006
MW-3	**5.68**	**4.32**	0.549	**1.36**
MW-4	0.0022	<0.002	0.0243	0.0186
MW-5	<0.002	<0.002	<0.002	<0.006
MW-6	<0.002	<0.002	<0.002	<0.006
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

Date	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
09/23/09	0.658	<0.002	5.68	0.0022	<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 6 - Summary of Historical Analytical Results for Toluene

Date	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
09/23/09	0.0197 J	<0.002	4.32	<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 7 – Summary of Historical Analytical Results for Ethylbenzene

Date	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
09/23/09	0.112	<0.002	0.549	0.0243	<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

Date	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
09/23/09	0.103	<0.006	1.36	0.0186	<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

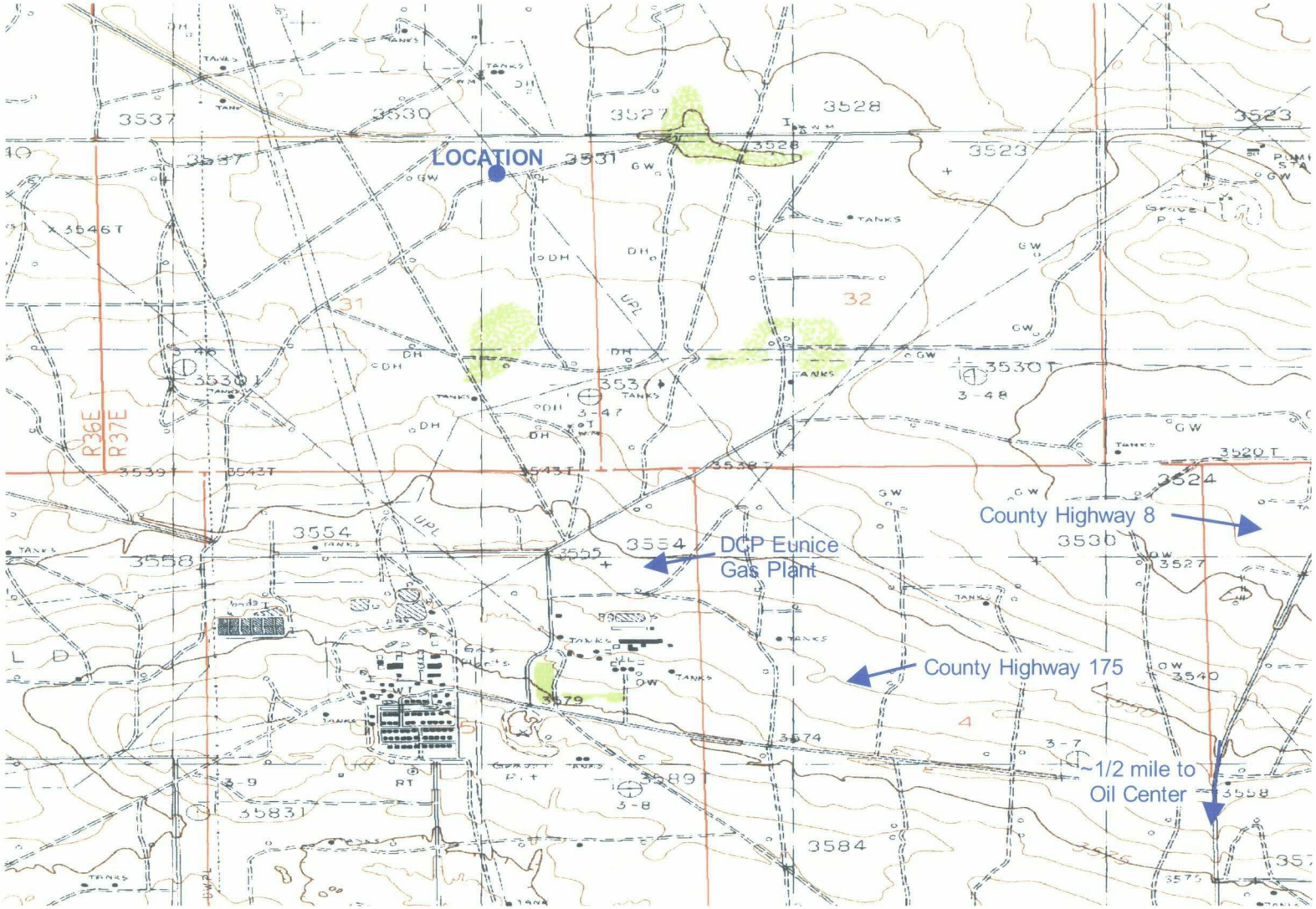


Figure 1 – Site Location and Topography

C-Line Groundwater Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: 5/05

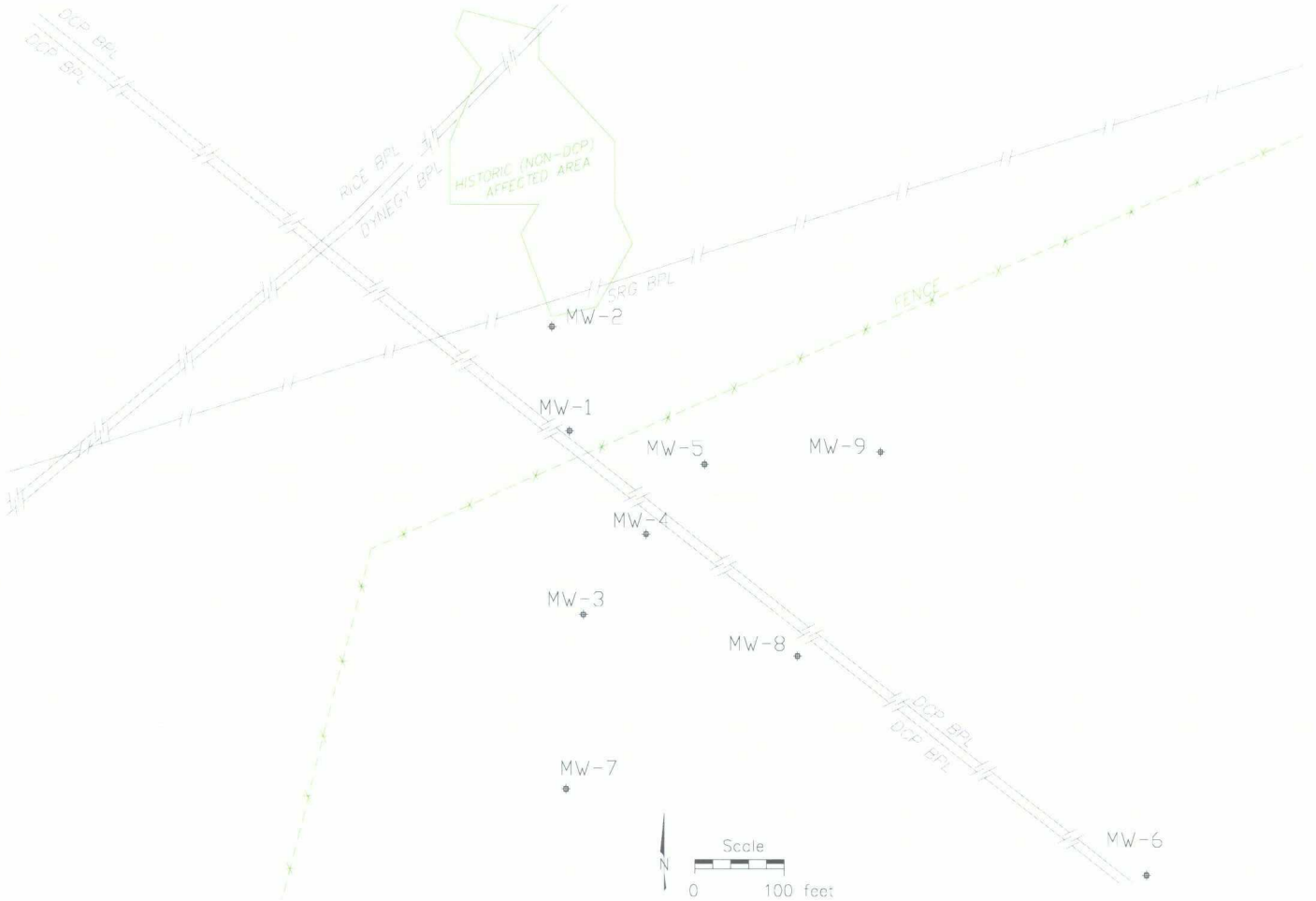


Figure 2 – Monitoring Well and Pipeline Locations

C-Line Groundwater Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE:10/07

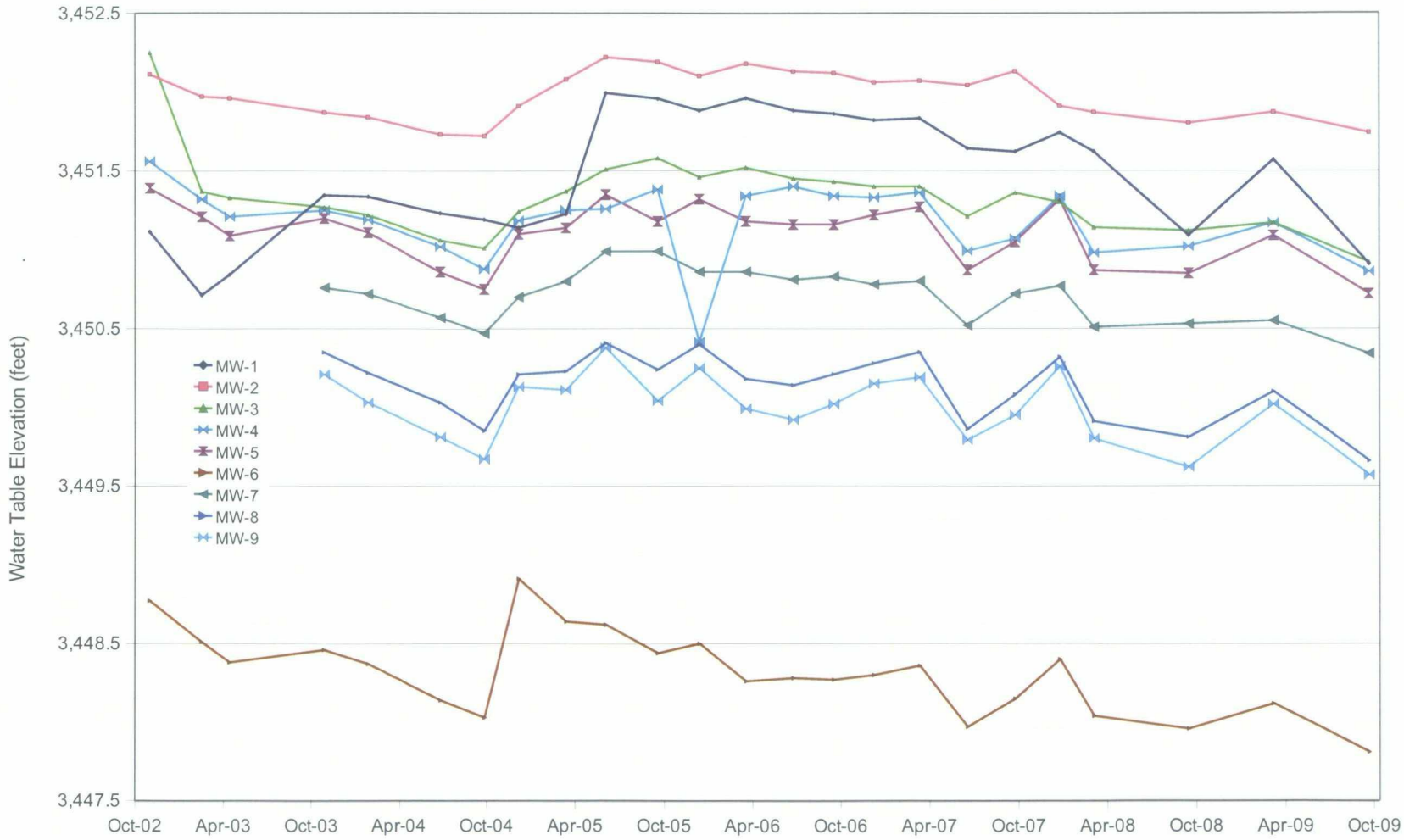


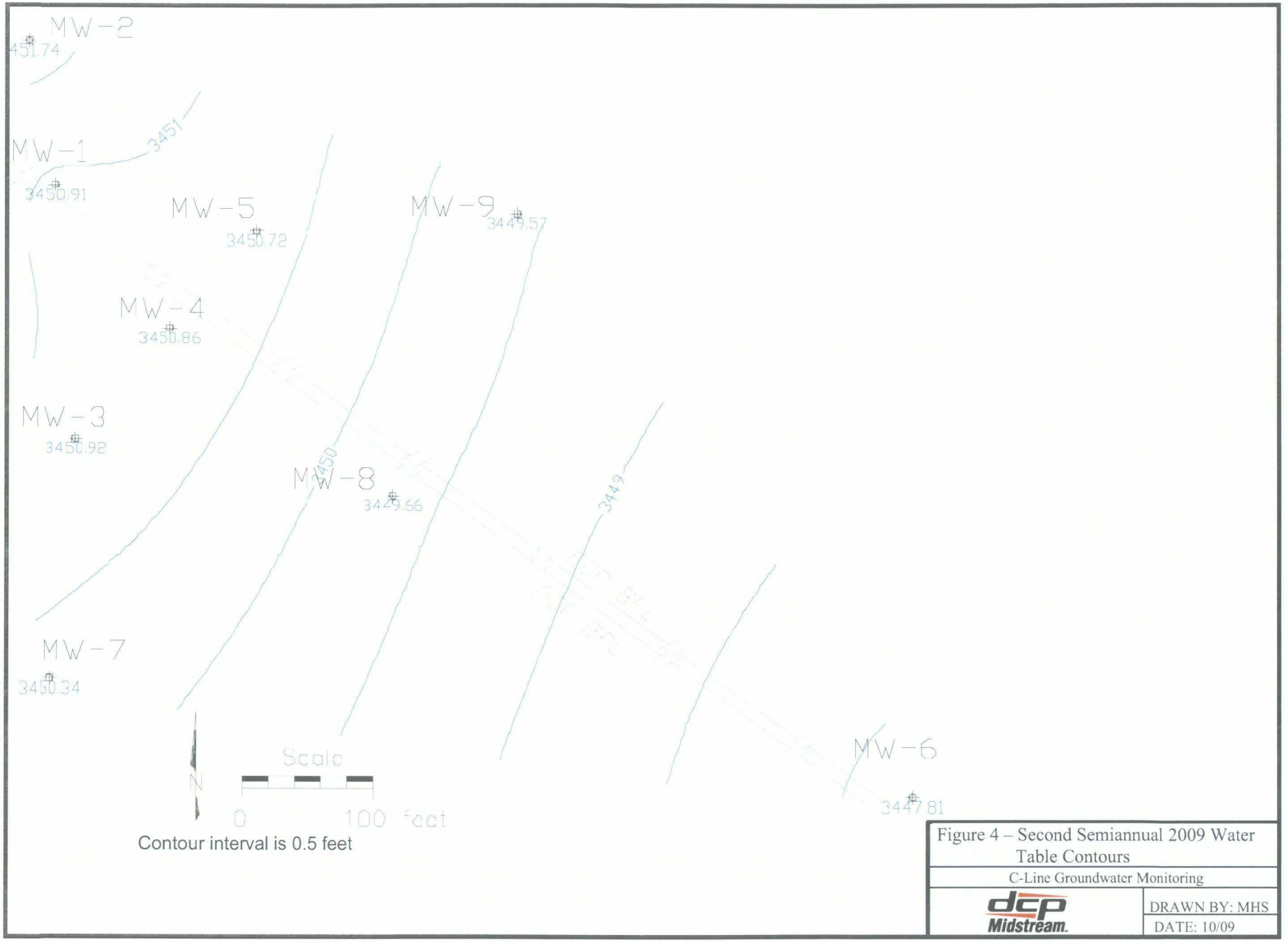
Figure 3 – Monitoring Well Hydrographs

C-Line Groundwater Monitoring

dcp Midstream

DRAWN BY: MHS

DATE: 10/09



Contour interval is 0.5 feet

Figure 4 – Second Semiannual 2009 Water Table Contours

C-Line Groundwater Monitoring

dcp Midstream

DRAWN BY: MHS

DATE: 10/09

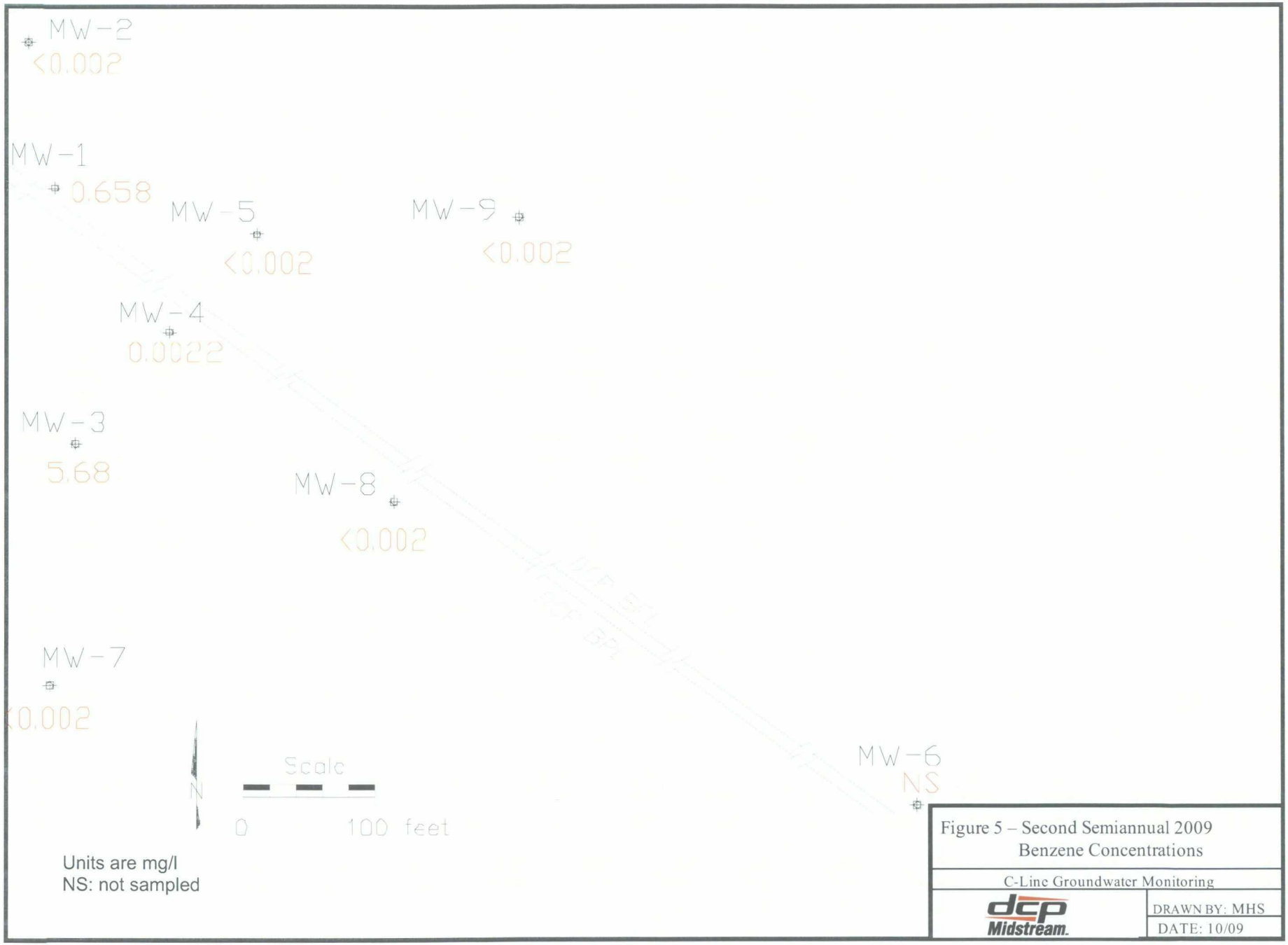


Figure 5 – Second Semiannual 2009
Benzene Concentrations

C-Line Groundwater Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: 10/09

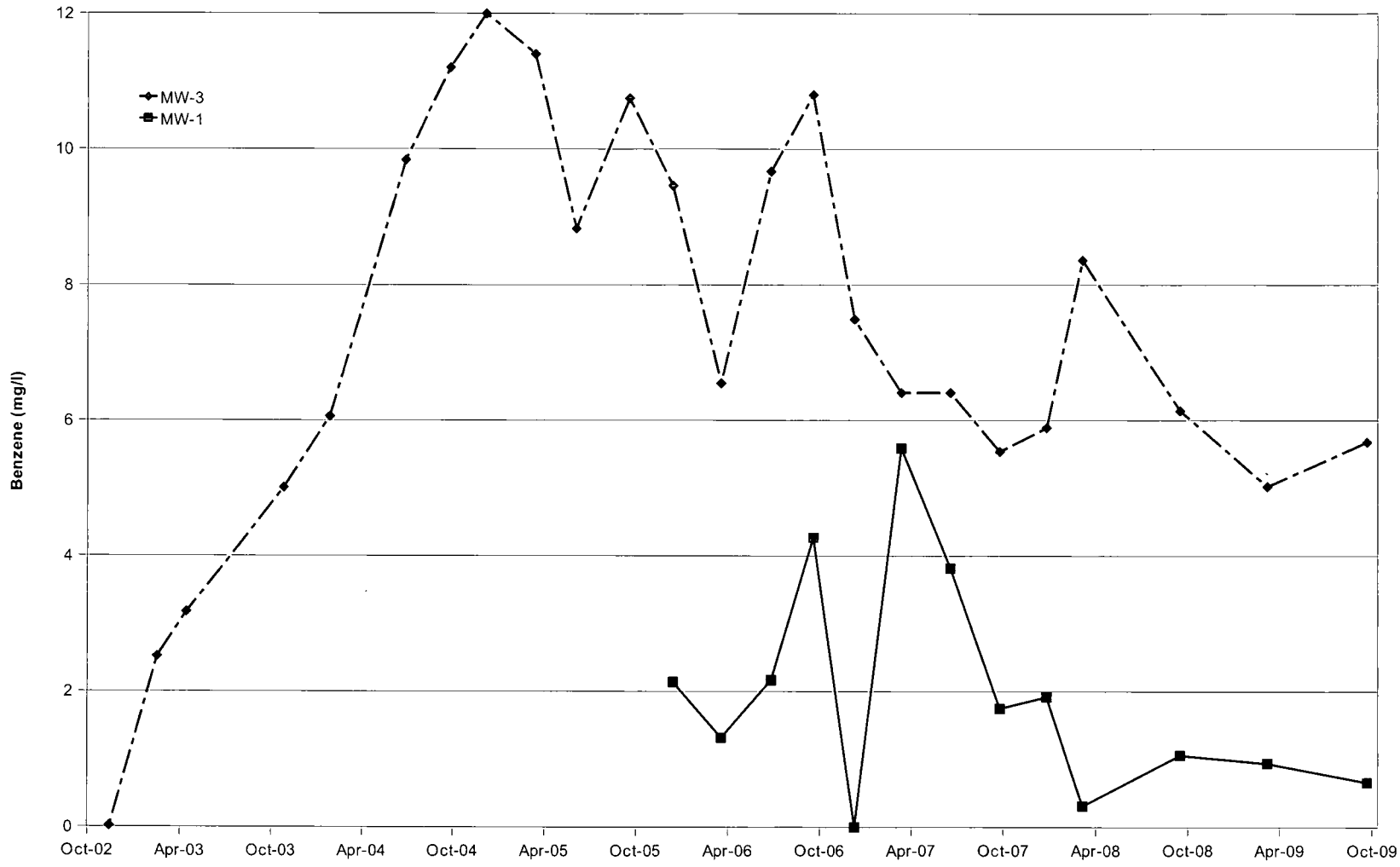


Figure 6 – Benzene Concentrations in MW-1 and MW-3

C-Line Groundwater Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: 10/09

WELL SAMPLING DATA
AND
ANALYTICAL LABORATORY REPORT

WELL SAMPLING DATA
AND
ANALYTICAL LABORATORY REPORT

WELL SAMPLIEG DATA FORM

CLIENTD **DCP Midstream** WELL IDD **MW-1**

SITE NAMED C Line DATED 9/23/2009

PROJECT NO. SAMPLERD M Stewart/A Taylor

PURGING METHODD ☒ ınd Bailed ☐ ımp If Pump, TypeD

SAMPLING METHODD ☒ sposable Bailer ☐ rect from Discharge Hose ☐ herD

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELLD

☒ loves ☐ conox ☐ stilled Water Rinse ☐ herD

TOTAL DEPTH OF WELLD 101.50 Feet

DEPTH TO WATERD 90.30 Feet

HEIGHT OF WATER COLUMND 11.20 Feet

WELL DIAMETERD 4.0 Inch

21.9 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
	14.0	21.1	2.24	7.5		-	Bailed down sampled at 1110
	14.0	DTotal Vol (gal)					

SAMPLE NO.D MW-1

ANALYSESD BTEX (8260)

COMMENTSD

WELL SAMPLING DATA FORM

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

SITE NAME: C Line DATE: 9/23/2009

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

PURGING METHOD: [x] ınd Bailed [ ] ımp If Pump, Type: _____

SAMPLING METHOD: [x] sposable Bailer [ ] rect from Discharge Hose [ ] her: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

[x] loves [ ] conox [ ] stilled Water Rinse [ ] her: _____

TOTAL DEPTH OF WELL: 100.94 Feet

DEPTH TO WATER: 89.17 Feet

HEIGHT OF WATER COLUMN: 11.77 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
	2.5	21.4	2.25	7.15			
	5.0	20.8	2.25	7.17			
	7.5	20.7	2.25	7.15			Sampled at 1105
	7.5	:Total Vol (gal)					

SAMPLE NO.: MW-2

ANALYSES: BTEX (8260)

COMMENTS: Collected Duplicate Sample

WELL SAMPLING DATA FORM

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

SITE NAME: C Line DATE: 9/23/2009

PROJECT NO. SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☒ ınd Bailed ☐ ımp If Pump, Type:

SAMPLING METHOD: ☒ sposable Bailer ☐ rect from Discharge Hose ☐ her:

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ loves ☐ conox ☐ stilled Water Rinse ☐ her:

TOTAL DEPTH OF WELL: 102.44 Feet
DEPTH TO WATER: 90.49 Feet
HEIGHT OF WATER COLUMN: 11.95 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
	2.5	19.3	2.06	7.07			
	5.0	20	2.05	7.32			
	7.5	19.9	2.05	7.33			Sampled at 0830
	7.5	: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: 9/23/2009

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

PURGING METHOD: [x] ind Bailed [ ] imp If Pump, Type: _____

SAMPLING METHOD: [x] sposable Bailer [ ] rect from Discharge Hose [ ] her: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

[x] loves [ ] conox [ ] stilled Water Rinse [ ] her: _____

TOTAL DEPTH OF WELL: 103.42 Feet

DEPTH TO WATER: 90.54 Feet

HEIGHT OF WATER COLUMN: 12.88 Feet

WELL DIAMETER: 2.0 Inch

6.3 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
	2.6	20.8	2.33	7.44			
	5.2	19.8	2.37	7.58			
	7.8	19.9	2.38	7.56			Sampled at 1005
	7.8	: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: 9/23/2009

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

PURGING METHOD: [X] ınd Bailed [ ] ımp If Pump, Type: _____

SAMPLING METHOD: [X] sposable Bailer [ ] rect from Discharge Hose [ ] her: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

[X] loves [ ] conox [ ] stilled Water Rinse [ ] her: _____

TOTAL DEPTH OF WELL: 102.05 Feet

DEPTH TO WATER: 90.73 Feet

HEIGHT OF WATER COLUMN: 11.32 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. mS/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	2.5	20.1	2.74	7.27			
	5.0	19.7	2.69	7.33			
	7.5	19.6	2.65	7.26			Sampled at 1010
	7.5	: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: 9/23/2009

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

PURGING METHOD: [X] ınd Bailed [ ] ımp If Pump, Type: _____

SAMPLING METHOD: [X] sposable Bailer [ ] rect from Discharge Hose [ ] her: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

[X] loves [ ] conox [ ] stilled Water Rinse [ ] her: _____

TOTAL DEPTH OF WELL: 103.20 Feet

DEPTH TO WATER: 96.17 Feet

HEIGHT OF WATER COLUMN: 7.03 Feet

WELL DIAMETER: 2.0 Inch

3.4 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
	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: 9/23/2009

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

PURGING METHOD: [x] ındBailed [ ] ımp If Pump, Type: _____

SAMPLING METHOD: [x] sposable Bailer [ ] rect from Discharge Hose [ ] her: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

[x] loves [ ] conox [ ] stilled Water Rinse [ ] her: _____

TOTAL DEPTH OF WELL: 100.40 Feet

DEPTH TO WATER: 92.08 Feet

HEIGHT OF WATER COLUMN: 8.32 Feet

WELL DIAMETER: 2.0 Inch

4.1 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
	2.0	19.7	1.97	7.38			
	4.0	19.9	1.96	7.36			
	6.0	19.9	1.96	7.42			Sampled at 0835
	6.0	: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: 9/23/2009

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

PURGING METHOD: [x] ınd Bailed [ ] ımp If Pump, Type: _____

SAMPLING METHOD: [x] sposable Bailer [ ] rect from Discharge Hose [ ] her: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

[x] loves [ ] conox [ ] stilled Water Rinse [ ] her: _____

TOTAL DEPTH OF WELL: 100.50 Feet

DEPTH TO WATER: 90.63 Feet

HEIGHT OF WATER COLUMN: 9.87 Feet

WELL DIAMETER: 2.0 Inch

4.8 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
	2.0	19.8	2.34	7.42			
	4	19.5	2.33	7.41			
	6	19.6	2.33	7.43			Sampled at 0920
	6.0	: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: 9/23/2009

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☒ ınd Bailed ☐ ımp If Pump, Type: _____

SAMPLING METHOD: ☒ sposable Bailer ☐ rect from Discharge Hose ☐ her: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ loves ☐ conox ☐ stilled Water Rinse ☐ her: _____

TOTAL DEPTH OF WELL: 100.50 Feet

DEPTH TO WATER: 90.05 Feet

HEIGHT OF WATER COLUMN: 10.45 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
	2.2	19.4	2.5	7.33			
	4.4	19.6	2.50	7.34			
	6.6	19.7	2.52	7.34			Sampled at 0925
	6.6	:Total Vol (gal)					

SAMPLE NO.: MW-9

ANALYSES: BTEX (8260)

COMMENTS: _____

Gulf Coast ACCUTEST Laboratories

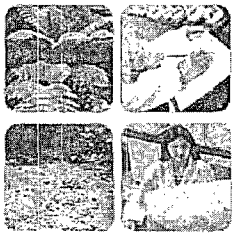
IT'S ALL IN THE CHEMISTRY

10/27/09

Technical Report for

DCP Midstream, LLC

AECCOLI: DCP Midstream C Line Site



Accutest Job Number: T38365

Sampling Date: 09/23/09

Report to:

American Environmental Consulting

mstewart@aecdenver.com

ATTN: Mike Stewart

Total number of pages in report: 26

ACCREDITED IN ACCORDANCE WITH nelac

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

Paul K Canevaro

Paul Canevaro
Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Georgia Jones 713-271-4700

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

Sections: 1 2 3 4

Table of Contents

-1-

Sample Summary

DCP Midstream, LLC

Job No: T38365

AECCOLI: DCP Midstream C Line Site

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
T38365-1	09/23/09	11:10	09/25/09	AQ	Ground Water	MW-1
T38365-2	09/23/09	11:05	09/25/09	AQ	Ground Water	MW-2
T38365-3	09/23/09	08:30	09/25/09	AQ	Ground Water	MW-3
T38365-4	09/23/09	10:05	09/25/09	AQ	Ground Water	MW-4
T38365-5	09/23/09	10:10	09/25/09	AQ	Ground Water	MW-5
T38365-6	09/23/09	08:35	09/25/09	AQ	Ground Water	MW-7
T38365-7	09/23/09	09:20	09/25/09	AQ	Ground Water	MW-8
T38365-7D	09/23/09	09:20	09/25/09	AQ	Water Dup/MSD	MW-8 MSD
T38365-7S	09/23/09	09:20	09/25/09	AQ	Water Matrix Spike	MW-8 MS
T38365-8	09/23/09	09:25	09/25/09	AQ	Ground Water	MW-9
T38365-9	09/23/09	00:00	09/25/09	AQ	Ground Water	DUP
T38365-10	09/23/09	00:00	09/25/09	AQ	Trip Blank Water	TRIP BLANK

Sample Results

Report of Analysis

Accutest LabLink@39511 07:51 27-Oct-2009

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	T38365-1	Date Sampled:	09/23/09
Matrix:	AQ - Ground Water	Date Received:	09/25/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0035806.D	10	09/28/09	JL	n/a	n/a	VY2318
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	0.658	0.020	0.0050	mg/l	
108-88-3	Toluene	0.0197	0.020	0.0043	mg/l	J
100-41-4	Ethylbenzene	0.112	0.020	0.0055	mg/l	
1330-20-7	Xylene (total)	0.103	0.060	0.017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		79-122%
17060-07-0	1,2-Dichloroethane-D4	102%		75-121%
2037-26-5	Toluene-D8	95%		87-119%
460-00-4	4-Bromofluorobenzene	101%		80-133%

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

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	T38365-2	Date Sampled:	09/23/09
Matrix:	AQ - Ground Water	Date Received:	09/25/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0035829.D	1	09/28/09	JL	n/a	n/a	VY2319
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		79-122%
17060-07-0	1,2-Dichloroethane-D4	101%		75-121%
2037-26-5	Toluene-D8	88%		87-119%
460-00-4	4-Bromofluorobenzene	99%		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-3		
Lab Sample ID:	T38365-3	Date Sampled:	09/23/09
Matrix:	AQ - Ground Water	Date Received:	09/25/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0035807.D	50	09/28/09	JL	n/a	n/a	VY2318
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	5.68	0.10	0.025	mg/l	
108-88-3	Toluene	4.32	0.10	0.022	mg/l	
100-41-4	Ethylbenzene	0.549	0.10	0.027	mg/l	
1330-20-7	Xylene (total)	1.36	0.30	0.084	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	103%		75-121%
2037-26-5	Toluene-D8	95%		87-119%
460-00-4	4-Bromofluorobenzene	100%		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:	T38365-4	Date Sampled:	09/23/09
Matrix:	AQ - Ground Water	Date Received:	09/25/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0035834.D	1	09/28/09	JL	n/a	n/a	VY2319
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	0.0022	0.0020	0.00050	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
100-41-4	Ethylbenzene	0.0243	0.0020	0.00055	mg/l	
1330-20-7	Xylene (total)	0.0186	0.0060	0.0017	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		79-122%
17060-07-0	1,2-Dichloroethane-D4	106%		75-121%
2037-26-5	Toluene-D8	90%		87-119%
460-00-4	4-Bromofluorobenzene	93%		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:	T38365-5	Date Sampled:	09/23/09
Matrix:	AQ - Ground Water	Date Received:	09/25/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0035830.D	1	09/28/09	JL	n/a	n/a	VY2319
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		79-122%
17060-07-0	1,2-Dichloroethane-D4	99%		75-121%
2037-26-5	Toluene-D8	93%		87-119%
460-00-4	4-Bromofluorobenzene	101%		80-133%

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

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	T38365-6	Date Sampled:	09/23/09
Matrix:	AQ - Ground Water	Date Received:	09/25/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0035831.D	1	09/28/09	JL	n/a	n/a	VY2319
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		79-122%
17060-07-0	1,2-Dichloroethane-D4	99%		75-121%
2037-26-5	Toluene-D8	94%		87-119%
460-00-4	4-Bromofluorobenzene	101%		80-133%

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

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	T38365-7	Date Sampled:	09/23/09
Matrix:	AQ - Ground Water	Date Received:	09/25/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0035802.D	1	09/28/09	JL	n/a	n/a	VY2318
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		79-122%
17060-07-0	1,2-Dichloroethane-D4	91%		75-121%
2037-26-5	Toluene-D8	97%		87-119%
460-00-4	4-Bromofluorobenzene	98%		80-133%

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

2.8

Report of Analysis

Client Sample ID:	MW-9		
Lab Sample ID:	T38365-8	Date Sampled:	09/23/09
Matrix:	AQ - Ground Water	Date Received:	09/25/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0035832.D	1	09/28/09	JL	n/a	n/a	VY2319
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		79-122%
17060-07-0	1,2-Dichloroethane-D4	102%		75-121%
2037-26-5	Toluene-D8	104%		87-119%
460-00-4	4-Bromofluorobenzene	116%		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:	T38365-9	Date Sampled:	09/23/09
Matrix:	AQ - Ground Water	Date Received:	09/25/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0035833.D	1	09/28/09	JL	n/a	n/a	VY2319
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		79-122%
17060-07-0	1,2-Dichloroethane-D4	100%		75-121%
2037-26-5	Toluene-D8	96%		87-119%
460-00-4	4-Bromofluorobenzene	100%		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@39511 07:51 27-Oct-2009

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T38365-10	Date Sampled:	09/23/09
Matrix:	AQ - Trip Blank Water	Date Received:	09/25/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOLI: DCP Midstream C Line Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0035819.D	1	09/28/09	JL	n/a	n/a	VY2319
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		79-122%
17060-07-0	1,2-Dichloroethane-D4	98%		75-121%
2037-26-5	Toluene-D8	88%		87-119%
460-00-4	4-Bromofluorobenzene	98%		80-133%

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST

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 # T38365

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:

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	MeOH	DI Water	H2SO4	NaOH	Zn Acetate	HNO3	None	BTEX 8260B	LAB USE ONLY
1	MW-1	9/23/2009	1110	GW	3	3								X	
2	MW-2	9/23/2009	1105	GW	3	3								X	
3	MW-3	9/23/2009	830	GW	3	3								X	
4	MW-4	9/23/2009	1005	GW	3	3								X	
5	MW-5	9/23/2009	1010	GW	3	3								X	
6	MW-7	9/23/2009	835	GW	3	3								X	
7	MW-8	9/23/2009	920	GW	3	3								X	
8	MW-9	9/23/2009	925	GW	3	3								X	
9	DUP	9/23/2009	—	GW	3	3								X	
10	Trip Blank	Lab	—	GW	3	3								X	

Turnaround Time (Business days)

- [X] 10 Day *STANDARD* — Approved By:/ Date:
- [ ] 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		9/24/09	1	2 Fed Ex	9/25/09 0945	2
3	Relinquished by:	Date Time: 600 PM	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
5	Relinquished by:	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☒ Cooler Temp. 2.0

3.1 (26)

T38365: Chain of Custody
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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 # T38365

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:

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	BTEX 8260B	LAB USE ONLY
7	MW-8 MS/MSD8	9/23/09	930	GW	6 6		X	

Turnaround Time (Business days)

- [X] 10 Day *STANDARD*
- [ ] 7 Day
- [ ] 4 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*
- [ ] Other

Approved By / Date:

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	9/24/09	1	2 Fed Ex	9/25/09 0945	2
Relinquished by:	Date Time: 600 pm	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Preserved where applicable	On Ice / Cooler Temp.
5		5		☐	N 2.0

3.1

T38365: Chain of Custody
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SAMPLE INSPECTION FORM

Accutest Job Number: T38365 Client: DCP Midstream Date/Time Received: 09/15/?? 0945

# of Coolers Received: 1 Thermometer #: IR-1 Temperature Adjustment Factor: +0.4

Cooler Temps: #1: 2.0 #2: #3: #4: #5: #6: #7: #8:

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

Airbill Numbers:

COOLER INFORMATION

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

CHAIN OF CUSTODY

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

SAMPLE INFORMATION

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

TRIP BLANK INFORMATION

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

Number of Encores?

Number of 5035 kits?

Number of lab-filtered metals?

Summary of Discrepancies:

TECHNICIAN SIGNATURE/DATE: [signature]

INFORMATION AND SAMPLE LABELING VERIFIED BY:

CORRECTIVE ACTIONS

Client Representative Notified: **Date:**

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

Client Instructions:

3.1

3

T38365: Chain of Custody

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SAMPLE RECEIPT LOG

JOB #: T38365 DATE/TIME RECEIVED: 09/25/09 0945

CLIENT: DCP Midstream INITIALS: FF

COOLER#	SAMPLE ID	FIELD ID	DATE		MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
1	1	MW-1	9/23/09	1110	W	40ml	1-3	VR	1 [✓ 2] 3 4 5 6 7 8	<2 >12
	2	-2		1105					1 [✓ 2] 3 4 5 6 7 8	<2 >12
	3	-3		830					1 [✓ 2] 3 4 5 6 7 8	<2 >12
	4	-4		1005					1 [✓ 2] 3 4 5 6 7 8	<2 >12
	5	-5		1010					1 [✓ 2] 3 4 5 6 7 8	<2 >12
	6	-7		835					1 [✓ 2] 3 4 5 6 7 8	<2 >12
	7	-8 + MS/MSD		920			1-9		1 [✓ 2] 3 4 5 6 7 8	<2 >12
	8	-9		925			1-3		1 [✓ 2] 3 4 5 6 7 8	<2 >12
	9	DUP		—			″		1 [✓ 2] 3 4 5 6 7 8	<2 >12
	10	Trip Blank	—				1-2		1 [✓ 2] 3 4 5 6 7 8	<2 >12
									1 2 3 4 5 6 7 8	<2 >12
									1 2 3 4 5 6 7 8	<2 >12
									1 2 3 4 5 6 7 8	<2 >12
									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

FF 9/25/09

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

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

T38365: Chain of Custody

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GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: T38365
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2318-MB	Y0035790.D	1	09/27/09	JL	n/a	n/a	VY2318

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

T38365-1, T38365-3, T38365-7

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	102%	79-122%
17060-07-0	1,2-Dichloroethane-D4	91%	75-121%
2037-26-5	Toluene-D8	96%	87-119%
460-00-4	4-Bromofluorobenzene	100%	80-133%

Method Blank Summary

Job Number: T38365
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2319-MB	Y0035818.D	1	09/28/09	JL	n/a	n/a	VY2319

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

T38365-2, T38365-4, T38365-5, T38365-6, T38365-8, T38365-9, T38365-10

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	79-122%
17060-07-0	1,2-Dichloroethane-D4	99%	75-121%
2037-26-5	Toluene-D8	90%	87-119%
460-00-4	4-Bromofluorobenzene	97%	80-133%

Blank Spike Summary

Job Number: T38365
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2318-BS	Y0035788.D	1	09/27/09	JL	n/a	n/a	VY2318

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

T38365-1, T38365-3, T38365-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	22.9	92	76-118
100-41-4	Ethylbenzene	25	21.7	87	75-112
108-88-3	Toluene	25	22.2	89	77-114
1330-20-7	Xylene (total)	75	68.4	91	75-111

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

Blank Spike Summary

Job Number: T38365
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2319-BS	Y0035816.D	1	09/28/09	JL	n/a	n/a	VY2319

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

T38365-2, T38365-4, T38365-5, T38365-6, T38365-8, T38365-9, T38365-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	19.8	79	76-118
100-41-4	Ethylbenzene	25	20.3	81	75-112
108-88-3	Toluene	25	21.0	84	77-114
1330-20-7	Xylene (total)	75	65.9	88	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	79-122%
17060-07-0	1,2-Dichloroethane-D4	98%	75-121%
2037-26-5	Toluene-D8	89%	87-119%
460-00-4	4-Bromofluorobenzene	93%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T38365
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T38365-7MS	Y0035803.D	1	09/28/09	JL	n/a	n/a	VY2318
T38365-7MSD	Y0035804.D	1	09/28/09	JL	n/a	n/a	VY2318
T38365-7	Y0035802.D	1	09/28/09	JL	n/a	n/a	VY2318

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

T38365-1, T38365-3, T38365-7

CAS No.	Compound	T38365-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	24.4	98	23.4	94	4	76-118/16
100-41-4	Ethylbenzene	ND		25	22.6	90	22.0	88	3	75-112/12
108-88-3	Toluene	ND		25	23.3	93	23.0	92	1	77-114/12
1330-20-7	Xylene (total)	ND		75	71.0	95	69.0	92	3	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T38365-7	Limits
1868-53-7	Dibromofluoromethane	108%	107%	105%	79-122%
17060-07-0	1,2-Dichloroethane-D4	101%	102%	91%	75-121%
2037-26-5	Toluene-D8	96%	96%	97%	87-119%
460-00-4	4-Bromofluorobenzene	95%	97%	98%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T38365
Account: DUKE DCP Midstream, LLC
Project: AECCOLI: DCP Midstream C Line Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T38118-2MS	Y0035827.D	1	09/28/09	JL	n/a	n/a	VY2319
T38118-2MSD	Y0035828.D	1	09/28/09	JL	n/a	n/a	VY2319
T38118-2	Y0035826.D	1	09/28/09	JL	n/a	n/a	VY2319

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

T38365-2, T38365-4, T38365-5, T38365-6, T38365-8, T38365-9, T38365-10

CAS No.	Compound	T38118-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	2.0 U		25	20.9	84	20.4	82	2	76-118/16
100-41-4	Ethylbenzene	2.0 U		25	21.0	84	20.5	82	2	75-112/12
108-88-3	Toluene	2.0 U		25	22.5	90	21.7	87	4	77-114/12
1330-20-7	Xylene (total)	6.0 U		75	67.1	89	65.2	87	3	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T38118-2	Limits
1868-53-7	Dibromofluoromethane	99%	101%	96%	79-122%
17060-07-0	1,2-Dichloroethane-D4	97%	99%	101%	75-121%
2037-26-5	Toluene-D8	93%	92%	89%	87-119%
460-00-4	4-Bromofluorobenzene	94%	94%	99%	80-133%