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

September 1, 2011

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

RE: 2nd Quarter 2011 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 2nd Quarter 2011 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 3937 9319 5378**
Larry Johnson, OCD Hobbs District Office (Copy on CD)
Environmental Files

AEC AMERICAN ENVIRONMENTAL CONSULTING, LLC

August 26, 2011

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

Re: Second Quarter 2011 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 second quarter 2011 groundwater monitoring activities completed June 22, 2011 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 eight wells were sampled. Well construction information is summarized in Table 1.

The soil vapor extraction (SVE) system connected to MW-8 was operating even though no free phase hydrocarbons (FPH) were present to attempt to accelerate remediation within the limited remaining affected area. The iSOC® (short for in-situ Submerged Oxygen Curtain) device that was installed in April 2007 in MW-8 to increase the dissolved oxygen in the groundwater continues to operate along with the SVE system.

The depths to water were measured in each well prior to purging (Table 2). 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.

Unfiltered samples were collected after each well stabilized. The samples were placed in an ice-filled chest. The activities were documented using standard chain-of-custody protocol. The samples were delivered directly to AccuTest Laboratories in Wheat Ridge, Colorado. Each sample was analyzed for benzene, toluene, ethylbenzene and xylenes (BTEX) using EPA Method SW-846, 8260B. A matrix spike/matrix spike duplicate was analyzed from MW-7. A field duplicate was collected from MW-5. All affected purge water was stored on site for ultimate disposal.

The groundwater elevation measurements for all sampling episodes are summarized in Table 3. 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 declined uniformly.

Figure 4 shows the second quarter 2011 water table elevations and resulting potentiometric surface as calculated by the Surfer program. The results reflect the historical groundwater flow and gradient conditions.

No FPH was measured in MW-8. The FPH thickness values that were measured in MW-8 during the monitoring program are summarized in Table 4. FPH has not been detected in MW-8 at a thickness greater than 0.01 feet since December 2008.

The analytical laboratory report is attached. The quality control data was evaluated with the following results:

- The samples were all analyzed within the required 14-day holding time;
- None of the individual surrogate spikes were outside their control ranges;
- The blank spike results were within their respective control limits.
- The matrix spike and the matrix spike duplicate results for MW-7 were all within the acceptable ranges.
- The BTEX constituents in the primary and duplicate samples from MW-5 were all below the method reporting limits.
- The BTEX constituents were all below the method reporting limits in the Trip Blank

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

Table 5 summarizes the sampling results for this event. Examination of Table 5 indicates that:

1. Benzene was not 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. No ethylbenzene was detected above the method reporting limit in wells MW-1 and MW-3 through MW-7.
4. The 0.0164 mg/l ethylbenzene concentration that was measured in MW-2 is below the 0.75 mg/l New Mexico Water Quality Control Commission (NMWQCC) groundwater standard.
5. Benzene and xylenes were detected above the NMWQCC groundwater standards in MW-8
6. Toluene and ethylbenzene were detected in MW-8 at concentrations below the NMWQCC groundwater standards.

The historical data for benzene, toluene, ethylbenzene and total xylenes are summarized in Tables 6, 7, 8 and 9 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 of the NMWQCC Groundwater Standards in MW-1, MW-4, MW-5, MW-6 and MW-7.

The benzene data is posted on a facility map in Figure 5. Figure 5 establishes the benzene and ethylbenzene concentrations measured in MW-2 and the BTEX concentrations measured in MW-8 attenuate to below the method reporting limits prior to reaching the down-gradient boundary at MW-6 and MW-7.

The BTEX concentrations verses time for well MW-8 are plotted on Figure 6. The benzene and toluene concentrations continue to decline. The ethylbenzene concentration remained constant and xylene concentration increased slightly.

The information gathered to date establishes that the hydrocarbon plume associated with this release has contracted to a small area where the original release occurred. The iSOC® system appears to be controlling and actually reducing the concentrations of benzene, toluene and ethylbenzene in MW-8.

The next monitoring episode is scheduled for the third quarter of 2011. 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 - Second Quarter 2011 Water Gauging Data

Well	Depth To Water (BTOC)	Depth To Product (BTOC)	Water Table Elevation (feet)
MW-1	77.34		4,089.35
MW-2	77.34		4,089.18
MW-3	77.36		4,088.97
MW-4	77.50		4,088.83
MW-5	77.16		4,088.74
MW-6	77.07		4,088.82
MW-7	76.63		4,087.80
MW-8	78.30		NE

Units are feet
NE: Elevation not established by surveying

Table 3 – 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	6/30/10	9/16/10	12/9/10	3/28/11	6/22/11
MW-1	4089.37	4089.27	4089.35	4089.33	4089.37	4089.28	4089.34	4089.34	4089.40	4089.39	4089.35
MW-2	4089.19	4089.13	4089.24	4089.20	4089.25	4089.19	4089.20	4089.20	4089.25	NM	4089.18
MW-3	4088.99	4088.92	4088.07	4088.98	4088.98	4088.97	4088.92	4088.97	4089.03	NM	4088.97
MW-4	4088.84	4088.79	4088.91	4088.87	4088.90	4088.81	4088.85	4088.84	4088.89	NM	4088.83
MW-5	4088.77	4088.69	4088.80	4088.75	4088.79	4088.71	4088.73	4088.72	4088.82	NM	4088.74
MW-6	4088.84	4088.77	4088.87	4088.82	4088.87	4088.80	4088.78	4088.82	4088.85	NM	4088.82
MW-7	4087.82	4087.76	4087.80	4087.90	4087.82	4087.75	4087.87	4087.79	4087.83	NM	4087.80

Notes: Units are feet
Blank cells: Wells not installed
NM not measured due to probe malfunction

Table 4 – 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
03/25/10	0.01
06/30/10	0.00
09/16/10	0.00
12/9/10	0.00
3/28/11	0.00
6/22/10	0.00

Units are feet

Table 5 – Second Quarter 2011 Groundwater Monitoring Results

Well	Benzene	Toluene	Ethlbenzene	Xylenes (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	0.0164	0.185
MW-3	<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-5 Dup	<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	**0.204**	0.444	0.0822	**2.72**
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
Bold values exceed NMWQCC standards

Table 6 – 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

Well	6/30/10	9/16/10	12/9/10	3/28/11	6/22/11
MW-1	<0.0003	<0.001	<0.001	<0.001	<0.001
MW-2	<0.0003	<0.001	0.00049	<0.001	<0.001
MW-3	<0.0003	<0.001	<0.001	<0.001	<0.001
MW-4	<0.0003	<0.001	<0.001	<0.001	<0.001
MW-5	<0.0003	<0.001	<0.001	<0.001	<0.001
MW-6	<0.0003	<0.001	<0.001	<0.001	<0.001
MW-7	<0.0003	<0.001	<0.001	<0.001	<0.001
MW-8	0.594	0.653	NS	0.443	**0.204**

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: NS: well not sampled.

Table 7 – 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

Well	6/30/10	9/16/10	12/9/10	3/28/11	6/22/11
MW-1	<0.001	<0.002	<0.002	<0.002	<0.002
MW-2	<0.001	<0.002	<0.002	<0.002	<0.002
MW-3	<0.001	<0.002	<0.002	<0.002	<0.002
MW-4	<0.001	<0.002	<0.002	<0.002	<0.002
MW-5	<0.001	<0.002	<0.002	<0.002	<0.002
MW-6	<0.001	<0.002	<0.002	<0.002	<0.002
MW-7	<0.001	<0.002	<0.002	<0.002	<0.002
MW-8	1.48	1.07	NS	0.717	0.444

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: NS: well not sampled.

Table 8 – 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

Well	6/30/10	9/16/10	12/9/10	3/28/11	6/22/11
MW-1	<0.0003	<0.002	<0.002	<0.002	<0.002
MW-2	0.0062	0.007	0.0147	0.005	0.0164
MW-3	<0.0003	<0.002	<0.002	<0.002	<0.002
MW-4	<0.0003	<0.002	<0.002	<0.002	<0.002
MW-5	<0.0003	<0.002	<0.002	<0.002	<0.002
MW-6	<0.0003	<0.002	<0.002	<0.002	<0.002
MW-7	<0.0003	<0.002	0.00056	<0.002	<0.002
MW-8	0.145	0.165	NS	0.0817	0.0822

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: NS: well not sampled.

Table 9 – Summary of Laboratory Data for Xylenes

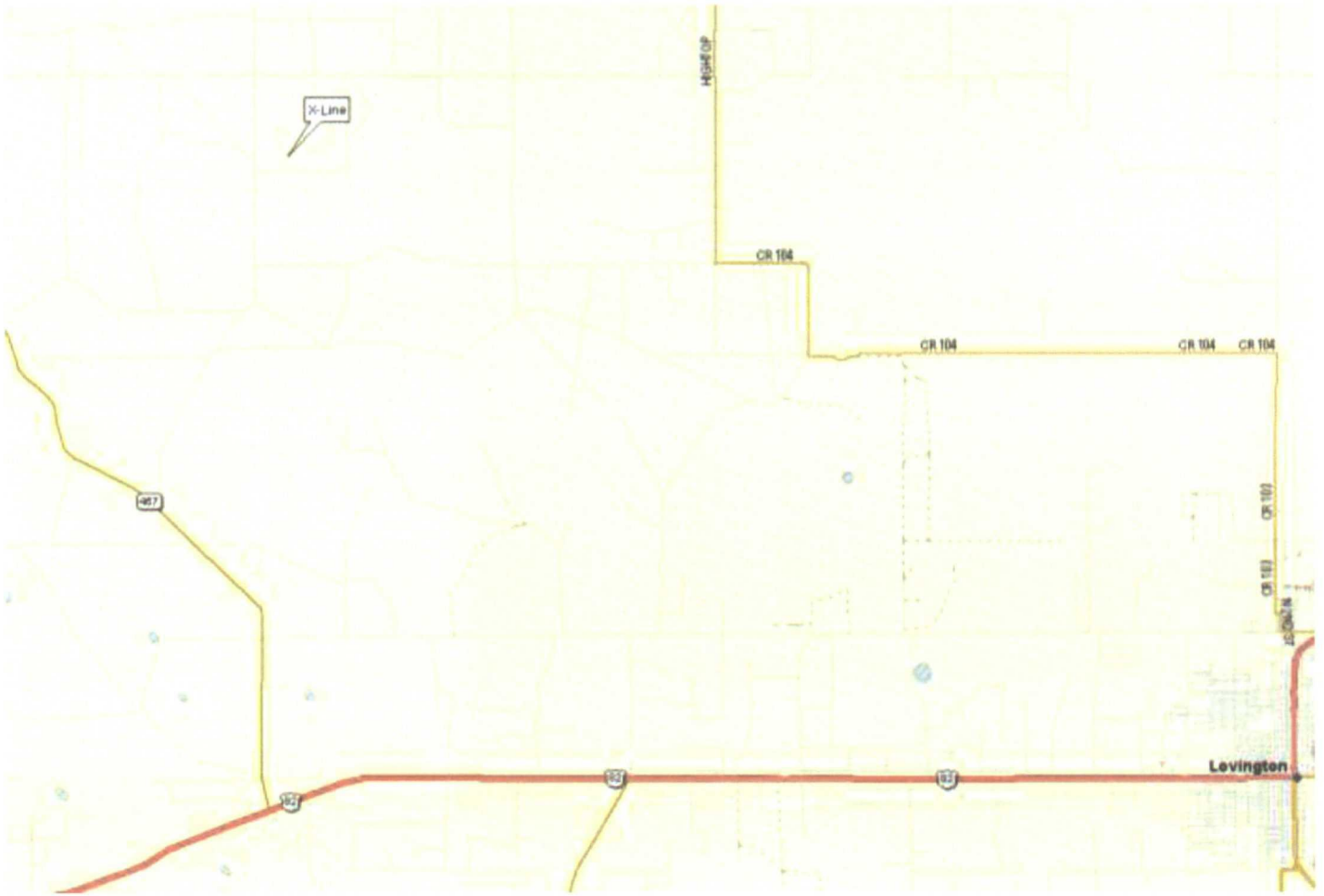
Well	4/24/02	5/21/02	4/28/03	6/19/03	7/17/03	8/20/03	9/22/03	10/29/03	11/20/03	2/18/04	6/25/04	10/18/04	12/9/04	3/3/05	6/3/05	9/28/05	12/12/05
MW-1	<0.006	<0.006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0514	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2	0.38	1.27	0.133	0.103	0.186	0.179	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

Well	6/30/10	9/16/10	12/9/10	3/28/11	6/22/11
MW-1	<0.0006	<0.004	<0.004	0.00099J	<0.004
MW-2	0.0417	0.0786	0.1317	0.0455	0.185
MW-3	<0.0006	<0.004	<0.004	0.0011 J	<0.004
MW-4	<0.0006	<0.004	<0.004	0.00078 J	<0.004
MW-5	<0.0006	<0.004	<0.004	0.012 J	<0.004
MW-6	<0.0006	<0.004	<0.004	0.00077 J	<0.004
MW-7	<0.0006	<0.004	<0.004	0.00065 J	<0.004
MW-8	3.49	6.37	NS	2.34	**2.72**

Notes: Units are mg/l: Duplicate sample results were averaged together: NS: well not sampled.
Indicators for estimated (J) values not shown:
FPH: Free phase hydrocarbons present, no sample collected:
* Sample collected 8/7/09:
Trip blank for 3/28/11 sample contained 0.00069 mg/l xylenes so contamination from an unknown source was present for this event.

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

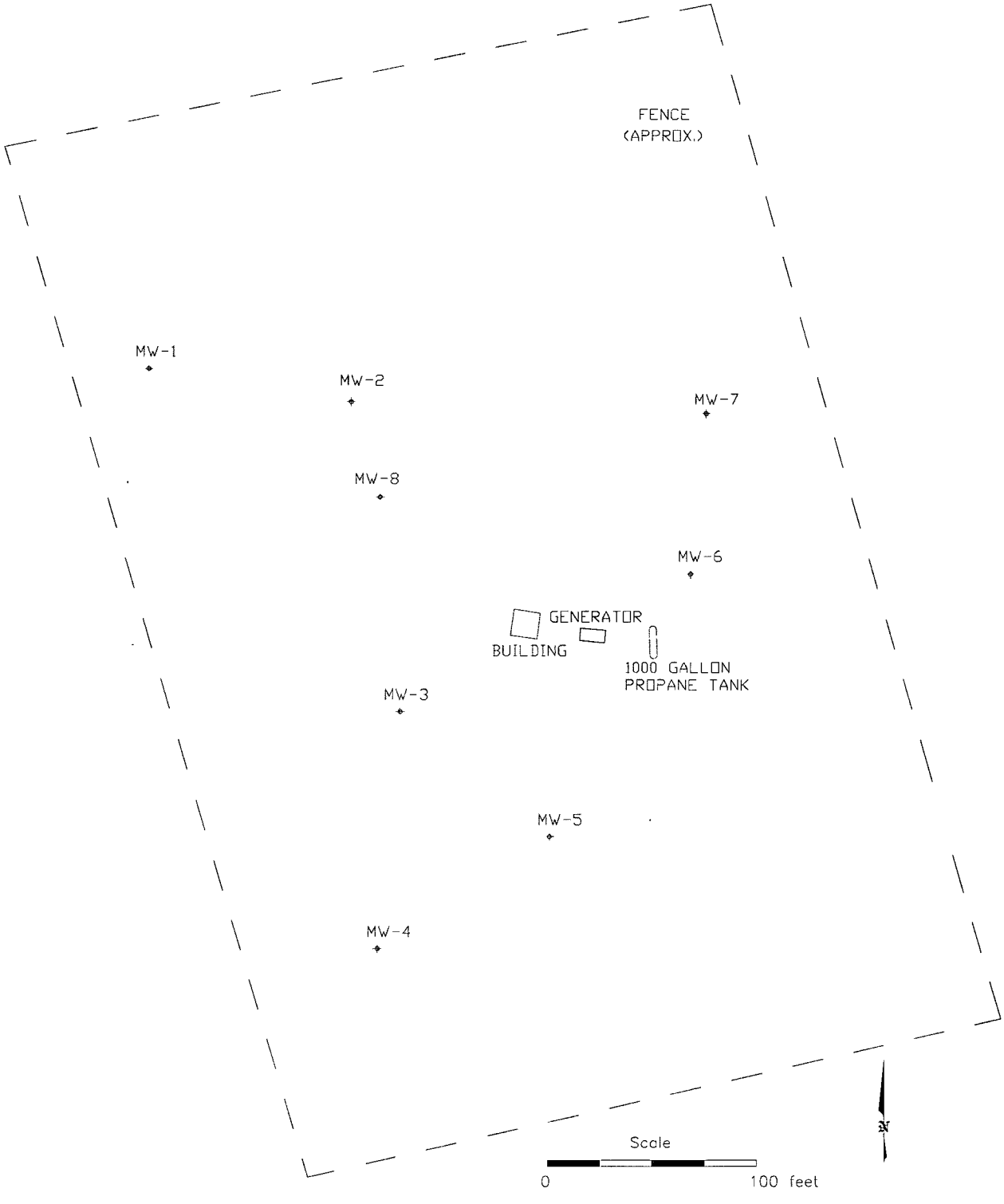


Figure 2 – Facility Configuration

X-Line Monitoring

DCP Midstream

DRAWN BY: MHS
REVISED:
DATE. 1/07

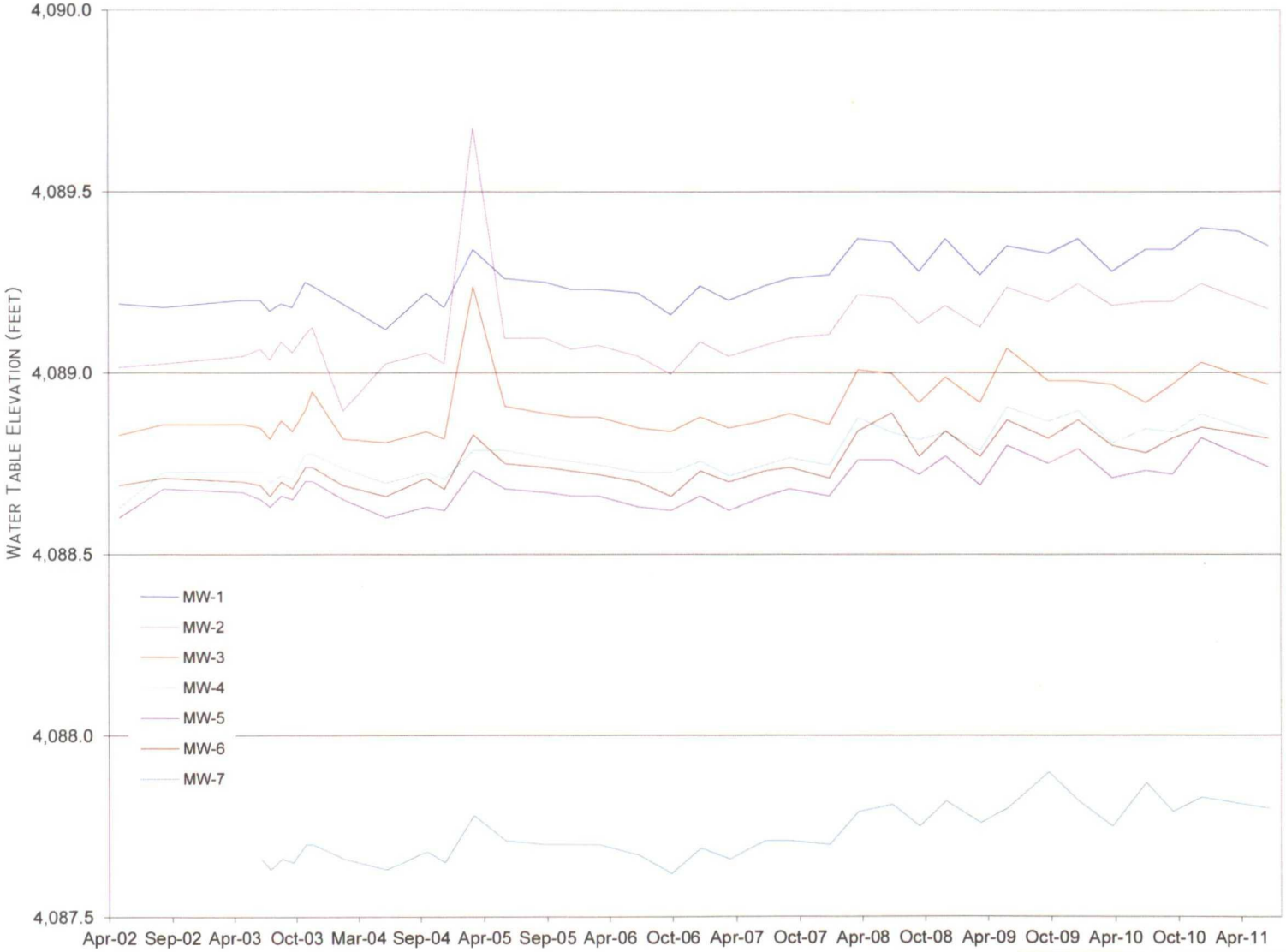


Figure 3 – Well Hydrographs

X-Line Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: 8/11

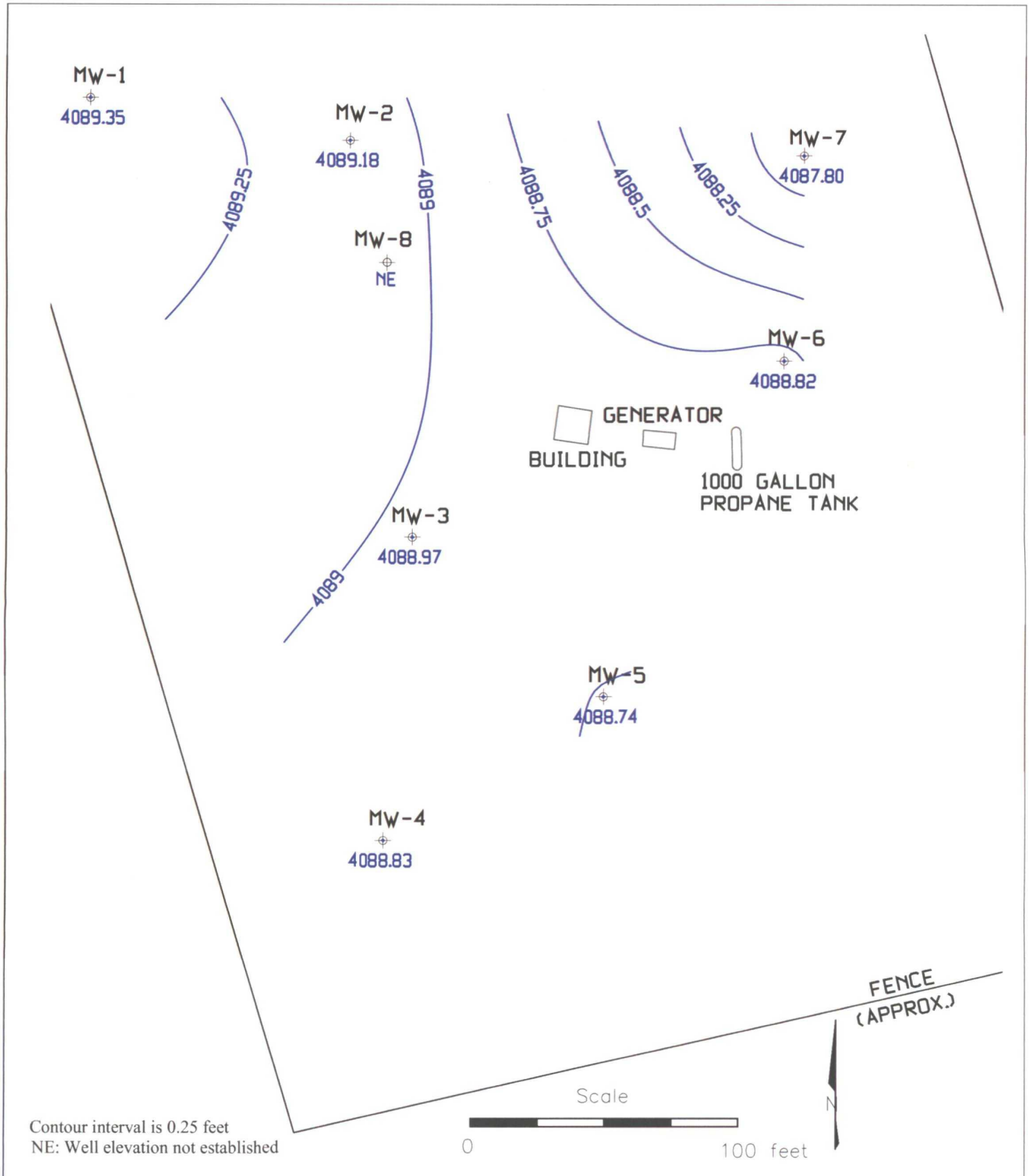
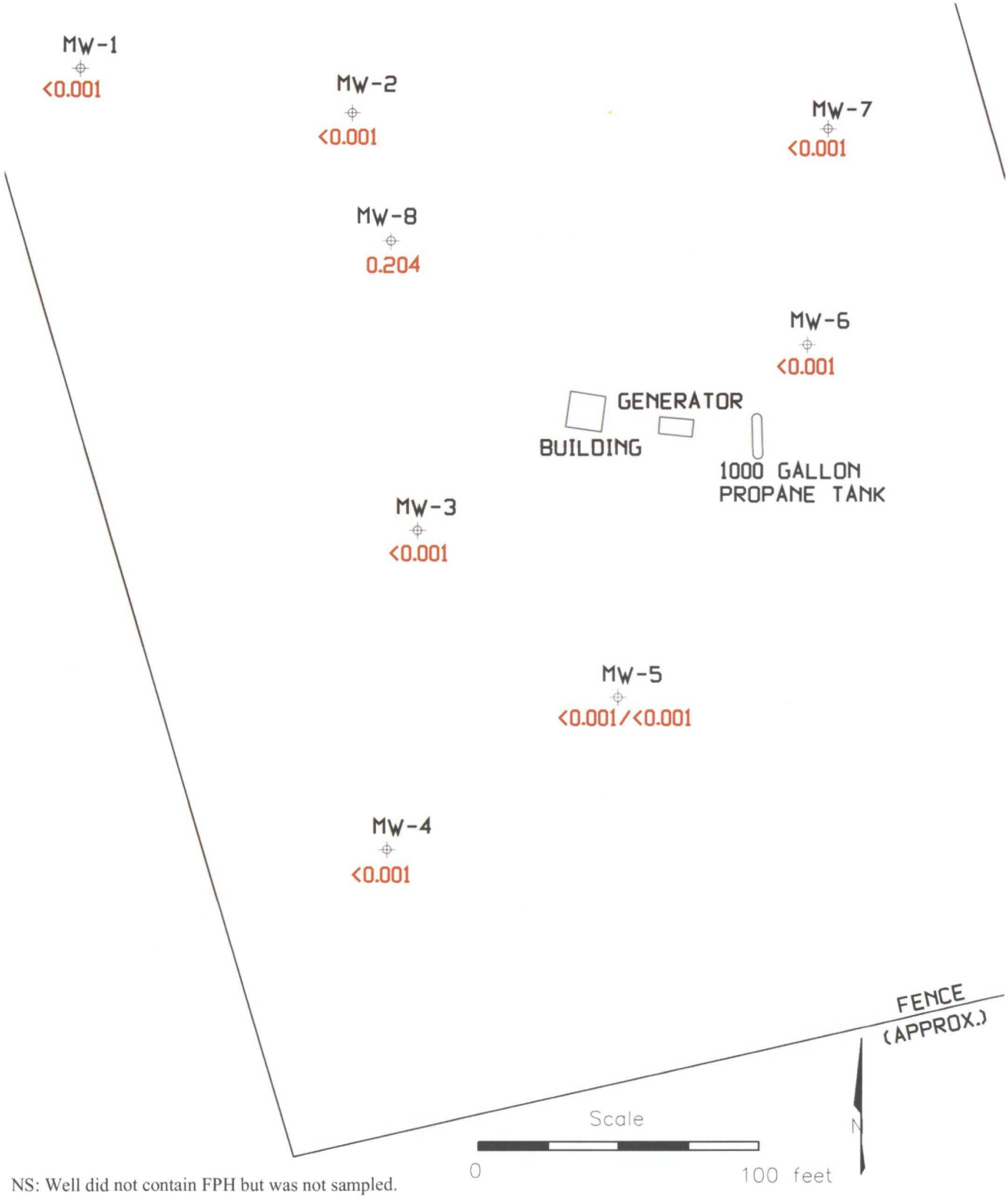


Figure 4 -Second Quarter 2010 Water Table Elevations

X Line Groundwater Monitoring

dcp Midstream.

DRAWN BY: MHS
REVISED:
DATE: 8/11



NS: Well did not contain FPH but was not sampled.

Figure 5 - Second Quarter 2011 Benzene Concentrations (mg/l)

X Line Groundwater Monitoring

dcp Midstream.

DRAWN BY:	MHS
REVISED:	
DATE:	8/11

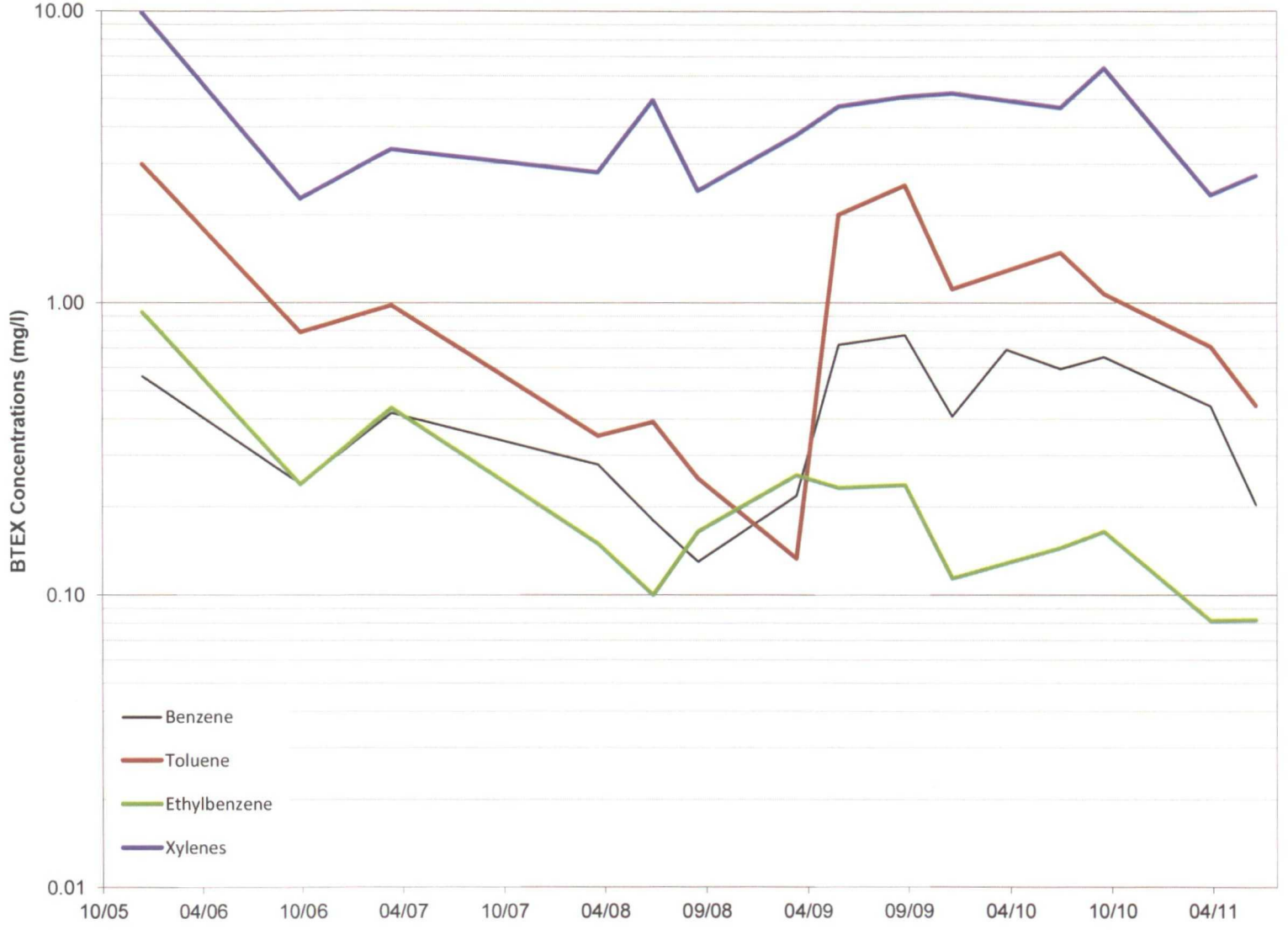


Figure 6 – BTEX Concentrations in MW-8

X-Line Monitoring

dcp Midstream

DRAWN BY: MHS

DATE: 8/11

FIELD SAMPLING FORMS
AND
LABORATORY ANALYTICAL REPORT

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 6/22/2011

PROJECT NO. _____ SAMPLER: M Stewart

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: 77.34 Feet

HEIGHT OF WATER COLUMN: 13.66 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
	2.8	22.5	0.44	7.98			
	5.6	21.9	0.45	7.97			
	7.4	21.9	0.45	7.97			

SAMPLE NO.: MW-1

ANALYSES: BTEX (8260)

COMMENTS: _____

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 6/22/2011

PROJECT NO. _____ SAMPLER: M Stewart

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: 77.34 Feet
HEIGHT OF WATER COLUMN: 10.66 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
	2.1	21	0.59	7.59			
	4.2	21.1	0.59	7.59			
	6.3	20.3	0.59	7.60			

SAMPLE NO.: MW-2

ANALYSES: BTEX (8260)

COMMENTS: _____

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 6/22/2011

PROJECT NO. _____ SAMPLER: M Stewart

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
	2.6	21.1	0.54	7.62			
	5.2	21.1	0.54	7.63			
	7.8	20.8	0.54	7.61			

SAMPLE NO.: MW-3

ANALYSES: BTEX (8260)

COMMENTS: _____

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 6/22/2011

PROJECT NO. _____ SAMPLER: M Stewart

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

SAMPLING METHOD: Dedicated Bailer Direct from Discharge Hose Other:

☑ SCRIBE ☐ EQUIPME ☐ DECONTAMINATION ☐ METHOD BEFORE SAMPLING THE WELL:

Gloves Alconox Distilled Water Rinse Other: _____

TOTAL DEPTH OF WELL: 91.00 Feet
DEPTH TO WATER: 77.50 Feet
HEIGHT OF WATER COLUMN: 13.50 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
	2.7	21.9	0.44	7.91			
	5.4	20.9	0.04	7.94			
	8.1	20.3	0.43	7.93			

SAMPLE NO.: MW-4

ANALYSES: BTEX (8260)

COMMENTS: _____

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 6/22/2011

PROJECT NO. _____ SAMPLER: M Stewart

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

SAMPLING METHOD: Dedicated Bailer Direct from Discharge Hose Other:

☑ SCRIBE ☐ EQUIPME ☐ DECONTAMINATION ☐ METHOD BEFORE SAMPLING THE WELL:

Gloves Alconox Distilled Water Rinse Other: _____

TOTAL DEPTH OF WELL: 89.00 Feet
DEPTH TO WATER: 77.16 Feet
HEIGHT OF WATER COLUMN: 11.84 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
	2.5	21.3	0.51	7.71			
	5.0	21.1	0.51	7.71			
1255	7.5	21.0	0.51	7.70			

SAMPLE NO.: MW-5

ANALYSES: BTEX (8260)

COMMENTS: Collected duplicate sample

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 6/22/2011

PROJECT NO. _____ SAMPLER: M Stewart

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: 77.07 Feet
HEIGHT OF WATER COLUMN: 12.93 Feet
WELL DIAMETER: 2.0 Inch

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

TIME	VOLUME PURGED	TEMP. °C	COND. *m* S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	2.7	20.7	0.44	7.82			
	5.4	21.2	0.45	7.81			
	8.1	20.5	0.44	7.84			

SAMPLE NO.: MW-6

ANALYSES: BTEX (8260)

COMMENTS: _____

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 6/22/2011

PROJECT NO. _____ SAMPLER: M Stewart

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

SAMPLING METHOD: Dedicated Bailer Direct from Discharge Hose Other:

☑ SCRIBE ☐ EQUIPME ☐ DECONTAMINATION ☐ METHOD BEFORE SAMPLING THE WELL:

Gloves Alconox Distilled Water Rinse Other: _____

TOTAL DEPTH OF WELL: 85.00 Feet
DEPTH TO WATER: 76.63 Feet
HEIGHT OF WATER COLUMN: 8.37 Feet
WELL DIAMETER: 2.0 Inch

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

TIME	VOLUME PURGED	TEMP. °C	COND. *m* S/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	2.7	21.7	0.45	7.89			
	5.4	20.3	0.47	7.91			
	8.1	20.7	0.47	7.91			

SAMPLE NO.: MW-7

ANALYSES: BTEX (8260)

COMMENTS: Collected sample MW-7 MS/MSD for matrix-spike/matrix spike duplicate evaluation

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 6/22/2011

PROJECT NO. _____ SAMPLER: M Stewart

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: 84.00 Feet

DEPTH TO WATER: 78.30 Feet

HEIGHT OF WATER COLUMN: 5.70 Feet

WELL DIAMETER: 4.0 Inch

11.2 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
	0.5						

SAMPLE NO.: MW-8

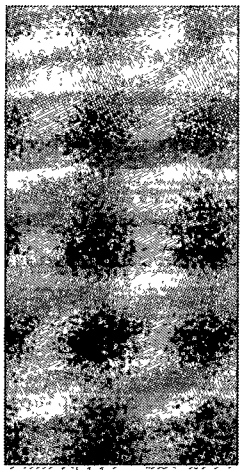
ANALYSES: BTEX (8260)

COMMENTS: No paramenters due to insufficient water at the completion of sampling

Well bailed dry and allowed to recover

Mountain States ACCUTEST LABORATORIES

06/30/11



Technical Report for

DCP Midstream, LP

AECCOL: Xline Etcheverry Ranch Proj#400228028

RC-GN00

Accutest Job Number: D24765

Sampling Date: 06/22/11

Report to:

AECOM
6885 S Marshall Street Suite 3
Littleton, CO 80128
mstewart@aecdenver.com; swweathers@dcpmidstream.com

ATTN: Mike Stewart

Total number of pages in report: **32**

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.

Table of Contents

Sections: 1 2 3 4

-1-

Sample Summary

DCP Midstream, LP

Job No: D24765

AECCOL: Xline Etcheverry Ranch Proj#400228028
Project No: RC-GN00

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
D24765-1	06/22/11	14:05	NQ	06/23/11	AQ	Ground Water	MW-1
D24765-2	06/22/11	14:35	NQ	06/23/11	AQ	Ground Water	MW-2
D24765-3	06/22/11	17:15	NQ	06/23/11	AQ	Ground Water	MW-3
D24765-4	06/22/11	16:45	NQ	06/23/11	AQ	Ground Water	MW-4
D24765-5	06/22/11	16:15	NQ	06/23/11	AQ	Ground Water	MW-5
D24765-6	06/22/11	15:45	NQ	06/23/11	AQ	Ground Water	MW-6
D24765-7	06/22/11	15:15	NQ	06/23/11	AQ	Ground Water	MW-7
D24765-7D	06/22/11	15:15	NQ	06/23/11	AQ	Water Dup/MSD	MW-7
D24765-7M	06/22/11	15:15	NQ	06/23/11	AQ	Water Matrix Spike	MW-7
D24765-8	06/22/11	17:30	NQ	06/23/11	AQ	Ground Water	MW-8
D24765-9	06/22/11	00:00	NQ	06/23/11	AQ	Ground Water	DUP
D24765-10	06/22/11	00:00	NQ	06/23/11	AQ	Ground Water	TRIP BLANK

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	D24765-1	Date Sampled:	06/22/11
Matrix:	AQ - Ground Water	Date Received:	06/23/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch Proj#400228028		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V07441.D	1	06/25/11	DC	n/a	n/a	V7V393
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00050	mg/l	
1330-20-7	Xylene (total)	ND	0.0040	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		63-130%
2037-26-5	Toluene-D8	103%		68-130%
460-00-4	4-Bromofluorobenzene	86%		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

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	D24765-2	Date Sampled:	06/22/11
Matrix:	AQ - Ground Water	Date Received:	06/23/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch Proj#400228028		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V07442.D	1	06/25/11	DC	n/a	n/a	V7V393
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0164	0.0020	0.00050	mg/l	
1330-20-7	Xylene (total)	0.185	0.0040	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		63-130%
2037-26-5	Toluene-D8	103%		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

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	D24765-3	Date Sampled:	06/22/11
Matrix:	AQ - Ground Water	Date Received:	06/23/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch Proj#400228028		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V07443.D	1	06/25/11	DC	n/a	n/a	V7V393
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00050	mg/l	
1330-20-7	Xylene (total)	ND	0.0040	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	96%		63-130%
2037-26-5	Toluene-D8	102%		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

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	D24765-4	Date Sampled:	06/22/11
Matrix:	AQ - Ground Water	Date Received:	06/23/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch Proj#400228028		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V07444.D	1	06/25/11	DC	n/a	n/a	V7V393
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00050	mg/l	
1330-20-7	Xylene (total)	ND	0.0040	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	94%		63-130%
2037-26-5	Toluene-D8	102%		68-130%
460-00-4	4-Bromofluorobenzene	86%		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

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	D24765-5	Date Sampled:	06/22/11
Matrix:	AQ - Ground Water	Date Received:	06/23/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch Proj#400228028		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V07445.D	1	06/25/11	DC	n/a	n/a	V7V393
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00050	mg/l	
1330-20-7	Xylene (total)	ND	0.0040	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		63-130%
2037-26-5	Toluene-D8	101%		68-130%
460-00-4	4-Bromofluorobenzene	86%		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

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-6		
Lab Sample ID:	D24765-6	Date Sampled:	06/22/11
Matrix:	AQ - Ground Water	Date Received:	06/23/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch Proj#400228028		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V12626.D	1	06/28/11	DC	n/a	n/a	V3V706
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00050	mg/l	
1330-20-7	Xylene (total)	ND	0.0040	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	80%		63-130%
2037-26-5	Toluene-D8	84%		68-130%
460-00-4	4-Bromofluorobenzene	79%		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

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	D24765-7	Date Sampled:	06/22/11
Matrix:	AQ - Ground Water	Date Received:	06/23/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch Proj#400228028		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V07455.D	1	06/25/11	DC	n/a	n/a	V7V394
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00050	mg/l	
1330-20-7	Xylene (total)	ND	0.0040	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	89%		63-130%
2037-26-5	Toluene-D8	102%		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

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	D24765-8	Date Sampled:	06/22/11
Matrix:	AQ - Ground Water	Date Received:	06/23/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch Proj#400228028		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V07484.D	5	06/26/11	DC	n/a	n/a	V7V395
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	0.204	0.0050	0.0013	mg/l	
108-88-3	Toluene	0.444	0.010	0.0050	mg/l	
100-41-4	Ethylbenzene	0.0822	0.010	0.0025	mg/l	
1330-20-7	Xylene (total)	2.72	0.020	0.010	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	92%		63-130%
2037-26-5	Toluene-D8	105%		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

Accutest Laboratories

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	D24765-9	Date Sampled:	06/22/11
Matrix:	AQ - Ground Water	Date Received:	06/23/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch Proj#400228028		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V07483.D	1	06/26/11	DC	n/a	n/a	V7V395
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00050	mg/l	
1330-20-7	Xylene (total)	ND	0.0040	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	94%		63-130%
2037-26-5	Toluene-D8	101%		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

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	D24765-10	Date Sampled:	06/22/11
Matrix:	AQ - Ground Water	Date Received:	06/23/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	AECCOL: Xline Etcheverry Ranch Proj#400228028		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V07482.D	1	06/26/11	DC	n/a	n/a	V7V395
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00050	mg/l	
1330-20-7	Xylene (total)	ND	0.0040	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	91%		63-130%
2037-26-5	Toluene-D8	103%		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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

PAGE 1 OF 1

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 # D24765

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 #: 303-805-1718
Sampler(s) Name(s):

Project Information

Project Name: DCP XLINE
Etcheverry Ranch
Street:
City: State:
Project #: RC - GN00 Project - 400228028
Client Purchase Order #:
Project Manager:

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		6/22/11	1408	NR	GW	3	3								X		01
	MW-2		↓	1435	↓	GW	3	3								X		02
	MW-3			1715		GW	3	3								X		03
	MW-4			1645		GW	3	3								X		04
	MW-5			1615		GW	3	3								X		05
	MW-6			1545		GW	3	3								X		06
	MW-7			1505		GW	3	3								X		07
	MW-8			1730		GW	3	3								X		08
	DUP		↓	0	↓	GW	3	3								X		09
	MW-7 MS/MSD					GW	6	6									X	07MSMSD
	Trip Blank						1									X		10

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

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 [signature]	6/23/11	1 Jacob Porter 6/23/11	2 1100		2
3		3	4		4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # HD	Intact ☒ / Not Intact ☐	Preserved where applicable ☒ On Ice ☒ Cooler Temp. 5.9

3.1

D24765: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: D24765 **Client:** AMERICAN ENV CONSULTING **Immediate Client Services Action Required:** No

Date / Time Received: 6/23/2011 11.00:00 AM **No. Coolers:** 1 **Client Service Action Required at Login:** No

Project: DCP XLINE **Airbill #'s:** HD

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

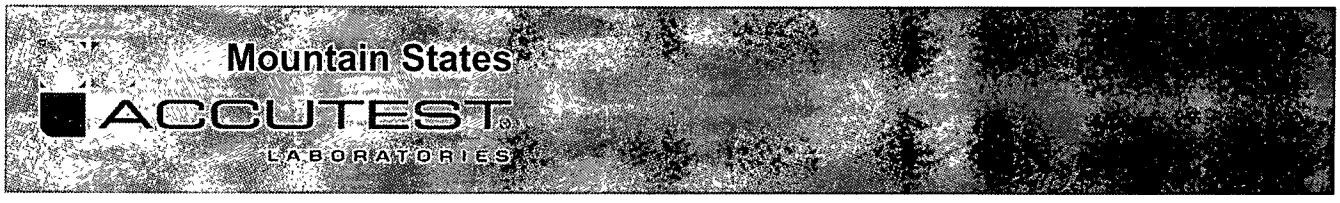
Accutest Laboratories
V (303) 425-6021

4036 Youngfield Street
F (303) 425-6854

Wheat Ridge, CO
www/accutest com

3.1

D24765: Chain of Custody
Page 2 of 2



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: D24765
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V393-MB	7V07428.D	1	06/24/11	DC	n/a	n/a	V7V393

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

D24765-1, D24765-2, D24765-3, D24765-4, D24765-5

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.25	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.50	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	4.0	2.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	86%	63-130%
2037-26-5	Toluene-D8	101%	68-130%
460-00-4	4-Bromofluorobenzene	87%	61-130%

Method Blank Summary

Job Number: D24765
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V394-MB	7V07453.D	1	06/25/11	DC	n/a	n/a	V7V394

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

D24765-7

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.25	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.50	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	4.0	2.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	90%	63-130%
2037-26-5	Toluene-D8	105%	68-130%
460-00-4	4-Bromofluorobenzene	89%	61-130%

Method Blank Summary

Job Number: D24765
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V395-MB	7V07472.D	1	06/26/11	DC	n/a	n/a	V7V395

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

D24765-8, D24765-9, D24765-10

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.25	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.50	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	4.0	2.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	88%	63-130%
2037-26-5	Toluene-D8	104%	68-130%
460-00-4	4-Bromofluorobenzene	88%	61-130%

Method Blank Summary

Job Number: D24765
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V706-MB	3V12616.D	1	06/28/11	DC	n/a	n/a	V3V706

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

D24765-6

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.25	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.50	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	4.0	2.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	80%	63-130%
2037-26-5	Toluene-D8	84%	68-130%
460-00-4	4-Bromofluorobenzene	80%	61-130%

Blank Spike Summary

Job Number: D24765
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V393-BS	7V07429.D	1	06/24/11	DC	n/a	n/a	V7V393

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

D24765-1, D24765-2, D24765-3, D24765-4, D24765-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	50.6	101	70-130
100-41-4	Ethylbenzene	50	53.6	107	70-130
108-88-3	Toluene	50	49.3	99	70-140
1330-20-7	Xylene (total)	100	101	101	55-134

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	89%	63-130%
2037-26-5	Toluene-D8	104%	68-130%
460-00-4	4-Bromofluorobenzene	99%	61-130%

Blank Spike Summary

Job Number: D24765
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V394-BS	7V07454.D	1	06/25/11	DC	n/a	n/a	V7V394

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

D24765-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	50.3	101	70-130
100-41-4	Ethylbenzene	50	54.8	110	70-130
108-88-3	Toluene	50	49.4	99	70-140
1330-20-7	Xylene (total)	100	103	103	55-134

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	90%	63-130%
2037-26-5	Toluene-D8	104%	68-130%
460-00-4	4-Bromofluorobenzene	98%	61-130%

Blank Spike Summary

Job Number: D24765
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V395-BS	7V07473.D	1	06/26/11	DC	n/a	n/a	V7V395

4.2.3

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

D24765-8, D24765-9, D24765-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	48.3	97	70-130
100-41-4	Ethylbenzene	50	51.2	102	70-130
108-88-3	Toluene	50	47.5	95	70-140
1330-20-7	Xylene (total)	100	97.4	97	55-134

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	91%	63-130%
2037-26-5	Toluene-D8	104%	68-130%
460-00-4	4-Bromofluorobenzene	97%	61-130%

Blank Spike Summary

Job Number: D24765
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V706-BS	3V12617.D	1	06/28/11	DC	n/a	n/a	V3V706

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

D24765-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	48.5	97	70-130
100-41-4	Ethylbenzene	50	48.1	96	70-130
108-88-3	Toluene	50	48.4	97	70-140
1330-20-7	Xylene (total)	100	95.5	96	55-134

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	81%	63-130%
2037-26-5	Toluene-D8	84%	68-130%
460-00-4	4-Bromofluorobenzene	82%	61-130%

Blank Spike Summary

Job Number: D24765
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V706-BS	3V12618.D	1	06/28/11	DC	n/a	n/a	V3V706

4.2.5

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

D24765-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	82%	63-130%
2037-26-5	Toluene-D8	85%	68-130%
460-00-4	4-Bromofluorobenzene	78%	61-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D24765
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D24764-3MS	7V07431.D	1	06/24/11	DC	n/a	n/a	V7V393
D24764-3MSD	7V07432.D	1	06/25/11	DC	n/a	n/a	V7V393
D24764-3	7V07430.D	1	06/24/11	DC	n/a	n/a	V7V393

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

D24765-1, D24765-2, D24765-3, D24765-4, D24765-5

CAS No.	Compound	D24764-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	51.9	104	52.9	106	2	59-132/30
100-41-4	Ethylbenzene	ND		50	55.5	111	56.7	113	2	68-130/30
108-88-3	Toluene	ND		50	50.2	100	51.1	102	2	56-142/30
1330-20-7	Xylene (total)	ND		100	104	104	107	107	3	36-146/30

CAS No.	Surrogate Recoveries	MS	MSD	D24764-3	Limits
17060-07-0	1,2-Dichloroethane-D4	87%	87%	87%	63-130%
2037-26-5	Toluene-D8	102%	101%	102%	68-130%
460-00-4	4-Bromofluorobenzene	97%	97%	87%	61-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D24765
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D24765-7MS	7V07456.D	1	06/25/11	DC	n/a	n/a	V7V394
D24765-7MSD	7V07457.D	1	06/25/11	DC	n/a	n/a	V7V394
D24765-7	7V07455.D	1	06/25/11	DC	n/a	n/a	V7V394

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

D24765-7

CAS No.	Compound	D24765-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	48.5	97	49.1	98	1	59-132/30
100-41-4	Ethylbenzene	ND		50	54.1	108	55.0	110	2	68-130/30
108-88-3	Toluene	ND		50	47.7	95	48.4	97	1	56-142/30
1330-20-7	Xylene (total)	ND		100	102	102	105	105	3	36-146/30

CAS No.	Surrogate Recoveries	MS	MSD	D24765-7	Limits
17060-07-0	1,2-Dichloroethane-D4	89%	86%	89%	63-130%
2037-26-5	Toluene-D8	103%	104%	102%	68-130%
460-00-4	4-Bromofluorobenzene	99%	100%	88%	61-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D24765
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D24766-4MS	7V07475.D	1	06/26/11	DC	n/a	n/a	V7V395
D24766-4MSD	7V07476.D	1	06/26/11	DC	n/a	n/a	V7V395
D24766-4	7V07474.D	1	06/26/11	DC	n/a	n/a	V7V395

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

D24765-8, D24765-9, D24765-10

CAS No.	Compound	D24766-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	49.5	99	49.0	98	1	59-132/30
100-41-4	Ethylbenzene	ND		50	52.5	105	52.9	106	1	68-130/30
108-88-3	Toluene	ND		50	48.3	97	47.7	95	1	56-142/30
1330-20-7	Xylene (total)	ND		100	99.2	99	98.5	99	1	36-146/30

CAS No.	Surrogate Recoveries	MS	MSD	D24766-4	Limits
17060-07-0	1,2-Dichloroethane-D4	88%	89%	89%	63-130%
2037-26-5	Toluene-D8	104%	105%	104%	68-130%
460-00-4	4-Bromofluorobenzene	96%	98%	88%	61-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D24765
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D24783-12MS	3V12620.D	10	06/28/11	DC	n/a	n/a	V3V706
D24783-12MSD	3V12621.D	10	06/28/11	DC	n/a	n/a	V3V706
D24783-12	3V12619.D	10	06/28/11	DC	n/a	n/a	V3V706
D24783-12	3V12624.D	50	06/28/11	DC	n/a	n/a	V3V706

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

D24765-6

CAS No.	Compound	D24783-12 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	5610 [b]		500	5190	-84* [a]	5280	-66* [a]	2	59-132/30
100-41-4	Ethylbenzene	220		500	629	82	650	86	3	68-130/30
108-88-3	Toluene	ND		500	447	89	456	91	2	56-142/30
1330-20-7	Xylene (total)	ND		1000	887	89	921	92	4	36-146/30

CAS No.	Surrogate Recoveries	MS	MSD	D24783-12	D24783-12	Limits
17060-07-0	1,2-Dichloroethane-D4	77%	77%	78%	79%	63-130%
2037-26-5	Toluene-D8	83%	83%	83%	85%	68-130%
460-00-4	4-Bromofluorobenzene	78%	78%	79%	78%	61-130%

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

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D24765
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D24783-12MS	3V12622.D	10	06/28/11	DC	n/a	n/a	V3V706
D24783-12MSD	3V12623.D	50	06/28/11	DC	n/a	n/a	V3V706
D24783-12	3V12619.D	10	06/28/11	DC	n/a	n/a	V3V706
D24783-12	3V12624.D	50	06/28/11	DC	n/a	n/a	V3V706

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

D24765-6

CAS No.	Compound	D24783-12 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD

CAS No.	Surrogate Recoveries	MS	MSD	D24783-12	D24783-12	Limits
17060-07-0	1,2-Dichloroethane-D4	79%	77%	78%	79%	63-130%
2037-26-5	Toluene-D8	84%	84%	83%	85%	68-130%
460-00-4	4-Bromofluorobenzene	77%	79%	79%	78%	61-130%