1RP-400

1st QTR 2010 GW Monitoring results

DATE:
July ~~6~~ 27, 2010

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

July 27, 2010

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

RE: 1st Quarter 2010 Groundwater Monitoring Results
DCP X-Line Pipeline Release (1RP-400-0)
Unit B, Section 7, T15S, R34E (Lat 33° 02' 11", Long 103° 32' 48")

Dear Mr. Lowe:

DCP Midstream, LP (DCP) is pleased to submit for your review, one copy of the 1st Quarter 2010 Groundwater Monitoring Results for the DCP X-Line Pipeline Release located within the Etcheverry Ranch, Lea County, New Mexico.

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

Sincerely

DCP Midstream, LP

Stephen Weathers, PG
Principal Environmental Specialist

cc: Mrs. Etcheverry, Landowner - Certified Mail **91 7108 2133 3932 9035 1505**
Larry Johnson, OCD Hobbs District Office (Copy on CD)
Environmental Files

AEC AMERICAN ENVIRONMENTAL CONSULTING, LLC

July 19, 2010

Mr. Stephen Weathers
DCP Midstream, LP
370 Seventeenth Street, Suite 2500
Denver, Colorado 80202

Re: First Quarter 2010 Groundwater Monitoring Summary
X-Line Pipeline Release, Etcheverry Ranch, Lea County, New Mexico
Unit B, Section 7, Township 15 South, Range 34 East (1RP-400-0)

Dear Mr. Weathers:

This letter summarizes the results of the first quarter 2010 groundwater monitoring activities completed March 25, 2010 for DCP Midstream, LP (DCP) at the X-Line Pipeline Release on the Etcheverry Ranch at 33.0364° north, 103.5467° west (Figure 1).

The eight monitoring well locations are shown on Figure 2. All wells were sampled. Well construction information is summarized in Table 1.

The depths to water were measured in each well prior to purging. This data was used to calculate well casing-volume storage. The wells were then purged and sampled using dedicated bailers. Well purging consisted of removing a minimum of three casing volumes of water and, as necessary, continuing bailing until the field parameters temperature, pH and conductivity stabilized. The field sampling forms are attached.

Well MW-8 contained approximately 1/16th inch (0.01 feet) of free phase hydrocarbon (FPH). The well was still sampled.

Unfiltered samples were collected from each well upon stabilization except MW-8 which was bailed down. Each sample was analyzed for benzene, toluene, ethylbenzene and xylenes (BTEX) using EPA Method SW-846, 8260B. A field duplicate was collected from well MW-8. A matrix spike/matrix spike duplicate was analyzed from MW-7.

The samples were placed in an ice-filled chest immediately upon collection and documented using standard chain-of-custody protocol. The samples were delivered via local courier to AccuTest Laboratories in Wheat Ridge, Colorado. All affected purge water was stored on site for ultimate disposal.

The groundwater elevation measurements for all sampling episodes are summarized in Table 2. Well MW-8 is not included because its casing elevation has not been established. Hydrographs for wells MW-1 through MW-7 are shown on Figure 3. Figure 3 shows that the water-table elevations decreased slightly across the site except in MW-3 where it remained constant. The water-table elevations remain at the upper end of the fluctuation range measured over the duration of this project.

Approximately 1/16th inch (0.01 feet) of (FPH) was measured in MW-8. The FPH thickness values that were measured in MW-8 during the monitoring program are summarized in Table 3. FPH has not been detected in MW-8 since December 2008. The vapor extraction system will be restarted for approximately 1-month to remove the FPH sheen,

A water-table contour map based upon the first quarter 2010 measurements was generated using the Surfer program with a kriging option (Figure 4). The water-table configuration reflects the historical conditions of general eastward flow.

Table 4 summarizes the first quarter 2010 sampling results. A copy of the laboratory report is attached. Examination of Table 4 indicates that:

1. No benzene was detected above the method reporting limit in wells MW-1 through MW-7.
2. No toluene was detected above the method reporting limit in wells MW-1 through MW-7.
3. Ethylbenzene and xylenes were not measured in MW-1 and MW-3 through MW-7.
4. MW-2 contained ethylbenzene and xylenes above the method reporting limit; however, the concentrations were below their respective New Mexico Water Quality Control Commission (NMWQCC) groundwater standards.
5. The primary and duplicate MW-8 samples contained benzene, toluene and xylenes at concentrations that exceeded the NMWQCC groundwater standards.

The Quality Assurance data for the sampling event was reviewed. Important quality assurance/quality control evaluations include:

1. The samples were all analyzed within the permitted 14-day holding time;
2. The trip blank did not contain any BTEX.
3. None of the individual surrogate spikes were outside their control ranges;
4. The relative percentage difference (RPD) value of 47.2 percent for ethylbenzene was elevated; however, the measured concentrations are well below the NMWQCC groundwater standards.
5. The RPD values for benzene (13.2%), toluene (1.8%) and xylenes (2.5%) were below 20 percent.
6. The method blank and blank spike evaluations were within their respective control limits.
7. The matrix spike and the matrix spike duplicate results for MW-7 were all within their acceptable ranges.

The above results establish that the samples are suitable for routine groundwater monitoring evaluation.

The first quarter 2010 benzene distribution is shown on Figure 5. Combining the groundwater flow path shown in Figure 4 with this data establishes that the BTEX constituents in MW-8 and the ethylbenzene and xylenes in MW-2 attenuated to below their respective method reporting limits before migrating downgradient to MW-7.

All of the historical data for benzene, toluene, ethylbenzene and total xylenes are summarized in Tables 5, 6, 7, and 8 respectively. There have been no exceedances of the NMWQCC Groundwater Standards since October 2004 for MW-2 and March 2005 for MW-3. There have never been any exceedances in MW-1, MW-4, MW-5, MW-6 and MW-7.

The benzene concentration in MW-8 is graphed over time in Figure 6. The benzene concentration rebounded to 2009 levels. The ethylbenzene, toluene and xylene concentrations all increased over an order of magnitude. It is likely the these increases resulted from the FPH mixing with the water when the well was purged. AEC believes that these values are not representative of the actual dissolved-phase concentrations.

The next monitoring episode is scheduled for the second quarter of 2010. Do not hesitate to contact me if you have any questions or comments on this report.

Respectfully submitted,
AMERICAN ENVIRONMENTAL CONSULTING, LLC

Michael H. Stewart

Michael H. Stewart, P.E.
Principal Engineer

MHS:tbm

TABLES

Table 1 – Monitoring Well Completions

Well	Date Installed	Well Depth	Completion Interval	Top of Sand
MW-1	3/02	91	71-91	68
MW-2	3/02	88	68-88	62
MW-3	3/02	91	71-91	61
MW-4	4/02	91	71-91	68
MW-5	4/02	89	69-89	56
MW-6	4/02	90	70-90	68
MW-7	5/02	85	65-85	59
MW-8	5/09	84	49-84	45

Notes: Units are Feet
Hydrocarbon extraction well (MW-8) completed between approximately 80 and 100 feet

Table 2 – Measured Water Table Elevations

Well	5/1/02	9/6/02	4/28/03	6/19/03	7/17/03	8/20/03	9/22/03	10/29/03	11/20/03	2/18/04	6/25/04	10/18/04	12/09/04	3/3/05
MW-1	4088.54	4088.53	4088.55	4088.55	4088.52	4088.54	4088.53	4088.60	4088.59	4089.19	4089.12	4089.22	4089.18	4089.34
MW-2	4089.02	4089.03	4089.05	4089.07	4089.04	4089.09	4089.06	4089.11	4089.13	4088.90	4089.03	4089.06	4089.03	4089.68
MW-3	4088.83	4088.86	4088.86	4088.85	4088.82	4088.87	4088.84	4088.90	4088.95	4088.82	4088.81	4088.84	4088.82	4089.24
MW-4	4088.63	4088.73	4088.73	4088.73	4088.70	4088.72	4088.71	4088.78	4088.78	4088.74	4088.70	4088.73	4088.71	4088.79
MW-5	4088.60	4088.68	4088.67	4088.65	4088.63	4088.66	4088.65	4088.70	4088.70	4088.65	4088.60	4088.63	4088.62	4088.73
MW-6	4088.69	4088.71	4088.70	4088.69	4088.66	4088.70	4088.68	4088.74	4088.74	4088.69	4088.66	4088.71	4088.68	4088.83
MW-7				4088.04	4088.01	4088.04	4088.03	4088.08	4088.08	4087.66	4087.63	4087.68	4087.65	4087.78

Well	6/3/05	9/28/05	12/12/05	3/1/06	6/26/06	9/28/06	12/21/06	3/13/07	6/26/07	9/5/07	12/27/07	3/20/08	6/27/08	9/15/08
MW-1	4089.26	4089.25	4089.23	4089.23	4089.22	4089.16	4089.24	4089.20	4089.24	4089.26	4089.27	4089.37	4089.36	4089.28
MW-2	4089.10	4089.10	4089.07	4089.08	4089.05	4089.00	4089.09	4089.05	4089.08	4089.10	4089.11	4089.22	4089.21	4089.14
MW-3	4088.91	4088.89	4088.88	4088.88	4088.85	4088.84	4088.88	4088.85	4088.87	4088.89	4088.86	4089.01	4089.00	4088.92
MW-4	4088.79	4088.77	4088.76	4088.75	4088.73	4088.73	4088.76	4088.72	4088.75	4088.77	4088.75	4088.88	4088.84	4088.82
MW-5	4088.68	4088.67	4088.66	4088.66	4088.63	4088.62	4088.66	4088.62	4088.66	4088.68	4088.66	4088.76	4088.76	4088.72
MW-6	4088.75	4088.74	4088.73	4088.72	4088.70	4088.66	4088.73	4088.70	4088.73	4088.74	4088.71	4088.84	4088.89	4088.77
MW-7	4087.71	4087.70	4087.70	4087.70	4087.67	4087.62	4087.69	4087.66	4087.71	4087.71	4087.70	4087.79	4087.81	4087.75

Well	12/1/08	3/11/09	5/27/09	9/24/09	12/18/09	3/25/10
MW-1	4089.37	4089.27	4089.35	4089.33	4089.37	4089.28
MW-2	4089.19	4089.13	4089.24	4089.20	4089.25	4089.19
MW-3	4088.99	4088.92	4088.07	4088.98	4088.98	4088.97
MW-4	4088.84	4088.79	4088.91	4088.87	4088.90	4088.81
MW-5	4088.77	4088.69	4088.80	4088.75	4088.79	4088.71
MW-6	4088.84	4088.77	4088.87	4088.82	4088.87	4088.80
MW-7	4087.82	4087.76	4087.80	4087.90	4087.82	4087.75

Notes: Units are feet
Blank cells: Wells not installed

Table 3 – Summary of Free Phase Hydrocarbon Thickness in MW-8

Measurement Date	Product Thickness (feet)
09/06/02	5.20
04/28/03	5.65
06/19/03	4.01
07/17/03	3.93
09/22/03	3.42
10/29/03	1.42
11/20/03	0.79
06/25/04	0.03
10/18/04	3.26
12/09/04	2.71
03/03/05	0.00
06/03/05	0.12
09/28/05	1.01
12/12/05	0.00
03/01/06	0.04
06/26/06	0.03
09/28/06	0.00
12/21/06	0.28
03/13/07	0.01
06/26/07	1.22
09/05/07	0.40
12/27/07	0.03
03/20/08	0.00
06/27/08	0.00
09/15/08	0.00
12/01/08	0.33
03/11/09	0.00
08/07/09	0.00
09/24/09	0.00
12/18/09	0.00
3/25/10	0.01

Units are feet

Table 4 – First Quarter 2010 Groundwater Monitoring Results

Well	Benzene	Toluene	Ethlbenzene	Xylene (total)
NMWQCC Standards	0.01	0.75	0.75	0.62
MW-1	<0.001	<0.002	<0.002	<0.004
MW-2	<0.001	<0.002	0.0087	0.0923
MW-3	<0.001	<0.002	<0.002	<0.004
MW-3 DUP	<0.001	<0.002	<0.002	<0.004
MW-4	<0.001	<0.002	<0.002	<0.004
MW-5	<0.001	<0.002	<0.002	<0.004
MW-6	<0.001	<0.002	<0.002	<0.004
MW-7	<0.001	<0.002	<0.002	<0.004
MW-8	0.691	63.4	45.6	2220
TRIP BLANK	<0.001	<0.002	<0.002	<0.004

Notes: Units are mg/l
NMWQCC Standards: New Mexico Water Quality Control Commission Groundwater Standards

Table 5 – Summary of Laboratory Data for Benzene

Well	4/24/02	5/21/02	4/28/03	6/19/03	7/17/03	8/20/03	9/22/03	10/29/03	11/20/03	2/18/04	6/25/04	10/18/04	12/9/04	3/3/05	6/3/05	9/28/05	12/12/05
MW-1	<0.002	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2	0.0255	0.145	0.182	0.074	0.155	0.024	0.022	0.001	0.013	<0.001	0.00156	0.0103	0.00342	<0.001	<0.001	<0.001	<0.001
MW-3	0.061	0.176	0.099	0.047	0.063	0.017	0.049	0.044	0.048	0.0280	0.0173	.00584	0.006137	0.00167	0.00332	<0.001	<0.001
MW-4	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-5	<0.002	<0.002	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-6	<0.002	0.002	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-7	---	---	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-8	---	---	FPH	FPH	FPH	FPH	FPH	FPH	FPH	FPH	FPH	FPH	FPH	NS	FPH	FPH	0.561

Well	3/1/06	6/26/06	9/28/06	12/21/06	3/13/07	6/26/07	9/5/07	12/27/07	3/20/08	6/27/08	9/15/08	12/1/08	3/11/09	5/27/09	9/24/09	12/18/09	3/25/10
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00093	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.001
MW-2	<0.001	0.0006	0.0007	<0.001	0.000674	<0.001	<0.002	0.00057	<0.002	0.00096	0.00096	<0.002	<0.002	<0.002	<0.002	<0.002	<0.001
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.001
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00053	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.001
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.001
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00074	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.001
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.001
MW-8	FPH	FPH	0.24	FPH	0.42	FPH	FPH	FPH	0.28	0.18	0.14	FPH	0.219	0.719*	0.775	0.409	0.691

Notes: Units are mg/l.
Duplicate sample results were averaged together
Indicators for estimated (J) values not shown
FPH: Free phase hydrocarbons present, no sample collected
* Sample collected 8/7/09

Table 6 – Summary of Laboratory Data for Toluene

Well	4/24/02	5/21/02	4/28/03	6/19/03	7/17/03	8/20/03	9/22/03	10/29/03	11/20/03	2/18/04	6/25/04	10/18/04	12/9/04	3/3/05	6/3/05	9/28/05	12/12/05
MW-1	<0.002	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2	0.107	0.833	0.092	0.066	0.15	0.092	0.051	0.004	0.017	0.00652	0.00108	0.00648	0.00206	<0.001	<0.001	<0.001	<0.001
MW-3	<0.002	0.004	0.005	<0.001	0.002	<0.001	<0.001	<0.001	0.003	<0.001	0.000158	<0.001	<0.001	<0.001	<0.001	0.000482	<0.001
MW-4	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-5	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-6	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-7	---	---	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-8	---	---	FPH	FPH	FPH	FPH	FPH	FPH	FPH	FPH	FPH	FPH	FPH	NS	FPH	FPH	2.98

Well	3/1/06	6/26/06	9/28/06	12/21/06	3/13/07	6/26/07	9/5/07	12/27/07	3/20/08	6/27/08	9/15/08	12/1/08	3/11/09	5/27/09	9/24/09	12/18/09	3/25/10
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-2	<0.001	0.00114	0.00137	<0.001	0.00512	0.0102	0.0075	0.0039	0.03	0.0073	0.03	0.0135	0.0048	0.010	<0.002	<0.002	<0.002
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.0012	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00098	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.0013J	<0.002	0.00098	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-8	FPH	FPH	0.791	FPH	0.977	FPH	FPH	FPH	0.35	0.388	0.25	FPH	0.257	2.00*	2.52	1.11	63.4

Notes: Units are mg/l.
Duplicate sample results were averaged together
Indicators for estimated (J) values not shown
FPH: Free phase hydrocarbons present, no sample collected
* Sample collected 8/7/09

Table 7 – Summary of Laboratory Data for Ethylbenzene

Well	4/24/02	5/21/02	4/28/03	6/19/03	7/17/03	8/20/03	9/22/03	10/29/03	11/20/03	2/18/04	6/25/04	10/18/04	12/9/04	3/3/05	6/3/05	9/28/05	12/12/05
MW-1	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2	0.013	0.062	0.121	0.069	0.112	0.012	0.012	0.002	0.005	0.00301	0.0005	0.00336	0.00122	<0.001	<0.001	<0.001	<0.001
MW-3	0.023	0.023	0.03	0.02	0.023	0.006	0.02	0.018	0.017	0.0138	0.0136	0.00692	0.00884	0.00167	0.00574	0.00101	<0.001
MW-4	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-5	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-6	0.004	0.002	0.002	<0.001	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-7	---	---	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-8	---	---	FPH	FPH	FPH	FPH	FPH	FPH	FPH	FPH	FPH	FPH	FPH	NS	FPH	FPH	0.928

Well	3/1/06	6/26/06	9/28/06	12/21/06	3/13/07	6/26/07	9/5/07	12/27/07	3/20/08	6/27/08	9/15/08	12/1/08	3/11/09	5/27/09	9/24/09	12/18/09	3/25/10
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-2	<0.001	<0.001	0.0003	<0.001	0.00120	0.0024	<0.002	0.00076J	0.01	0.0229	0.02	0.0147	0.0123	0.010	0.0096	0.0086	0.0087
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0011	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-6	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.002	0.0033	<0.002	<0.002	0.0031	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MW-8	FPH	FPH	0.239	FPH	0.437	FPH	FPH	FPH	0.15	0.0971	0.17	FPH	0.133	0.233*	0.238	0.114	45.6

Notes: Units are mg/l.
Duplicate sample results were averaged together
Indicators for estimated (J) values not shown
FPH: Free phase hydrocarbons present, no sample collected
* Sample collected 8/7/09

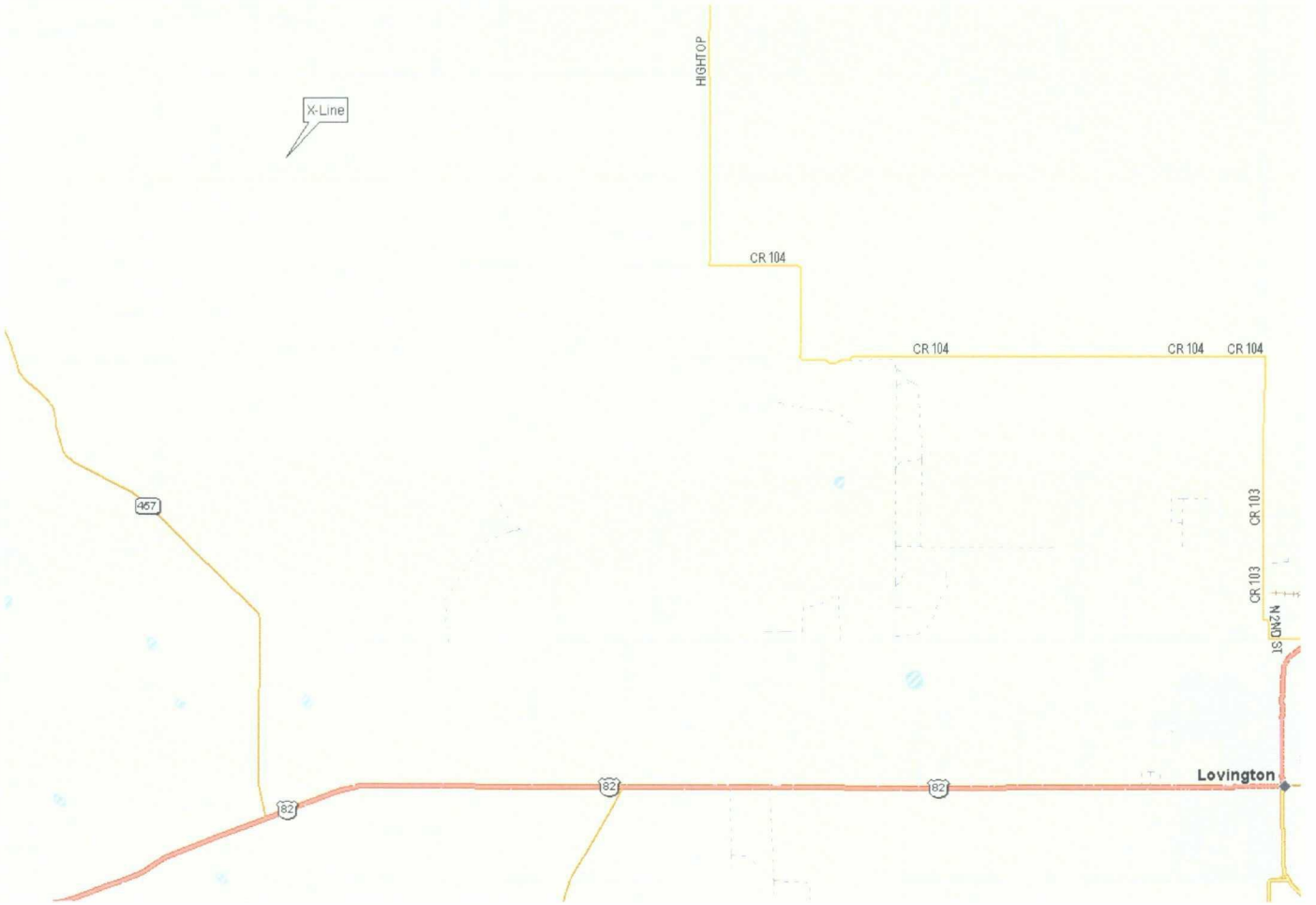
Table 8 – Summary of Laboratory Data for Xylenes

Well	4/24/02	5/21/02	4/28/03	6/19/03	7/17/03	8/20/03	9/22/03	10/29/03	11/20/03	2/18/04	6/25/04	10/18/04	12/9/04	3/3/05	6/3/05	9/28/05	12/12/05
MW-1	<0.006	<0.006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0514	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2	0.38	1.27	0.133	0.103	0.186	0.179	0.079	0.017	0.034	0.00067	0.00106	0.0052	<0.001	<0.001	<0.001	<0.001	<0.001
MW-3	0.189	0.451	0.039	0.006	0.007	0.001	0.001	0.001	0.004	<0.001	0.000118	0.0015	<0.001	0.00044	0.00173	0.000997	<0.001
MW-4	<0.006	<0.006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-5	0.011	<0.006	0.003	0.003	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-6	0.123	0.047	0.01	<0.001	0.004	<0.001	<0.001	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-7	---	---	<0.001	<0.001	<0.001	<0.001	<0.001	0.006	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-8	---	---	FPH	FPH	FPH	FPH	FPH	FPH	FPH	FPH	FPH	FPH	FPH	NS	FPH	FPH	9.89

Well	3/1/06	6/26/06	9/28/06	12/21/06	3/13/07	6/26/07	9/5/07	12/27/07	3/20/08	6/27/08	9/15/08	12/1/08	3/11/09	5/27/09	9/24/09	12/18/09	3/25/10
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	0.0028	<0.006	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.004
MW-2	<0.001	0.00125	0.0014	<0.001	0.00770	0.013	0.0078	0.0051	0.06	0.0229	0.12	0.143	0.12	0.16	0.103	0.0916	0.0923
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006	<0.006	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.004
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	0.0016	<0.006	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.004
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006	<0.006	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.004
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006	<0.006	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.004
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006	<0.006	<0.002	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.004
MW-8	FPH	FPH	2.27	FPH	3.35	FPH	FPH	FPH	2.80	0.388	2.42	FPH	3.76	4.72*	5.10	5.24	2220

Notes: Units are mg/l.
Duplicate sample results were averaged together
Indicators for estimated (J) values not shown
FPH: Free phase hydrocarbons present, no sample collected
* Sample collected 8/7/09

FIGURES



Scale

0 2 miles

N

Figure 1 - X-Line Location
(33.036°N, 103.547 °W)

X-Line Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: 1/07

Figure 2 – Facility Configuration

X-Line Monitoring

dcp Midstream

DRAWN BY: MHS

REVISED:

DATE: 1/07

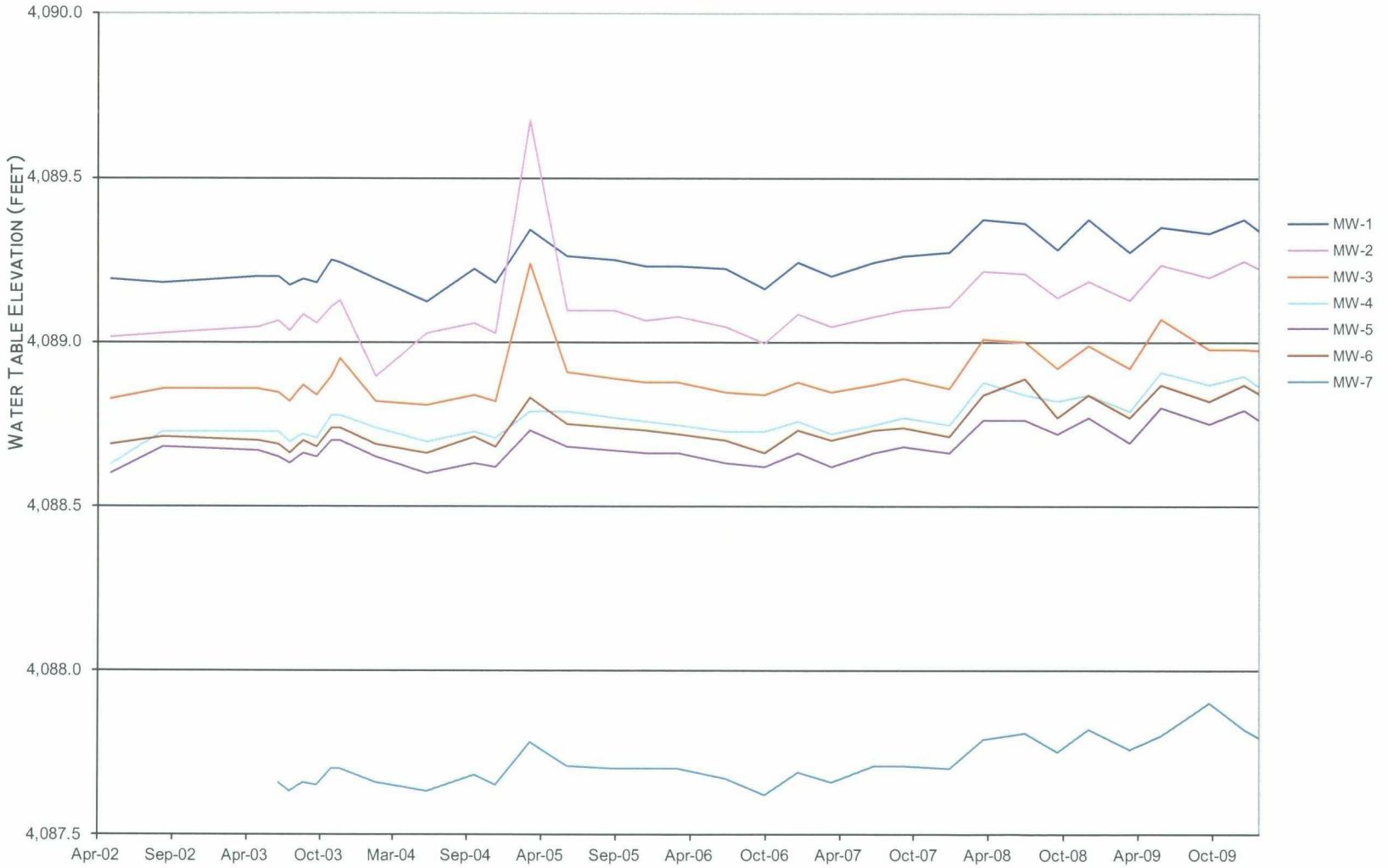


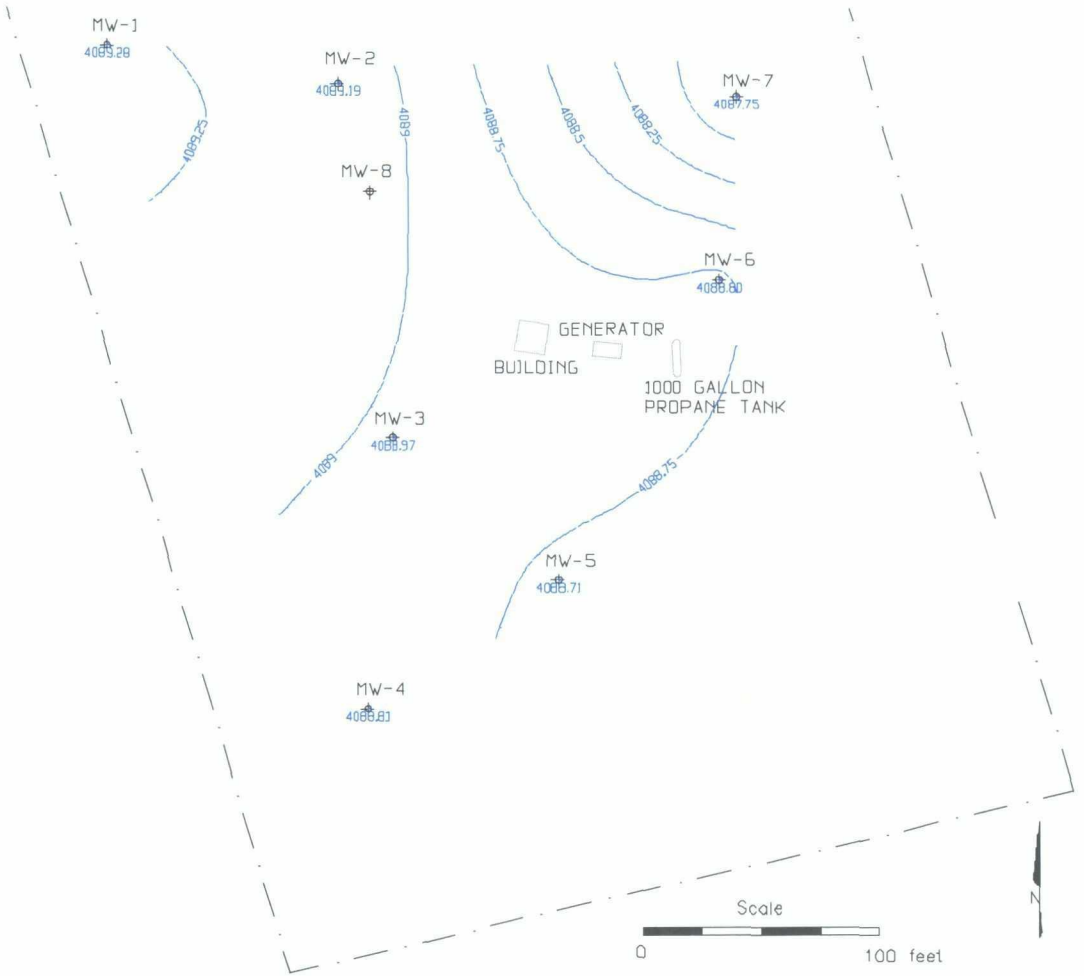
Figure 3 – Well Hydrographs

X-Line Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: 5/10



Contour interval is 0.25 feet

Figure 4 – First Quarter 2010 Water Table Contours

X-Line Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: . 5/10

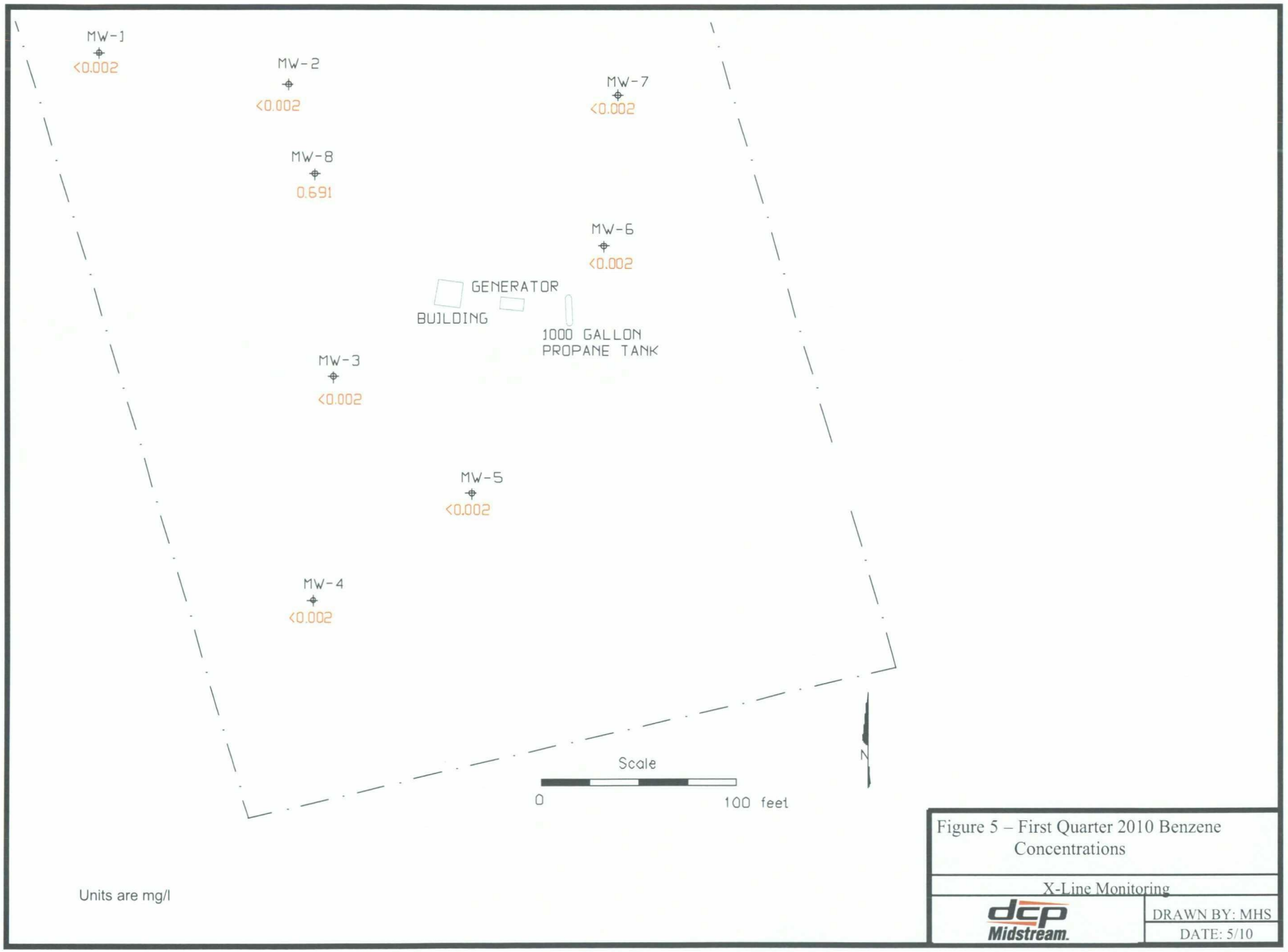


Figure 5 – First Quarter 2010 Benzene Concentrations

X-Line Monitoring

dcp Midstream

DRAWN BY: MHS

DATE: 5/10

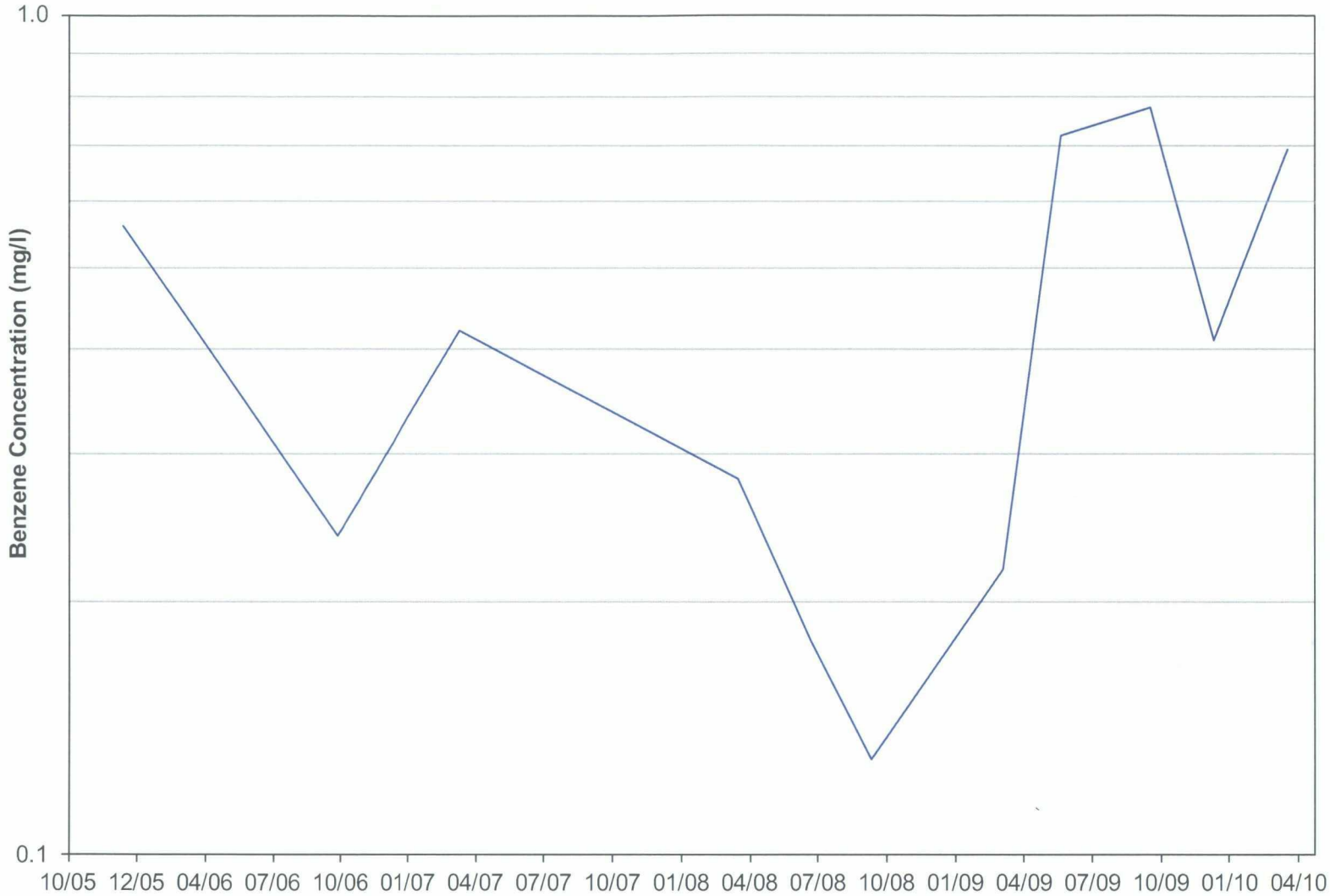


Figure 6 – Benzene Concentrations in MW-8

X-Line Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: 5/10

FIELD SAMPLING FORMS
AND
LABORATORY ANALYTICAL REPORT

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)
DECEMBER 2007
WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 3/25/2010

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: Dedicated Bailer

SAMPLING METHOD: ☑ Dedicated Bailer ☐ Direct from Discharge Hose ☐ Other:

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 91.00 Feet
DEPTH TO WATER: 77.41 Feet
HEIGHT OF WATER COLUMN: 13.59 Feet
WELL DIAMETER: 2.0 Inch

6.7 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
	6.9	14.2	0.46	7.55			

SAMPLE NO.: MW-1

ANALYSES: BTEX (8260)

COMMENTS: Readings at equlibration due to uncertainty in meter

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)
DECEMBER 2007
WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 3/25/2010

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: Dedicated Bailer

SAMPLING METHOD: ☑ Dedicated Bailer ☐ Direct from Discharge Hose ☐ Other:

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 88.00 Feet
DEPTH TO WATER: 77.33 Feet
HEIGHT OF WATER COLUMN: 10.67 Feet
WELL DIAMETER: 2.0 Inch

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

TIME	VOLUME PURGED	TEMP. °C	COND. *m* S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	5.4	15.3	0.56	7.42			

SAMPLE NO.: MW-2

ANALYSES: BTEX (8260)

COMMENTS: Readings at equlibration due to uncertainty in meter

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)
DECEMBER 2007
WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 3/25/2010

PROJECT NO. SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: Dedicated Bailer

SAMPLING METHOD: ☑ Dedicated Bailer ☐ Direct from Discharge Hose ☐ Other:

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other:

TOTAL DEPTH OF WELL: 91.00 Feet
DEPTH TO WATER: 77.36 Feet
HEIGHT OF WATER COLUMN: 13.64 Feet
WELL DIAMETER: 2.0 Inch

6.7 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
	6.9	15.9	0.56	7.33			

SAMPLE NO.: MW-3

ANALYSES: BTEX (8260)

COMMENTS: Readings at equlibration due to uncertainty in meter

Duplicate sample collected

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)
DECEMBER 2007
WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 3/25/2010

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: Dedicated Bailer

SAMPLING METHOD: ☑ Dedicated Bailer ☐ Direct from Discharge Hose ☐ Other:

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 91.00 Feet
DEPTH TO WATER: 77.52 Feet
HEIGHT OF WATER COLUMN: 13.48 Feet
WELL DIAMETER: 2.0 Inch

6.6 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
	6.9	17.5	0.61	7.44			

SAMPLE NO.: MW-4

ANALYSES: BTEX (8260)

COMMENTS: Readings at equlibration due to uncertainty in meter

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)
DECEMBER 2007
WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 3/25/2010

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: Dedicated Bailer

SAMPLING METHOD: ☑ Dedicated Bailer ☐ Direct from Discharge Hose ☐ Other:

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 89.00 Feet
DEPTH TO WATER: 77.19 Feet
HEIGHT OF WATER COLUMN: 11.81 Feet
WELL DIAMETER: 2.0 Inch

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

TIME	VOLUME PURGED	TEMP. °C	COND. *m* S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	6.0	15.1	0.72	0.49	7.5		

SAMPLE NO.: MW-5

ANALYSES: BTEX (8260)

COMMENTS: Readings at equlibration due to uncertainty in meter

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)
DECEMBER 2007
WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 3/25/2010

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: Dedicated Bailer

SAMPLING METHOD: ☑ Dedicated Bailer ☐ Direct from Discharge Hose ☐ Other:

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 90.00 Feet
DEPTH TO WATER: 77.09 Feet
HEIGHT OF WATER COLUMN: 12.91 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
	6.8	14.0	0.43	7.5			

SAMPLE NO.: MW-6

ANALYSES: BTEX (8260)

COMMENTS: Readings at equlibration due to uncertainty in meter

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)
DECEMBER 2007
WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 3/25/2010

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: Dedicated Bailer

SAMPLING METHOD: ☑ Dedicated Bailer ☐ Direct from Discharge Hose ☐ Other:

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 85.00 Feet
DEPTH TO WATER: 76.68 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
	4.2	19.2	0.46	7.61			

SAMPLE NO.: MW-7

ANALYSES: BTEX (8260)

COMMENTS: Collected MS/MSD Samples

Readings at equlibration due to uncertainty in meter

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)
DECEMBER 2007
WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 3/25/2010

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

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

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other:

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 85.10 Feet
DEPTH TO WATER: 77.26 Feet
HEIGHT OF WATER COLUMN: 7.84 Feet
WELL DIAMETER: 4.0 Inch

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

TIME	VOLUME PURGED	TEMP. °C	COND. *m* S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
Bailed Down		16.2	0.76	7.19			

SAMPLE NO.: MW-8

ANALYSES: BTEX (8260)

COMMENTS: Readings at equlibration due to uncertainty in meter

Mountain States ACCUTEST Laboratories

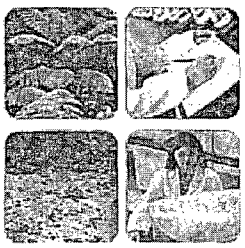
IT'S ALL IN THE CHEMISTRY

04/14/10

Technical Report for

DCP Midstream, LP

AECCOL: Xline Etcheverry Ranch



Accutest Job Number: D12039

Sampling Date: 03/25/10

Report to:

American Environmental Consulting, LLC

mstewart@aecdenver.com

ATTN: Michael Stewart

Total number of pages in report: **23**

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.

Jesse L. Smith
Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

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.

Table of Contents

-1-

Sections: 1 2 3 4

Sample Summary

DCP Midstream, LP

Job No: D12039

AECCOL: Xline Etcheverry Ranch

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
D12039-1	03/25/10	07:15	MS	03/26/10	AQ	Ground Water	MW-1
D12039-2	03/25/10	07:15	MS	03/26/10	AQ	Ground Water	MW-2
D12039-3	03/25/10	08:30	MS	03/26/10	AQ	Ground Water	MW-3
D12039-4	03/25/10	08:10	MS	03/26/10	AQ	Ground Water	MW-4
D12039-5	03/25/10	08:10	MS	03/26/10	AQ	Ground Water	MW-5
D12039-6	03/25/10	07:45	MS	03/26/10	AQ	Ground Water	MW-6
D12039-7	03/25/10	07:45	MS	03/26/10	AQ	Ground Water	MW-7
D12039-7D	03/25/10	07:45	MS	03/26/10	AQ	Water Dup/MSD	MW-7
D12039-7M	03/25/10	07:45	MS	03/26/10	AQ	Water Matrix Spike	MW-7
D12039-8	03/25/10	08:50	MS	03/26/10	AQ	Ground Water	MW-8
D12039-9	03/25/10	00:00	MS	03/26/10	AQ	Ground Water	DUP
D12039-10	03/25/10	00:00	MS	03/26/10	AQ	Trip Blank Water	TRIP BLANK

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	D12039-1	Date Sampled:	03/25/10
Matrix:	AQ - Ground Water	Date Received:	03/26/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V06660.D	1	03/30/10	JHC	n/a	n/a	V5V349
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	1.0	0.40	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	1.0	ug/l	
	m,p-Xylene	ND	4.0	1.1	ug/l	
95-47-6	o-Xylene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%		70-130%
2037-26-5	Toluene-D8	114%		70-130%
460-00-4	4-Bromofluorobenzene	93%		70-130%

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:	D12039-2	Date Sampled:	03/25/10
Matrix:	AQ - Ground Water	Date Received:	03/26/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V06661.D	1	03/30/10	JHC	n/a	n/a	V5V349
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	1.0	0.40	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	8.7	2.0	1.0	ug/l	
	m,p-Xylene	65.4	4.0	1.1	ug/l	
95-47-6	o-Xylene	26.9	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	111%		70-130%
2037-26-5	Toluene-D8	116%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

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:	D12039-3	Date Sampled:	03/25/10
Matrix:	AQ - Ground Water	Date Received:	03/26/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V06662.D	1	03/30/10	JHC	n/a	n/a	V5V349
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	1.0	0.40	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	1.0	ug/l	
	m,p-Xylene	ND	4.0	1.1	ug/l	
95-47-6	o-Xylene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	109%		70-130%
2037-26-5	Toluene-D8	113%		70-130%
460-00-4	4-Bromofluorobenzene	92%		70-130%

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:	D12039-4	Date Sampled:	03/25/10
Matrix:	AQ - Ground Water	Date Received:	03/26/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V06663.D	1	03/30/10	JHC	n/a	n/a	V5V349
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	1.0	0.40	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	1.0	ug/l	
	m,p-Xylene	ND	4.0	1.1	ug/l	
95-47-6	o-Xylene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%		70-130%
2037-26-5	Toluene-D8	115%		70-130%
460-00-4	4-Bromofluorobenzene	93%		70-130%

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:	D12039-5	Date Sampled:	03/25/10
Matrix:	AQ - Ground Water	Date Received:	03/26/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V06664.D	1	03/30/10	JHC	n/a	n/a	V5V349
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	1.0	0.40	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	1.0	ug/l	
	m,p-Xylene	ND	4.0	1.1	ug/l	
95-47-6	o-Xylene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	113%		70-130%
2037-26-5	Toluene-D8	113%		70-130%
460-00-4	4-Bromofluorobenzene	91%		70-130%

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-6		
Lab Sample ID:	D12039-6	Date Sampled:	03/25/10
Matrix:	AQ - Ground Water	Date Received:	03/26/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V06665.D	1	03/30/10	JHC	n/a	n/a	V5V349
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	1.0	0.40	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	1.0	ug/l	
	m,p-Xylene	ND	4.0	1.1	ug/l	
95-47-6	o-Xylene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	116%		70-130%
2037-26-5	Toluene-D8	115%		70-130%
460-00-4	4-Bromofluorobenzene	93%		70-130%

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:	D12039-7	Date Sampled:	03/25/10
Matrix:	AQ - Ground Water	Date Received:	03/26/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V06653.D	1	03/30/10	JHC	n/a	n/a	V5V349
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	1.0	0.40	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	1.0	ug/l	
	m,p-Xylene	ND	4.0	1.1	ug/l	
95-47-6	o-Xylene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	108%		70-130%
2037-26-5	Toluene-D8	115%		70-130%
460-00-4	4-Bromofluorobenzene	92%		70-130%

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:	D12039-8	Date Sampled:	03/25/10
Matrix:	AQ - Ground Water	Date Received:	03/26/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V06668.D	100	03/30/10	JHC	n/a	n/a	V5V349
Run #2	5V06677.D	5000	03/31/10	JHC	n/a	n/a	V5V350
Run #3	5V06678.D	10000	03/31/10	JHC	n/a	n/a	V5V350

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

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	691	100	40	ug/l	
108-88-3	Toluene	63400 [a]	10000	5000	ug/l	
100-41-4	Ethylbenzene	45600 [a]	10000	5000	ug/l	
	m,p-Xylene	1420000 [b]	40000	11000	ug/l	
95-47-6	o-Xylene	800000 [a]	10000	5000	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
17060-07-0	1,2-Dichloroethane-D4	109%	104%	98%	70-130%
2037-26-5	Toluene-D8	196% [c]	136% [c]	119%	70-130%
460-00-4	4-Bromofluorobenzene	245% [c]	172% [c]	114%	70-130%

(a) Result is from Run# 2
(b) Result is from Run# 3
(c) Outside control limits due to matrix interference.

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:	D12039-9	Date Sampled:	03/25/10
Matrix:	AQ - Ground Water	Date Received:	03/26/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V06666.D	1	03/30/10	JHC	n/a	n/a	V5V349
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	1.0	0.40	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	1.0	ug/l	
	m,p-Xylene	ND	4.0	1.1	ug/l	
95-47-6	o-Xylene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	119%		70-130%
2037-26-5	Toluene-D8	114%		70-130%
460-00-4	4-Bromofluorobenzene	91%		70-130%

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

Accutest LabLink@575 07:12 14-Apr-2010

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	D12039-10	Date Sampled:	03/25/10
Matrix:	AQ - Trip Blank Water	Date Received:	03/26/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V06667.D	1	03/30/10	JHC	n/a	n/a	V5V349
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	1.0	0.40	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	1.0	ug/l	
	m,p-Xylene	ND	4.0	1.1	ug/l	
95-47-6	o-Xylene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%		70-130%
2037-26-5	Toluene-D8	111%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

PAGE 1

ACCUTEST Laboratories

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Accutest Quote #:
Bottle Order Control #:
Accutest Job #: D12039

Client / Reporting Information

Company Name: DCP Midstream
Street Address: 370 17th Street, Suite 2500
City: Denver State: CO Zip: 80202
Project Contact: Stephen Weathers E-mail: SWWeathers@dcpmidstream.com
Phone #: 303-605-1718 Fax #:
Sampler(s) Name(s): M. Stewart / A. Taylor Phone #:

Project Information

Project Name: Xline Location: Etcheverry Ranch
Street:
City: State:
Project #: Xline
Client Purchase Order #:
Project Manager: M. Stewart

Billing Information (if different from Report to)

Company Name: Same
Street Address:
City: State: Zip:
Attention: Stephen Weathers

Requested Analysis (see TEST CODE sheet)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	BTEX 8260B	MS/MSD For BTEX 8260B	LAB USE ONLY
	MW-1		3/25/2010	715	AEC	GW	3	x							X		01
	MW-2			715		GW	3	x							X		02
	MW-3			830		GW	3	x							X		03
	MW-4			810		GW	3	x							X		04
	MW-5			810		GW	3	x							X		05
	MW-6			745		GW	3	x							X		06
	MW-7			745		GW	3	x							X		07
	MW-8			850		GW	3	x							X		08
	DUP			000		GW	3	x							X		09
	MW-7 MS/MSD			745		GW	6	x								X	07MS/MSD
	Trip Blank			Lab	Lab	GW	2	x							X		10

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [ ] Std. 10 Business Days (by Contract only)
- [ ] 10 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY

Emergency & Rush TAT data available VIA Labilink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [x] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [x] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Please send invoice and electronic (PDF) copy of results to Stephen Weathers at DCP (SWWeathers@dcpmidstream.com)

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	3/26/10 1440	1	2		2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished By:	Date Time:	Received By:	Custody Seal #	[x] Intact [ ] Not Intact	Preserved where applicable [x]	On Ice [x]	Cooler Temp: 2.5
5		5					

3.1 (25)

D12039: Chain of Custody
Page 1 of 1

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: D12039
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V349-MB1	5V06651.D	1	03/30/10	JHC	n/a	n/a	V5V349

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

D12039-1, D12039-2, D12039-3, D12039-4, D12039-5, D12039-6, D12039-7, D12039-8, D12039-9, D12039-10

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	2.0	1.0	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
	m,p-Xylene	ND	4.0	1.1	ug/l	
95-47-6	o-Xylene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	114%	70-130%
2037-26-5	Toluene-D8	115%	70-130%
460-00-4	4-Bromofluorobenzene	93%	70-130%

Method Blank Summary

Job Number: D12039
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V350-MB1	5V06674.D	1	03/31/10	JHC	n/a	n/a	V5V350

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

D12039-8

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	2.0	1.0	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
	m,p-Xylene	ND	4.0	1.1	ug/l	
95-47-6	o-Xylene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	98%	70-130%
2037-26-5	Toluene-D8	112%	70-130%
460-00-4	4-Bromofluorobenzene	94%	70-130%

Blank Spike Summary

Job Number: D12039
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V349-BS1	5V06652.D	1	03/30/10	JHC	n/a	n/a	V5V349

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

D12039-1, D12039-2, D12039-3, D12039-4, D12039-5, D12039-6, D12039-7, D12039-8, D12039-9, D12039-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	46.8	94	70-130
100-41-4	Ethylbenzene	50	52.6	105	70-130
108-88-3	Toluene	50	47.2	94	70-140
	m,p-Xylene	50	49.1	98	55-134
95-47-6	o-Xylene	50	49.7	99	55-134

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	103%	70-130%
2037-26-5	Toluene-D8	117%	70-130%
460-00-4	4-Bromofluorobenzene	110%	70-130%

Blank Spike Summary

Job Number: D12039
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V350-BS1	5V06675.D	1	03/31/10	JHC	n/a	n/a	V5V350

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

D12039-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	50	49.0	98	70-130
108-88-3	Toluene	50	45.6	91	70-140
	m,p-Xylene	50	47.9	96	55-134
95-47-6	o-Xylene	50	46.9	94	55-134

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	96%	70-130%
2037-26-5	Toluene-D8	114%	70-130%
460-00-4	4-Bromofluorobenzene	106%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D12039
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D12039-7MS	5V06654.D	1	03/30/10	JHC	n/a	n/a	V5V349
D12039-7MSD	5V06655.D	1	03/30/10	JHC	n/a	n/a	V5V349
D12039-7	5V06653.D	1	03/30/10	JHC	n/a	n/a	V5V349

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

D12039-1, D12039-2, D12039-3, D12039-4, D12039-5, D12039-6, D12039-7, D12039-8, D12039-9, D12039-10

CAS No.	Compound	D12039-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	47.9	96	47.0	94	2	59-132/30
100-41-4	Ethylbenzene	ND		50	53.7	107	52.2	104	3	68-130/30
108-88-3	Toluene	ND		50	47.6	95	46.3	93	3	56-142/30
	m,p-Xylene	ND		50	50.0	100	49.1	98	2	36-146/30
95-47-6	o-Xylene	ND		50	50.9	102	49.7	99	2	36-146/30

CAS No.	Surrogate Recoveries	MS	MSD	D12039-7	Limits
17060-07-0	1,2-Dichloroethane-D4	104%	102%	108%	70-130%
2037-26-5	Toluene-D8	118%	116%	115%	70-130%
460-00-4	4-Bromofluorobenzene	109%	110%	92%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D12039
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D12039-8MS	5V06679.D	10000	03/31/10	JHC	n/a	n/a	V5V350
D12039-8MSD	5V06680.D	10000	03/31/10	JHC	n/a	n/a	V5V350
D12039-8	5V06677.D	5000	03/31/10	JHC	n/a	n/a	V5V350
D12039-8	5V06678.D	10000	03/31/10	JHC	n/a	n/a	V5V350

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

D12039-8

CAS No.	Compound	D12039-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	45600		500000	520000	95	509000	93	2	68-130/30
108-88-3	Toluene	63400		500000	524000	92	529000	93	1	56-142/30
	m,p-Xylene	1420000	b	500000	3110000	338*	a 3920000	500* a	23	36-146/30
95-47-6	o-Xylene	800000		500000	1430000	126	1770000	194* a	21	36-146/30

CAS No.	Surrogate Recoveries	MS	MSD	D12039-8	D12039-8	Limits
17060-07-0	1,2-Dichloroethane-D4	91%	91%	104%	98%	70-130%
2037-26-5	Toluene-D8	127%	132%* c	136%* c	119%	70-130%
460-00-4	4-Bromofluorobenzene	163%* c	166%* c	172%* c	114%	70-130%

(a) Outside control limits due to high level in sample relative to spike amount.
(b) Result is from Run #2.
(c) Outside control limits due to matrix interference.