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

June 23, 2011

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

RE: 1st 2011 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 2011 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

June 20, 2011

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

Re: First 2011 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 2011 groundwater monitoring event completed at the C-Line 50602 release location for DCP Midstream, LP (DCP). The monitoring activities were completed on April 26, 2011. 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 32.5250 degrees 3 north, 103.2867 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 was 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. FPH was never measured in the remaining seven wells.

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 location.

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 disposed 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) using method SW-846 8260B. The anlytical laboratory report is attached.

Matrix spike, matrix spike duplicate samples were collected from MW-9. A duplicate sample was collected from MW-4. The quality control QC evaluations completed for this event include:

- All of the samples were analyzed within the required holding times;
- All of the individual surrogate spikes were within their control limits;
- The method blank and blank spike evaluations were all acceptable;
- The matrix spike and matrix spike duplicate results were all within their respective control ranges and exhibited good agreement: and
- The relative percentage difference (RPD) values for the MW-3 primary and duplicate samples were all between 35 and 46 percent; however, the laboratory QC data described above verified data suitability.

The information above indicates that the data is appropriate 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 increased by varying degrees in all of the wells. The increase was greater in the down-gradient wells to the south.

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 BTEX results for this sampling event are summarized in Table 4. The constituents that exceed the New Mexico Water Quality Control Commission (NMWQCC) groundwater standard are highlighted as bold text. Examination of this table indicates that the BTEX constituents were detected in MW-1, MW-3, the primary and duplicate samples from MW-4 and MW-5.

Figure 5 depicts the spatial benzene distribution. Well MW-3 does not appear to be directly down-gradient from the remediated release area when evaluated relative to the groundwater flow path shown in Figure 4. Wells MW-4 and MW-5 are down gradient.

Summaries of all of the data collected are tabulated in Table 5 for benzene, Table 6 for toluene, Table 7 for ethylbenzene and Table 8 for xylenes. The benzene concentrations are plotted verses time in Figure 6 for MW-1, MW-3 and MW-4.

The trends in Figure 6 can be described as follows:

- Groundwater sampling began in MW-1 in December 2005 after removal of the FPH was completed. The benzene concentration in MW-1 has decreased almost continuously since the middle of 2007. The April 2011 concentration is similar to that measured in September 2010 after a long period of almost continual decline. The concentration remains at its lowest value since monitoring began.

- Sampling in MW-3 began in November 2002 at the start of the project. The concentrations were relatively unchanged thorough the latter part of 2006 when they begin to decrease. The decline rate has increased substantially over the past three monitoring events to a point where the current concentration is two orders of magnitude lower than the initial concentrations.

- Well MW-4 contained FPH until March 2006 and one additional time in March 2007. The dissolved-phase benzene decreased from 1.8 mg/l in June 2007 to around 0.01 mg/l in the 9-month period to March 2008. It has fluctuated around that value since then.

The benzene concentrations in MW-5 have remained below the 0.001-0.002 method reporting limits over the duration of the project so it was not plotted on Figure 6. The measured values have never approached the 0.01 mg/l benzene standard.

The BTEX constituents have never been detected above the method reporting limits in down-gradient boundary wells MW-7, MW-8 and MW-9.

CONCLUSIONS AND RECOMMENDATIONS

Important conclusions for the C-Line site for this sampling event include:

1. FPH has not been measured in MW-1 or MW-2 for 4 years. This fact establishes that it has been removed.

2. The historic BTEX data establishes that natural bioremediation processes are attenuating the BTEX constituents down gradient from the source area where the original affected materials were removed.

3. The dissolved-phase BTEX concentrations continue to decline in affected wells MW-1 and MW-3. These results verify dissolved-phase plume contraction.

AEC recommends continued monitoring on a semi-annual basis to verify that these trends continue. The next monitoring event is scheduled for the second half of 2011. AEC will provide appropriate notification prior to the 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 – First Half 2011 Fluid Measurements

Well	Depth To Water	Water Table Elevation
MW-1	91.25	3451.41
MW-2	89.24	3451.67
MW-3	90.41	3451.00
MW-4	90.34	3451.06
MW-5	90.40	3451.05
MW-6	95.78	3448.20
MW-7	91.95	3450.47
MW-8	90.24	3450.05
MW-9	89.51	3450.11

Units are feet

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	Jun 06	Sep 06	Dec 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	3451.88	3451.86	3451.82
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	3452.13	3452.12	3452.06
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	3451.45	3451.43	3451.40
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	3451.40	3451.34	3451.33
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	3451.16	3451.16	3451.22
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	3448.28	3448.27	3448.30
MW-7				3450.76	3450.72	3450.57	3450.47	3450.70	3450.80	3450.99	3450.99	3450.86	3450.86	3450.81	3450.83	3450.78
MW-8				3450.35	3450.22	3450.03	3449.85	3450.21	3450.23	3450.41	3450.24	3450.40	3450.18	3450.14	3450.21	3450.28
MW-9				3450.21	3450.03	3449.81	3449.67	3450.13	3450.11	3450.38	3450.04	3450.25	3449.99	3449.92	3450.02	3450.15

Well	Mar 07	Jun 07	Sep 07	Dec 07	Mar 08	Sep 08	Mar 09	Sep 09	Mar10	Sep10	Apr11
MW-1	3451.83	3451.64	3451.62	3451.74	3452.17	3449.64	3451.57	3450.91	3451.47	3451.31	3451.41
MW-2	3452.07	3452.04	3452.13	3451.91	3451.87	3451.80	3451.87	3451.74	3451.73	3451.55	3451.67
MW-3	3451.40	3451.21	3451.36	3451.30	3451.14	3451.12	3451.17	3450.92	3451.02	3450.96	3451.00
MW-4	3451.36	3450.99	3451.07	3451.34	3450.98	3451.02	3451.17	3450.86	3451.26	3450.80	3451.06
MW-5	3451.27	3450.87	3451.05	3451.32	3450.87	3450.85	3451.09	3450.72	3450.97	3450.69	3451.05
MW-6	3448.36	3447.97	3448.15	3448.40	3448.04	3447.96	3448.12	3447.81	3447.89	3447.85	3448.20
MW-7	3450.80	3450.52	3450.72	3450.77	3450.51	3450.53	3450.55	3450.34	3450.47	3450.28	3450.47
MW-8	3450.35	3449.86	3450.08	3450.32	3449.91	3449.81	3450.10	3449.66	3449.98	3449.73	3450.05
MW-9	3450.19	3449.79	3449.95	3450.26	3449.80	3449.62	3450.02	3449.57	3449.74	3449.66	3450.11

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 – First Semiannual 2011 Results

Well	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standards	0.01	0.75	0.75	0.62
MW-1	**0.125**	0.0416	0.0315	0.171
MW-2	<0.001	<0.002	<0.002	<0.002
MW-3	**0.0798**	<0.02	0.0111 J	0.0249
MW-4	**0.0112**	0.0345	0.0045	0.12
MW-4 DUP	0.0073	0.0236	0.0028	0.084
MW-5	0.0017	0.0028	0.00043 J	0.0109
MW-7	<0.001	<0.002	<0.002	<0.002
MW-8	<0.001	<0.002	<0.002	<0.002
MW-9	<0.001	<0.002	<0.002	<0.002
TRIP BLANK	<0.001	<0.002	<0.002	<0.002

Notes:

1. All units mg/l
2. NS: Well not sampled
3. NMWQCC Standards: New Mexico Water Quality Control Commission groundwater standards

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
09/23/09	0.658	<0.002	5.68	0.0022	<0.002	NS	<0.002	<0.002	<0.002
03/22/10	0.276	<0.002	2.615	0.0129	<0.002	NS	<0.002	<0.002	<0.002
09/16/10	0.127	<0.001	0.9555	<0.001	<0.001	NS	<0.001	<0.001	<0.001
04/25/11	0.125	<0.001	0.0798	0.00925	0.0017	<0.001	<0.001	<0.001	<0.001

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
09/20/05	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	0.0178	<0.002	2.5	0.0178	<0.002	NS	<0.002	<0.002	<0.002
09/23/09	0.0197	<0.002	4.32	<0.002	<0.002	NS	<0.002	<0.002	<0.002
03/22/10	0.016	<0.002	1.475	0.0255	0.0037	NS	<0.002	<0.002	<0.002
09/16/10	0.0319	<0.002	0.1785	<0.002	<0.002	NS	<0.002	<0.002	<0.002
04/25/11	0.0416	<0.002	<0.02	0.02905	0.0028	<0.002	<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
09/23/09	0.112	<0.002	0.549	0.0243	<0.002	NS	<0.002	<0.002	<0.002
03/22/10	0.0147	<0.002	0.218	0.0107	<0.002	NS	<0.002	<0.002	<0.002
09/16/10	0.0334	<0.002	0.0916	<0.002	<0.002	NS	<0.002	<0.002	<0.002
04/25/11	0.0315	<0.002	0.0111	0.00365	0.00043	<0.002	<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
09/23/09	0.103	<0.006	1.36	0.0186	<0.006	NS	<0.006	<0.006	<0.006
03/22/10	0.0557	<0.006	0.5415	0.0574	0.0076	NS	<0.006	<0.006	<0.006
09/16/10	0.0399	<0.004	0.1197	0.0921	<0.004	NS	<0.004	<0.004	<0.004
04/25/11	0.171	<0.002	0.0249	0.102	0.0109	<0.002	<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

FIGURES

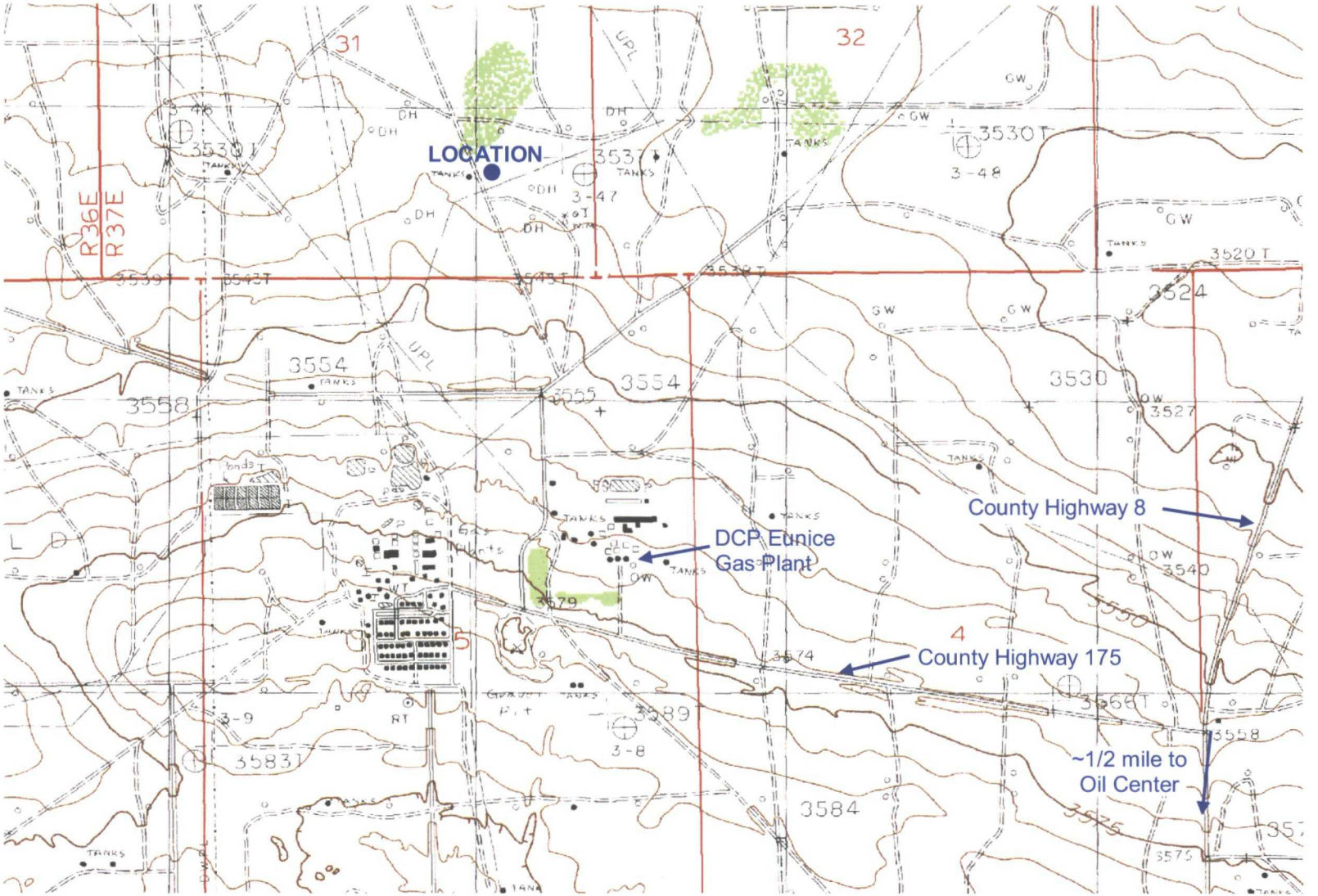


Figure 1 – Site Location and Topography

C-Line Groundwater Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: 5/05

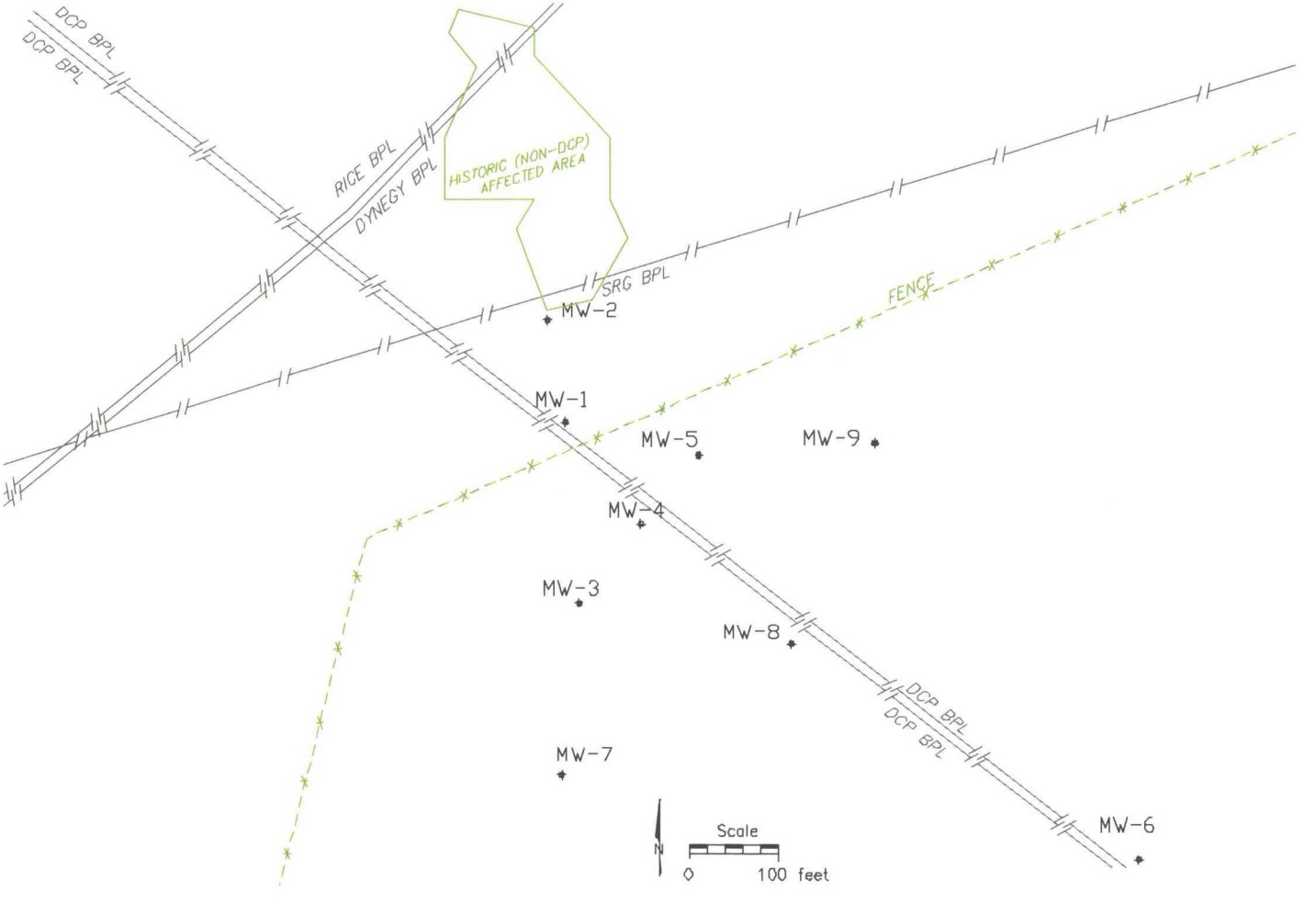


Figure 2 – Monitoring Well and Pipeline Locations

C-Line Groundwater Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE:10/07

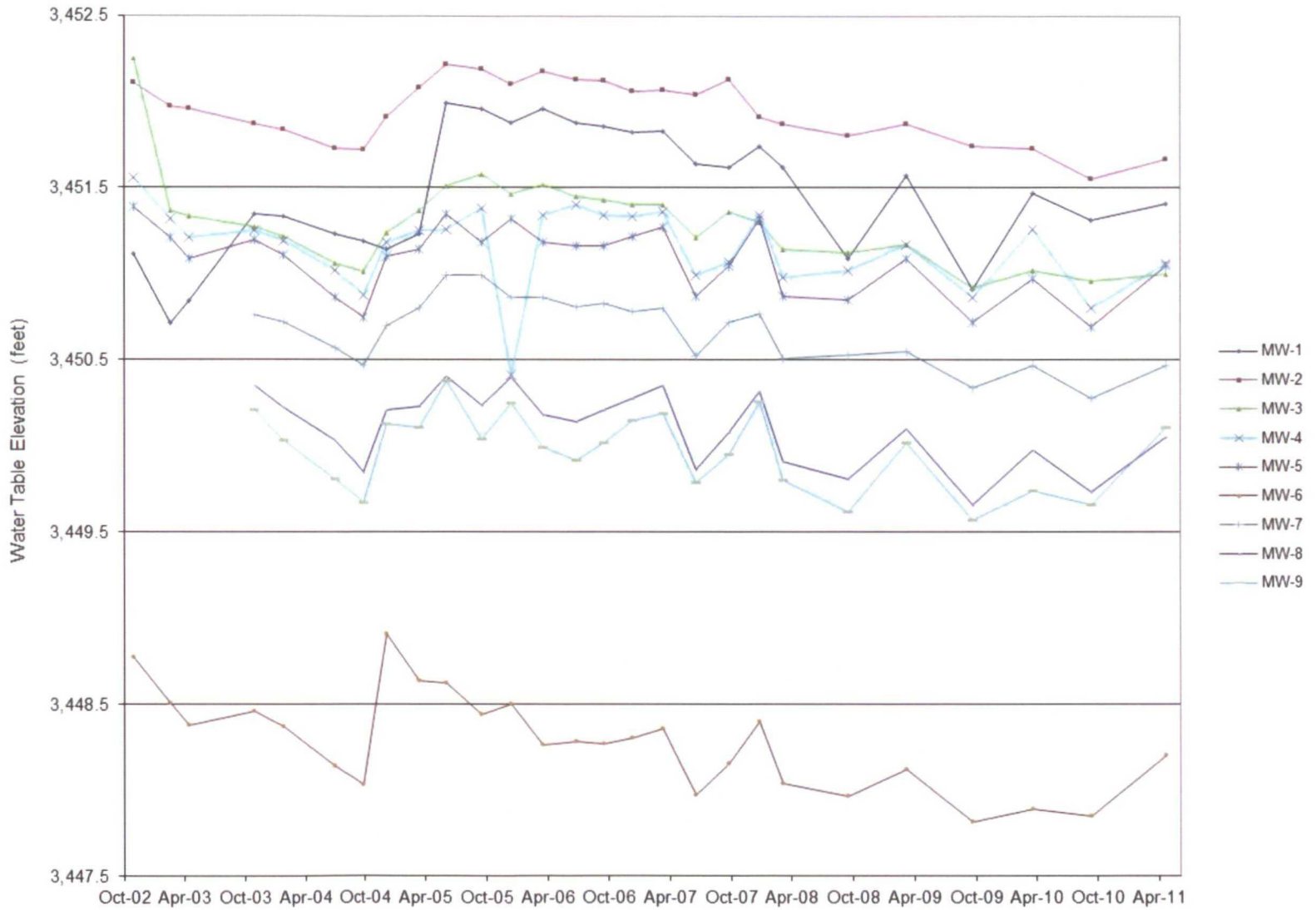


Figure 3 – Monitoring Well Hydrographs

C-Line Groundwater Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: 6/11

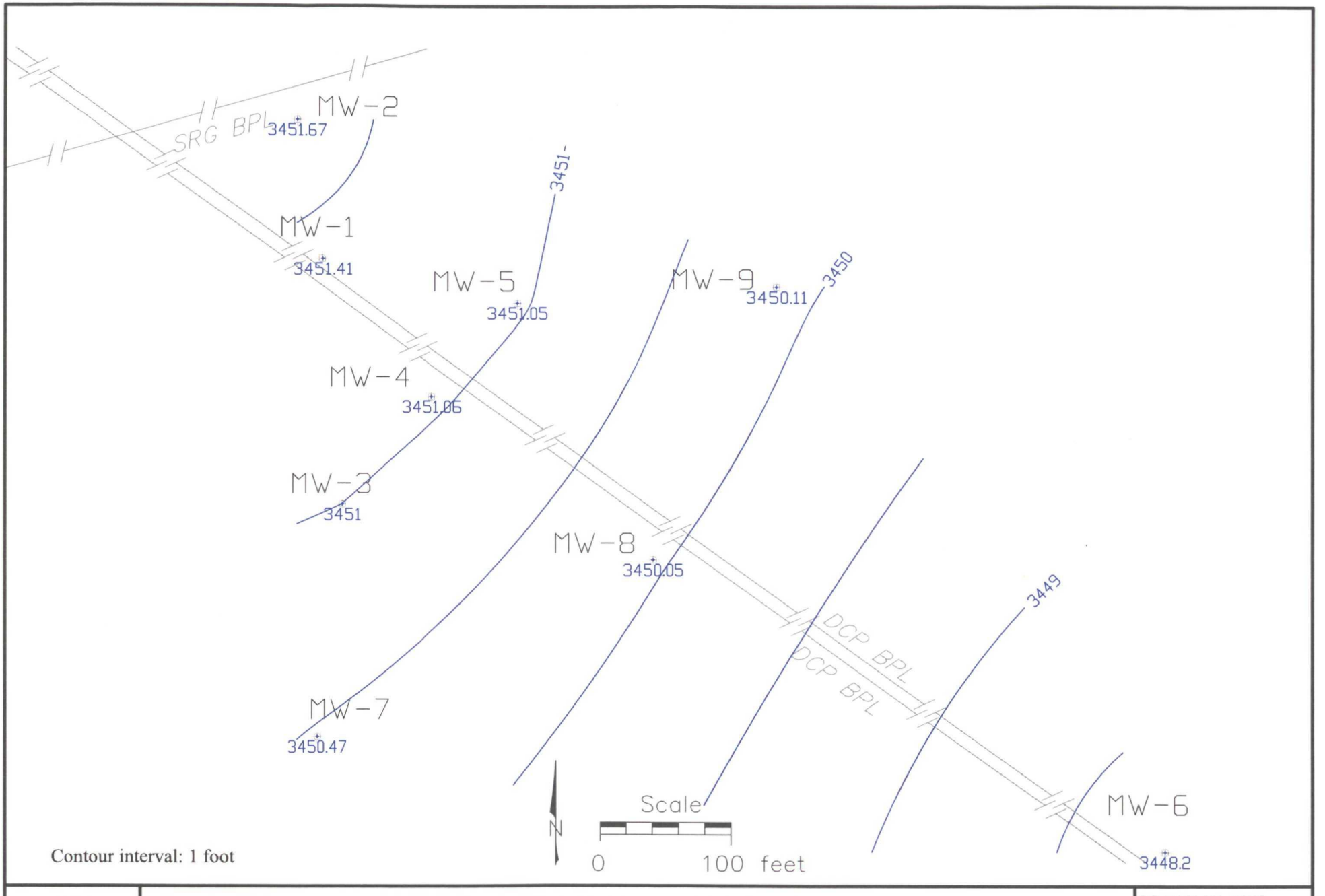


Figure 4 - April 2011 Water Table Elevations (feet)

DCP C-Line Groundwater Monitoring

DRAWN BY: MHS
REVISED:
DATE: 6/11

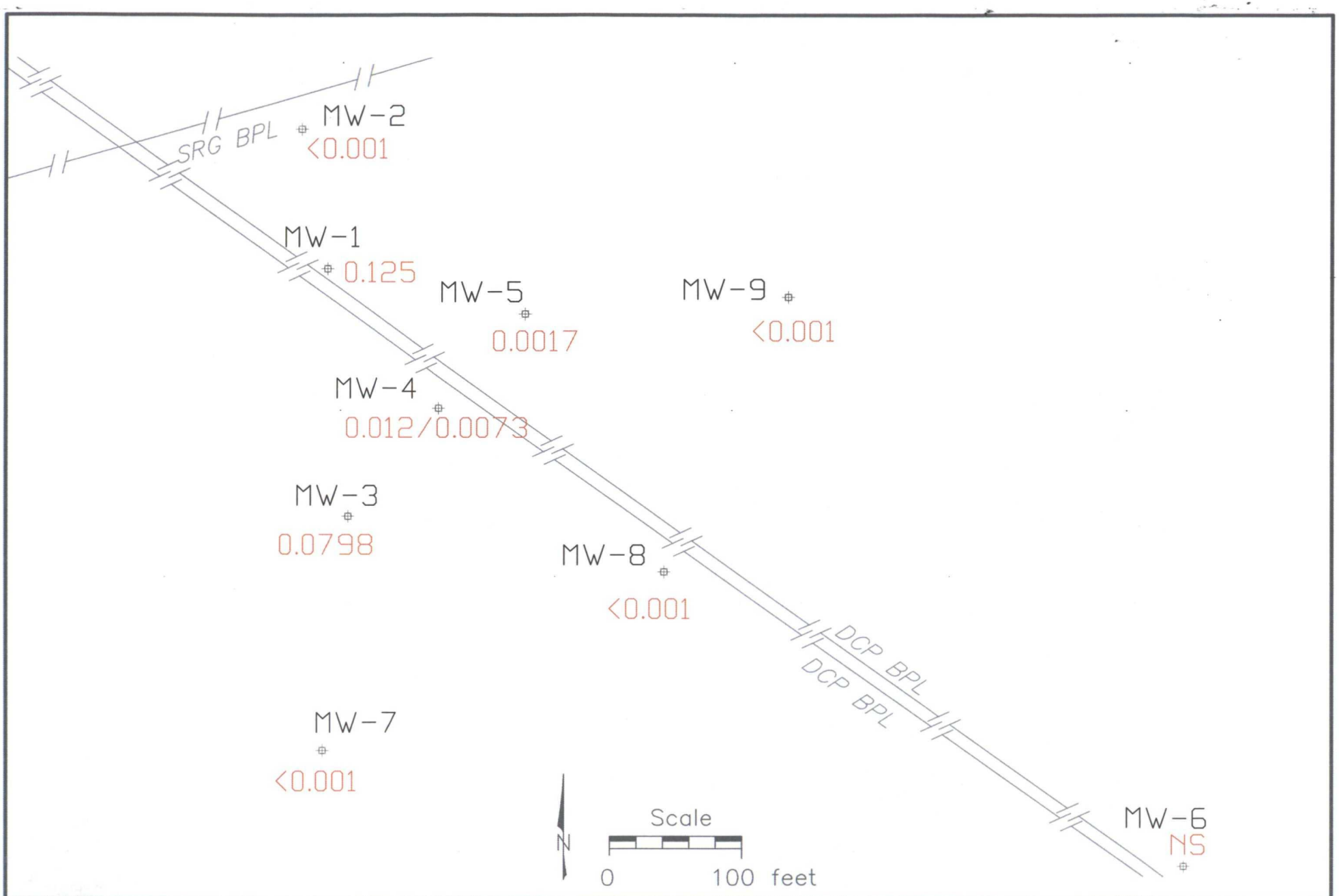


Figure 5 - First Semiannual 2011 Benzene Concentrations (mg/l)

DCP C-Line Groundwater Monitoring

DRAWN BY:	MHS
REVISED:	
DATE:	11/10

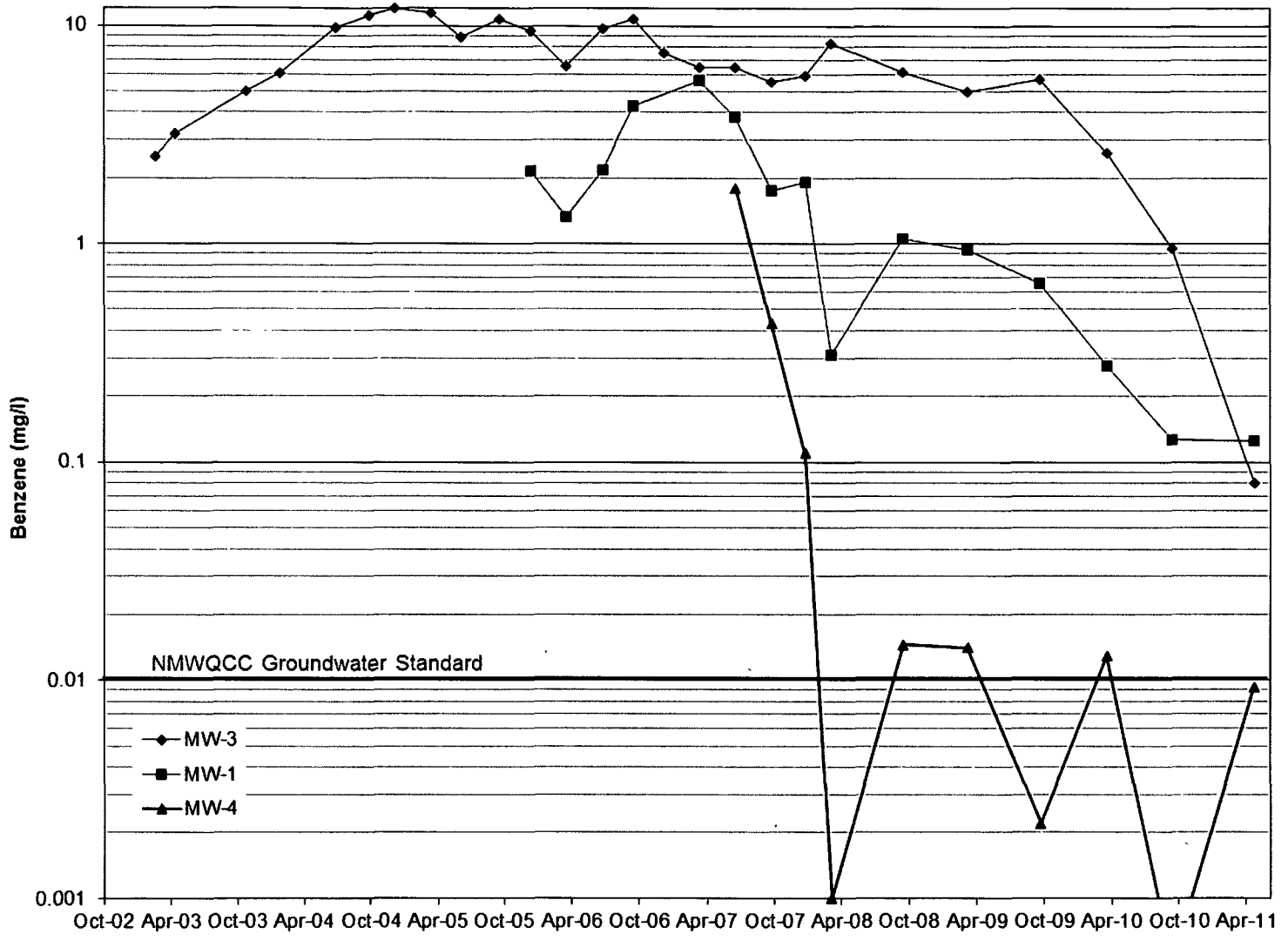


Figure 6 – Benzene Concentrations in MW-1, MW-3 and MW-4

C-Line Groundwater Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: 6/11

WELL SAMPLING DATA
AND
ANALYTICAL LABORATORY REPORT

WELL SAMPLING DATA FORM

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

SITE NAME: C Line DATE: 4/26/11

PROJECT NO. _____ SAMPLER: M Stewart/ N Quevedo

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: 91.25 Feet
HEIGHT OF WATER COLUMN: 10.25 Feet
WELL DIAMETER: 4.0 Inch

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

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	15.0						Bailed down at 15 gallons
	15.0	:Total Vol (gal)					

SAMPLE NO.: MW-1

ANALYSES:	BTEX (8260)				

COMMENTS: No field measurements

WELL SAMPLING DATA FORM

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

SITE NAME: C Line DATE: 4/26/11

PROJECT NO. _____ SAMPLER: M Stewart/ N Quevedo

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: 89.24 Feet
HEIGHT OF WATER COLUMN: 11.70 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. °F	COND. mS/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	2.0	22.5	2.48	7.31			
	4.0	22.3	2.46	7.28			
1120	6.0	21.9	2.46	7.28			
	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: 4/26/11

PROJECT NO. _____ SAMPLER: M Stewart/ N Quevedo

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: 90.41 Feet

HEIGHT OF WATER COLUMN: 12.03 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. *m*S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	2.0	21.8	2.24	7.47			
	4.0	21	2.28	7.40			
	6.0	20.7	2.28	7.38			
	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: 4/26/11

PROJECT NO. _____ SAMPLER: M Stewart/ N Quevedo

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: 90.34 Feet
HEIGHT OF WATER COLUMN: 13.08 Feet
WELL DIAMETER: 2.0 Inch

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

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	2.0	22.8	2.42	7.5			
	4	21.2	2.43	7.49			
	6	20.7	2.43	7.50			
	6.0	: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: 4/26/11

PROJECT NO. _____ SAMPLER: M Stewart/ N Quevedo

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: 90.40 Feet
HEIGHT OF WATER COLUMN: 11.65 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	21.4	2.8	7.41			
	4.0	20.5	2.78	7.39			
930	6.0	20.2	2.75	7.38			
	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: 4/26/11

PROJECT NO. _____ SAMPLER: M Stewart/ N Quevedo

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: 95.78 Feet
HEIGHT OF WATER COLUMN: 7.42 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: 4/26/11

PROJECT NO. _____ SAMPLER: M Stewart/ N Quevedo

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: 92.95 Feet

HEIGHT OF WATER COLUMN: 7.45 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
	1.3	20.6	2.01				
	2.6	20.7	2.58				
	3.9	21.0	2.10				
	3.9	:Total Vol (gal)					

SAMPLE NO.: MW-7

ANALYSES: BTEX (8260)

COMMENTS: MS / MSD sample collected

WELL SAMPLING DATA FORM

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

SITE NAME: C Line DATE: 4/26/11

PROJECT NO. SAMPLER: M Stewart/ N Quevedo

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: 90.24 Feet
HEIGHT OF WATER COLUMN: 10.26 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. mS/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	1.7	22.1	2.42	7.59			
	3.4	20.5	2.45	7.48			
1015	5.1	20.3	2.45	7.48			
	5.1	:Total Vol (gal)					

SAMPLE NO.: MW-8

ANALYSES: BTEX (8260)

COMMENTS:

WELL SAMPLING DATA FORM

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

SITE NAME: C Line DATE: 4/26/11

PROJECT NO. _____ SAMPLER: M Stewart/ N Quevedo

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: 89.51 Feet
HEIGHT OF WATER COLUMN: 10.99 Feet
WELL DIAMETER: 2.0 Inch

5.4 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
	1.8	22.1	2.87	7.47			
	3.6	20.5	2.82	7.48			
1015	5.4	20.3	2.83	7.50			
	5.4	:Total Vol (gal)					

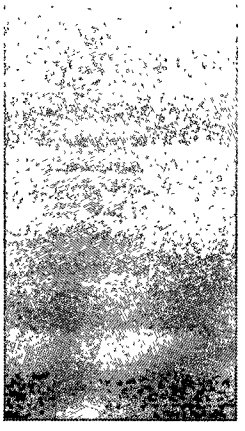
SAMPLE NO.: MW-9

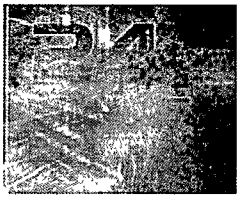
ANALYSES: BTEX (8260)

COMMENTS: _____

Mountain States ACCUTEST LABORATORIES

06/17/11





Technical Report for

DCP Midstream, LP

AECCOL: CLINE MONITORING 390262220

RC_GN00

Accutest Job Number: D23034

Sampling Dates: 04/26/11 - 04/27/11

Report to:

American Environmental Consulting, LLC

mstewart@aecdenver.com

ATTN: Michael Stewart

Total number of pages in report: **28**

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.

John Hamilton
Laboratory Director

Client Service contact: Shea Greiner 303-425-6021

Certifications: CO, ID, NE, NM, ND (R-027) (PW) UT (NELAP CO00049)

Test results relate only to samples analyzed.

Sections: 1 2 3 4 5

Table of Contents

-1-

Sample Summary

DCP Midstream, LP

Job No: D23034

AECCOL: CLINE MONITORING 390262220
Project No: RC_GN00

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
D23034-1	04/26/11	14:57	04/29/11	AQ	Ground Water	MW-1
D23034-2	04/26/11	15:00	04/29/11	AQ	Ground Water	MW-2
D23034-3	04/26/11	12:30	04/29/11	AQ	Ground Water	MW-3
D23034-4	04/26/11	13:55	04/29/11	AQ	Ground Water	MW-4
D23034-5	04/26/11	14:00	04/29/11	AQ	Ground Water	MW-5
D23034-6	04/26/11	12:25	04/29/11	AQ	Ground Water	MW-7
D23034-7	04/27/11	12:15	04/29/11	AQ	Ground Water	MW-8
D23034-8	04/27/11	13:10	04/29/11	AQ	Ground Water	MW-9
D23034-8D	04/27/11	13:10	04/29/11	AQ	Water Dup/MSD	MW-9
D23034-8M	04/27/11	13:10	04/29/11	AQ	Water Matrix Spike	MW-9
D23034-9	04/26/11	00:00	04/29/11	AQ	Ground Water	DUP
D23034-10	04/26/11	00:00	04/29/11	AQ	Trip Blank Water	TRIP BLANK

ACCUTEST Laboratories

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	DCP Midstream, LP	**Job No**	D23034
Site:	AECCOL: CLINE MONITORING 390262220	**Report Dat**	5/3/2011 3:36:45 PM

On 04/29/2011, 9 sample(s), 1 Trip Blank(s), and 0 Field Blank(s) were received at Accutest Mountain States (AMS) at a temperature of 2.2 °C. The samples were intact and properly preserved, unless noted below. An AMS Job Number of D23034 was assigned to the project. The lab sample IDs, client sample IDs, and dates of sample collection are detailed in the report's Results Summary

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix AQ **Batch ID:** V3V615

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D23035-3MS, D23035-3MSD were used as the QC samples indicated.

Matrix AQ **Batch ID:** V5V881

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria
- Sample(s) D22853-1MS, D22853-1MSD were used as the QC samples indicated.

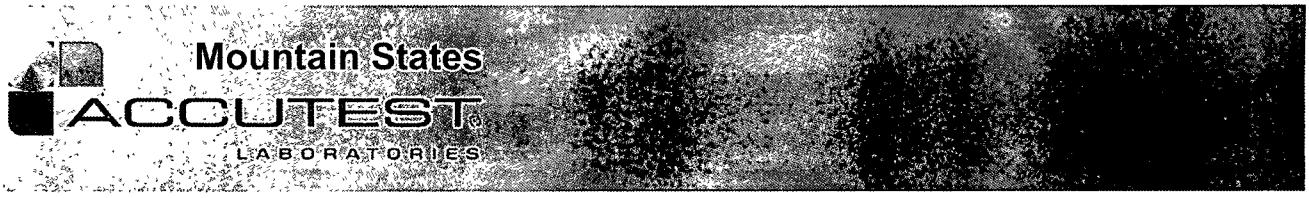
Matrix AQ **Batch ID:** V7V342

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria
- Sample(s) D23034-8MS, D23034-8MSD were used as the QC samples indicated.

AMS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting AMS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

AMS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety This report is authorized by AMS indicated via signature on the report cover.



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	D23034-1	Date Sampled:	04/26/11
Matrix:	AQ - Ground Water	Date Received:	04/29/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: CLINE MONITORING 390262220		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V06346.D	1	04/30/11	DC	n/a	n/a	V7V342
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	0.125	0.0010	0.00030	mg/l	
108-88-3	Toluene	0.0416	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0315	0.0020	0.00030	mg/l	
1330-20-7	Xylene (total)	0.171	0.0020	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	109%		63-130%
2037-26-5	Toluene-D8	111%		68-130%
460-00-4	4-Bromofluorobenzene	93%		61-130%

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:	D23034-2	Date Sampled:	04/26/11
Matrix:	AQ - Ground Water	Date Received:	04/29/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: CLINE MONITORING 390262220		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V06332.D	1	04/30/11	DC	n/a	n/a	V7V342
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	0.0010	0.00030	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00030	mg/l	
1330-20-7	Xylene (total)	ND	0.0020	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%		63-130%
2037-26-5	Toluene-D8	106%		68-130%
460-00-4	4-Bromofluorobenzene	88%		61-130%

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:	D23034-3	Date Sampled:	04/26/11
Matrix:	AQ - Ground Water	Date Received:	04/29/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: CLINE MONITORING 390262220		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V10986.D	10	04/30/11	DC	n/a	n/a	V3V615
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	0.0798	0.010	0.0030	mg/l	
108-88-3	Toluene	ND	0.020	0.010	mg/l	
100-41-4	Ethylbenzene	0.0111	0.020	0.0030	mg/l	J
1330-20-7	Xylene (total)	0.0249	0.020	0.0060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	90%		63-130%
2037-26-5	Toluene-D8	85%		68-130%
460-00-4	4-Bromofluorobenzene	83%		61-130%

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:	D23034-4	Date Sampled:	04/26/11
Matrix:	AQ - Ground Water	Date Received:	04/29/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: CLINE MONITORING 390262220		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V06333.D	1	04/30/11	DC	n/a	n/a	V7V342
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	0.0112	0.0010	0.00030	mg/l	
108-88-3	Toluene	0.0345	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0045	0.0020	0.00030	mg/l	
1330-20-7	Xylene (total)	0.120	0.0020	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	106%		63-130%
2037-26-5	Toluene-D8	107%		68-130%
460-00-4	4-Bromofluorobenzene	90%		61-130%

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:	D23034-5	Date Sampled:	04/26/11
Matrix:	AQ - Ground Water	Date Received:	04/29/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: CLINE MONITORING 390262220		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V06334.D	1	04/30/11	DC	n/a	n/a	V7V342
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	0.0017	0.0010	0.00030	mg/l	
108-88-3	Toluene	0.0028	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.00043	0.0020	0.00030	mg/l	J
1330-20-7	Xylene (total)	0.0109	0.0020	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	106%		63-130%
2037-26-5	Toluene-D8	106%		68-130%
460-00-4	4-Bromofluorobenzene	89%		61-130%

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:	D23034-6	Date Sampled:	04/26/11
Matrix:	AQ - Ground Water	Date Received:	04/29/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: CLINE MONITORING 390262220		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V06335.D	1	04/30/11	DC	n/a	n/a	V7V342
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	0.0010	0.00030	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00030	mg/l	
1330-20-7	Xylene (total)	ND	0.0020	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		63-130%
2037-26-5	Toluene-D8	106%		68-130%
460-00-4	4-Bromofluorobenzene	88%		61-130%

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:	D23034-7	Date Sampled:	04/27/11
Matrix:	AQ - Ground Water	Date Received:	04/29/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: CLINE MONITORING 390262220		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V06336.D	1	04/30/11	DC	n/a	n/a	V7V342
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	0.0010	0.00030	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00030	mg/l	
1330-20-7	Xylene (total)	ND	0.0020	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		63-130%
2037-26-5	Toluene-D8	106%		68-130%
460-00-4	4-Bromofluorobenzene	88%		61-130%

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:	D23034-8	Date Sampled:	04/27/11
Matrix:	AQ - Ground Water	Date Received:	04/29/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: CLINE MONITORING 390262220		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V06329.D	1	04/30/11	DC	n/a	n/a	V7V342
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	0.0010	0.00030	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00030	mg/l	
1330-20-7	Xylene (total)	ND	0.0020	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	103%		63-130%
2037-26-5	Toluene-D8	105%		68-130%
460-00-4	4-Bromofluorobenzene	89%		61-130%

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:	D23034-9	Date Sampled:	04/26/11
Matrix:	AQ - Ground Water	Date Received:	04/29/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: CLINE MONITORING 390262220		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V15069.D	1	04/29/11	DC	n/a	n/a	V5V881
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	0.0073	0.0010	0.00030	mg/l	
108-88-3	Toluene	0.0236	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0028	0.0020	0.00030	mg/l	
1330-20-7	Xylene (total)	0.0840	0.0020	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	120%		63-130%
2037-26-5	Toluene-D8	92%		68-130%
460-00-4	4-Bromofluorobenzene	98%		61-130%

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:	D23034-10	Date Sampled:	04/26/11
Matrix:	AQ - Trip Blank Water	Date Received:	04/29/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: CLINE MONITORING 390262220		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V15066.D	1	04/29/11	DC	n/a	n/a	V5V881
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	0.0010	0.00030	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00030	mg/l	
1330-20-7	Xylene (total)	ND	0.0020	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	112%		63-130%
2037-26-5	Toluene-D8	90%		68-130%
460-00-4	4-Bromofluorobenzene	91%		61-130%

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

Mountain States ACCUTEST LABORATORIES

4

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

PAGE ___ OF ___

ACCUTEST LABORATORIES

4036 Youngfield Street, Wheat Ridge, CO 80033
TEL. 303-425-6021 FAX. 303-425-6854
www.accutest.com

FED-EX Tracking # | Bottle Order Control #

Accutest Quote # | Accutest Job # D23034

Client / Reporting Information

Company Name: American Environmental Consulting
Street Address: 6885 S Marshall Street Suite 3
City: Littleton CO 80128
Project Contact: Michael Stewart mstewart@aecdenver.com
Phone #: 303-948-7733 Cell - 303-639-0001
Sampler(s) Name(s):

Project Information

Project Name: ~~SLINE~~ Monitoring
Street: West of Oil Center
City: State:
Project #: RC - GN00 Project - 390262220
Client Purchase Order #:
Project Manager: Stephen Weathers 303-605-1718

Billing Information (If different from Report to)

Company Name: DCP Midstream
Street Address: PO Box 4870
City: Portland OR 97208-4870
Attention: Steve Weathers SWWeathers@dcpmidstream.com

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	V8260BTX	MS/MSD for V8260BTX	LAB USE ONLY
	MW-1		4/26	1457		GW	3	3								X		01
	MW-2		4/26	1500		GW	3	3								X		02
	MW-3	4/26	1330			GW	3	3								X		03
	MW-4		4/26	1355		GW	3	3								X		04
	MW-5		4/26	1400		GW	3	3								X		05
	MW-7	4/26	1225			GW	3	3								X		06
	MW-8	4/27	~~1215~~	~~1310~~ 1315		GW	3	3								X		07
	MW-9		4/27	1310		GW	3	3								X		08 MS/MSD
	DUP	4/26				GW	3	3								X		09
	Trip Blank	—					1	1								X		10
	MW-8 MS/MSD	4/27		1315		GW	6	6									X	08MS/MSD

Turnaround Time (Business days)

- [ ] Std 15 Business Days
- [ ] Std 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day Emergency
- [ ] 2 Day Emergency
- [ ] 1 Day Emergency
- [x] STD 5 business Days per contract

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM) / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [x] COMMBN
- [ ] COMMBN+
- [ ] State Forms Required
- [ ] Send Forms to State
- [ ] Report by Fax
- [x] Report by PDF
- [ ] EDD Format

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial BN = Results/QC/Narrative (+ = chromatograms)

Comments / Special Instructions

Email results to Steve Weathers

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	9/29 845	1 4/29/11 0845	2		2
3		3	4		4
5		5	Custody Seal #	Intact / Not intact	Preserved where applicable / On Ice / Cooler Temp 2.2

4.1.4

D23034: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: D23034 **Client:** _____ **Immediate Client Services Action Required:** No

Date / Time Received: 4/29/2011 **No. Coolers:** _____ **Client Service Action Required at Login:** No

Project: _____ **Airbill #'s:** _____

Cooler Security	Y or N		Y or N
1 Custody Seals Present	☑ ☐	3 COC Present	☑ ☐
2 Custody Seals Intact	☑ ☐	4 Smpl Dates/Time OK	☑ ☐

Cooler Temperature	Y or N
1. Temp criteria achieved	☑ ☐
2. Cooler temp verification	Infared gun
3 Cooler media	Ice (bag)

Quality Control Preservation	Y or N	N/A
1 Trip Blank present / cooler	☐ ☐	
2. Trip Blank listed on COC	☐ ☐	
3. Samples preserved properly	☑ ☐	
4 VOCs headspace free.	☐ ☐	☑

Sample Integrity - Documentation	Y or N
1 Sample labels present on bottles	☑ ☐
2 Container labeling complete.	☑ ☐
3 Sample container label / COC agree	☑ ☐

Sample Integrity - Condition	Y or N
1 Sample recvd within HT	☑ ☐
2 All containers accounted for	☑ ☐
3 Condition of sample	Intact

Sample Integrity - Instructions	Y or N	N/A
1 Analysis requested is clear	☑ ☐	
2 Bottles received for unspecified tests	☐ ☑	
3 Sufficient volume rec'd for analysis	☑ ☐	
4 Compositing instructions clear	☐ ☐	☑
5 Filtering instructions clear	☐ ☐	☑

Comments

Accutest Laboratories
V (303) 425-6021

4036 Youngfield Street
F (303) 425-6854

Wheat Ridge, CO
www/accutest.com

4.1

4

D23034: Chain of Custody
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QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: D23034
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: CLINE MONITORING 390262220

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V881-MB1	5V15050.D	1	04/29/11	DC	n/a	n/a	V5V881

5.1.1

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

D23034-9, D23034-10

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	110%	63-130%
2037-26-5	Toluene-D8	94%	68-130%
460-00-4	4-Bromofluorobenzene	94%	61-130%

Method Blank Summary

Job Number: D23034
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: CLINE MONITORING 390262220

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V342-MB2	7V06327.D	1	04/30/11	DC	n/a	n/a	V7V342

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

D23034-1, D23034-2, D23034-4, D23034-5, D23034-6, D23034-7, D23034-8

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	101%	63-130%
2037-26-5	Toluene-D8	104%	68-130%
460-00-4	4-Bromofluorobenzene	89%	61-130%

Method Blank Summary

Job Number: D23034
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: CLINE MONITORING 390262220

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V615-MB1	3V10979.D	1	04/30/11	DC	n/a	n/a	V3V615

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

D23034-3

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	97%	63-130%
2037-26-5	Toluene-D8	86%	68-130%
460-00-4	4-Bromofluorobenzene	82%	61-130%

Blank Spike Summary

Job Number: D23034
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: CLINE MONITORING 390262220

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V881-BS1	5V15051.D	1	04/29/11	DC	n/a	n/a	V5V881

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

D23034-9, D23034-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	59.2	118	70-130
100-41-4	Ethylbenzene	50	58.4	117	70-130
108-88-3	Toluene	50	57.3	115	70-140
1330-20-7	Xylene (total)	100	108	108	55-134

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	111%	63-130%
2037-26-5	Toluene-D8	90%	68-130%
460-00-4	4-Bromofluorobenzene	105%	61-130%

Blank Spike Summary

Job Number: D23034
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: CLINE MONITORING 390262220

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V342-BS2	7V06328.D	1	04/30/11	DC	n/a	n/a	V7V342

5.2.2

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

D23034-1, D23034-2, D23034-4, D23034-5, D23034-6, D23034-7, D23034-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	49.5	99	70-130
100-41-4	Ethylbenzene	50	50.5	101	70-130
108-88-3	Toluene	50	48.9	98	70-140
1330-20-7	Xylene (total)	100	97.2	97	55-134

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	104%	63-130%
2037-26-5	Toluene-D8	104%	68-130%
460-00-4	4-Bromofluorobenzene	105%	61-130%

Blank Spike Summary

Job Number: D23034
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: CLINE MONITORING 390262220

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V615-BS1	3V10980.D	1	04/30/11	DC	n/a	n/a	V3V615

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

D23034-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	48.4	97	70-130
100-41-4	Ethylbenzene	50	49.1	98	70-130
108-88-3	Toluene	50	47.4	95	70-140
1330-20-7	Xylene (total)	100	88.7	89	55-134

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	96%	63-130%
2037-26-5	Toluene-D8	86%	68-130%
460-00-4	4-Bromofluorobenzene	88%	61-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D23034
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: CLINE MONITORING 390262220

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D22853-1MS	5V15053.D	1	04/29/11	DC	n/a	n/a	V5V881
D22853-1MSD	5V15054.D	1	04/29/11	DC	n/a	n/a	V5V881
D22853-1	5V15052.D	1	04/29/11	DC	n/a	n/a	V5V881

5.3.1

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

D23034-9, D23034-10

CAS No.	Compound	D22853-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	27.5		50	82.8	111	83.1	111	0	59-132/30
100-41-4	Ethylbenzene	ND		50	54.2	108	55.3	111	2	68-130/30
108-88-3	Toluene	ND		50	54.1	108	54.5	109	1	56-142/30
1330-20-7	Xylene (total)	ND		100	102	102	101	101	1	36-146/30

CAS No.	Surrogate Recoveries	MS	MSD	D22853-1	Limits
17060-07-0	1,2-Dichloroethane-D4	109%	106%	109%	63-130%
2037-26-5	Toluene-D8	90%	85%	88%	68-130%
460-00-4	4-Bromofluorobenzene	105%	103%	93%	61-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D23034
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: CLINE MONITORING 390262220

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D23034-8MS	7V06330.D	1	04/30/11	DC	n/a	n/a	V7V342
D23034-8MSD	7V06331.D	1	04/30/11	DC	n/a	n/a	V7V342
D23034-8	7V06329.D	1	04/30/11	DC	n/a	n/a	V7V342

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

D23034-1, D23034-2, D23034-4, D23034-5, D23034-6, D23034-7, D23034-8

CAS No.	Compound	D23034-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	50.5	101	54.1	108	7	59-132/30
100-41-4	Ethylbenzene	ND		50	52.8	106	55.1	110	4	68-130/30
108-88-3	Toluene	ND		50	50.2	100	52.9	106	5	56-142/30
1330-20-7	Xylene (total)	ND		100	102	102	106	106	4	36-146/30

CAS No.	Surrogate Recoveries	MS	MSD	D23034-8	Limits
17060-07-0	1,2-Dichloroethane-D4	106%	105%	103%	63-130%
2037-26-5	Toluene-D8	104%	104%	105%	68-130%
460-00-4	4-Bromofluorobenzene	106%	107%	89%	61-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D23034
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: CLINE MONITORING 390262220

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D23035-3MS	3V10982.D	1	04/30/11	DC	n/a	n/a	V3V615
D23035-3MSD	3V10983.D	1	04/30/11	DC	n/a	n/a	V3V615
D23035-3	3V10981.D	1	04/30/11	DC	n/a	n/a	V3V615

5.3.3

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

D23034-3

CAS No.	Compound	D23035-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	51.1	102	50.5	101	1	59-132/30
100-41-4	Ethylbenzene	ND		50	51.3	103	51.0	102	1	68-130/30
108-88-3	Toluene	ND		50	49.3	99	49.6	99	1	56-142/30
1330-20-7	Xylene (total)	ND		100	92.7	93	91.0	91	2	36-146/30

CAS No.	Surrogate Recoveries	MS	MSD	D23035-3	Limits
17060-07-0	1,2-Dichloroethane-D4	96%	92%	94%	63-130%
2037-26-5	Toluene-D8	86%	85%	88%	68-130%
460-00-4	4-Bromofluorobenzene	89%	86%	83%	61-130%