1RP-400-0

3rd QTR 2010 GW Monitoring results

DATE:
December 17, 2010

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

December 17, 2010

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

RE: 3rd 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 3rd 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 3931 3926 3266**
Larry Johnson, OCD Hobbs District Office (Copy on CD)
Environmental Files

AEC AMERICAN ENVIRONMENTAL CONSULTING, LLC

November 22, 2010

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

Re: Third 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 quarterly groundwater monitoring activities completed September 13, 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.

Unfiltered samples were collected from each well upon stabilization except for well MW-8 that was bailed down to within 6 inches of it bottom. 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-8.

The samples were placed in an ice-filled chest immediately upon collection and documented using standard chain-of-custody protocol. The samples were delivered 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 both increase and decreased slightly across the site. The water-table elevations remain at the upper end of the fluctuation range measured over the duration of this project.

No free phase hydrocarbons (FPH) were 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 at a thickness greater than 0.01 feet since December 2008.

A water-table contour map based upon the sampling event 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.

The laboratory report is attached. The Quality Assurance data for the sampling event was reviewed. Important quality control evaluations include:

- The samples were all analyzed within the required 14-day holding time;
- None of the individual surrogate spikes were outside their control ranges;
- The method blank and blank spike evaluations were within their respective control limits.
- The matrix spike and the matrix spike duplicate results for MW-7 were all within their acceptable ranges.
- The BTEX relative percentage difference values for primary and duplicate samples from MW-8 had that were less than 10 percent.

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

Table 4 summarizes the sampling results for this event. 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 any of the wells except MW-2 and MW-8.
4. MW-2 contained ethylbenzene and xylenes above the method reporting limit; however, the concentrations were substantially below their respective New Mexico Water Quality Control Commission (NMWQCC) groundwater standards.

5. The MW-8 sample contained benzene, toluene and xylenes at concentrations that exceeded the NMWQCC groundwater standards.

The benzene distribution for this event 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 BTEX concentrations in MW-8 are graphed over time in Figure 6. The benzene toluene and ethylbenzene concentrations have decreased from their spring 2009 highs. The xylenes concentration has continued to increase slightly but it remains below its historic high.

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 was found to be inoperative so it was repaired. Its effectiveness will continue to be evaluated.

The next monitoring episode is scheduled for the fourth 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	6/30/10	9/16/10
MW-1	4089.37	4089.27	4089.35	4089.33	4089.37	4089.28	4089.34	4089.34
MW-2	4089.19	4089.13	4089.24	4089.20	4089.25	4089.19	4089.20	4089.20
MW-3	4088.99	4088.92	4088.07	4088.98	4088.98	4088.97	4088.92	4088.97
MW-4	4088.84	4088.79	4088.91	4088.87	4088.90	4088.81	4088.85	4088.84
MW-5	4088.77	4088.69	4088.80	4088.75	4088.79	4088.71	4088.73	4088.72
MW-6	4088.84	4088.77	4088.87	4088.82	4088.87	4088.80	4088.78	4088.82
MW-7	4087.82	4087.76	4087.80	4087.90	4087.82	4087.75	4087.87	4087.79

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
03/25/10	0.01
06/30/10	0.00
09/16/10	0.00

Units are feet

Table 4 – Third Quarter 2010 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	0.007	0.0786
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-6	<0.001	<0.002	<0.002	<0.004
MW-7	<0.001	<0.002	<0.002	<0.004
MW-8	**0.653**	**1.07**	0.165	**6.37**
MW-8 Dup	**0.685**	**1.07**	0.150	**6.62**

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

Well	6/30/10	9/16/10
MW-1	<0.0003	<0.001
MW-2	<0.0003	<0.001
MW-3	<0.0003	<0.001
MW-4	<0.0003	<0.001
MW-5	<0.0003	<0.001
MW-6	<0.0003	<0.001
MW-7	<0.0003	<0.001
MW-8	0.594	0.653

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

Well	6/30/10	9/16/10
MW-1	<0.001	<0.002
MW-2	<0.001	<0.002
MW-3	<0.001	<0.002
MW-4	<0.001	<0.002
MW-5	<0.001	<0.002
MW-6	<0.001	<0.002
MW-7	<0.001	<0.002
MW-8	1.48	1.07

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

Well	6/30/10	9/16/10
MW-1	<0.0003	<0.002
MW-2	0.0062	0.007
MW-3	<0.0003	<0.002
MW-4	<0.0003	<0.002
MW-5	<0.0003	<0.002
MW-6	<0.0003	<0.002
MW-7	<0.0003	<0.002
MW-8	0.145	0.165

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

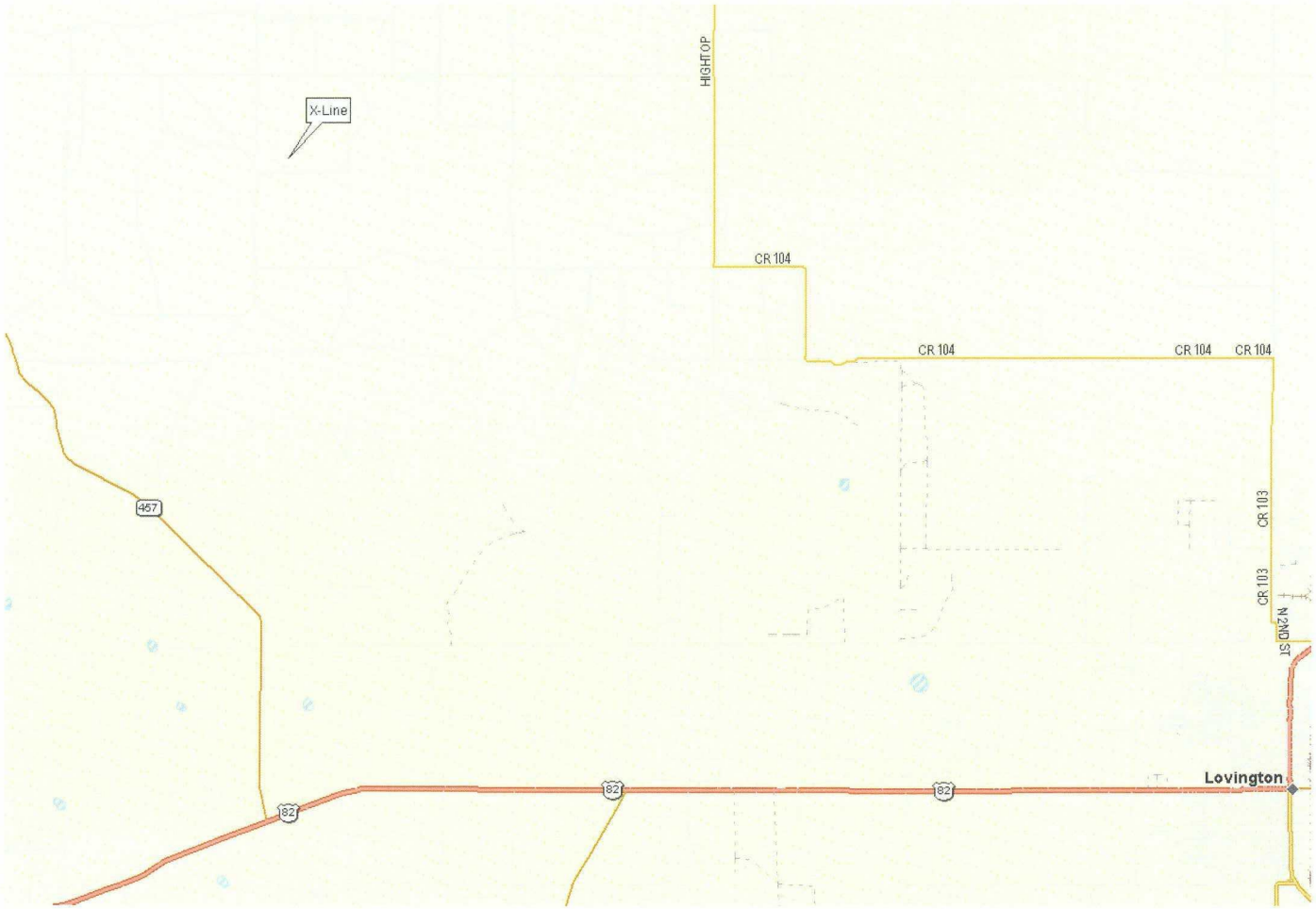
Well	4/24/02	5/21/02	4/28/03	6/19/03	7/17/03	8/20/03	9/22/03	10/29/03	11/20/03	2/18/04	6/25/04	10/18/04	12/9/04	3/3/05	6/3/05	9/28/05	12/12/05
MW-1	<0.006	<0.006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0514	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2	0.38	1.27	0.133	0.103	0.186	0.179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

Well	6/30/10	9/16/10
MW-1	<0.0006	<0.004
MW-2	0.0417	0.0786
MW-3	<0.0006	<0.004
MW-4	<0.0006	<0.004
MW-5	<0.0006	<0.004
MW-6	<0.0006	<0.004
MW-7	<0.0006	<0.004
MW-8	3.49	6.37

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

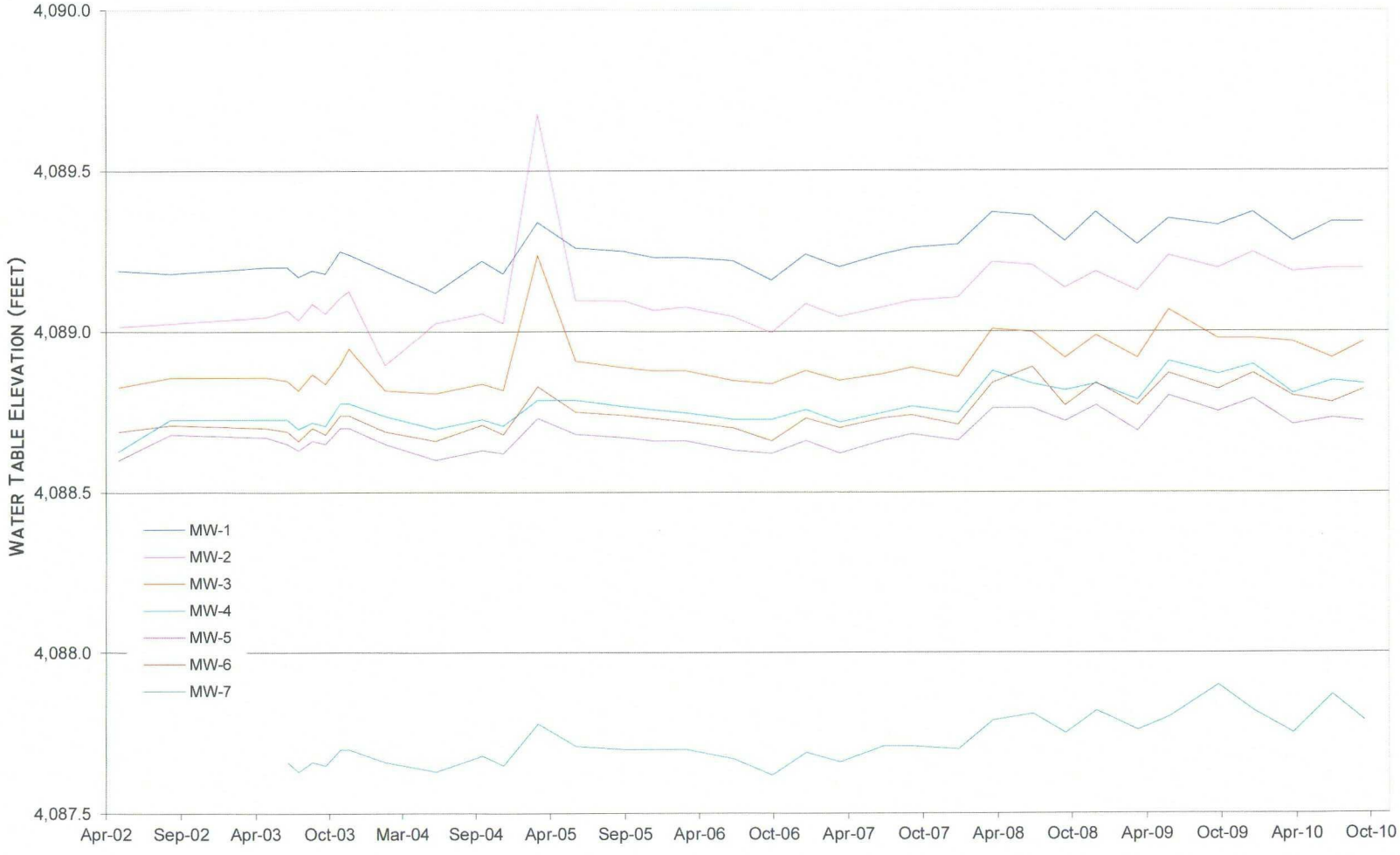


Figure 3 – Well Hydrographs

X-Line Monitoring

DRAWN BY: MHS

DATE: 11/10

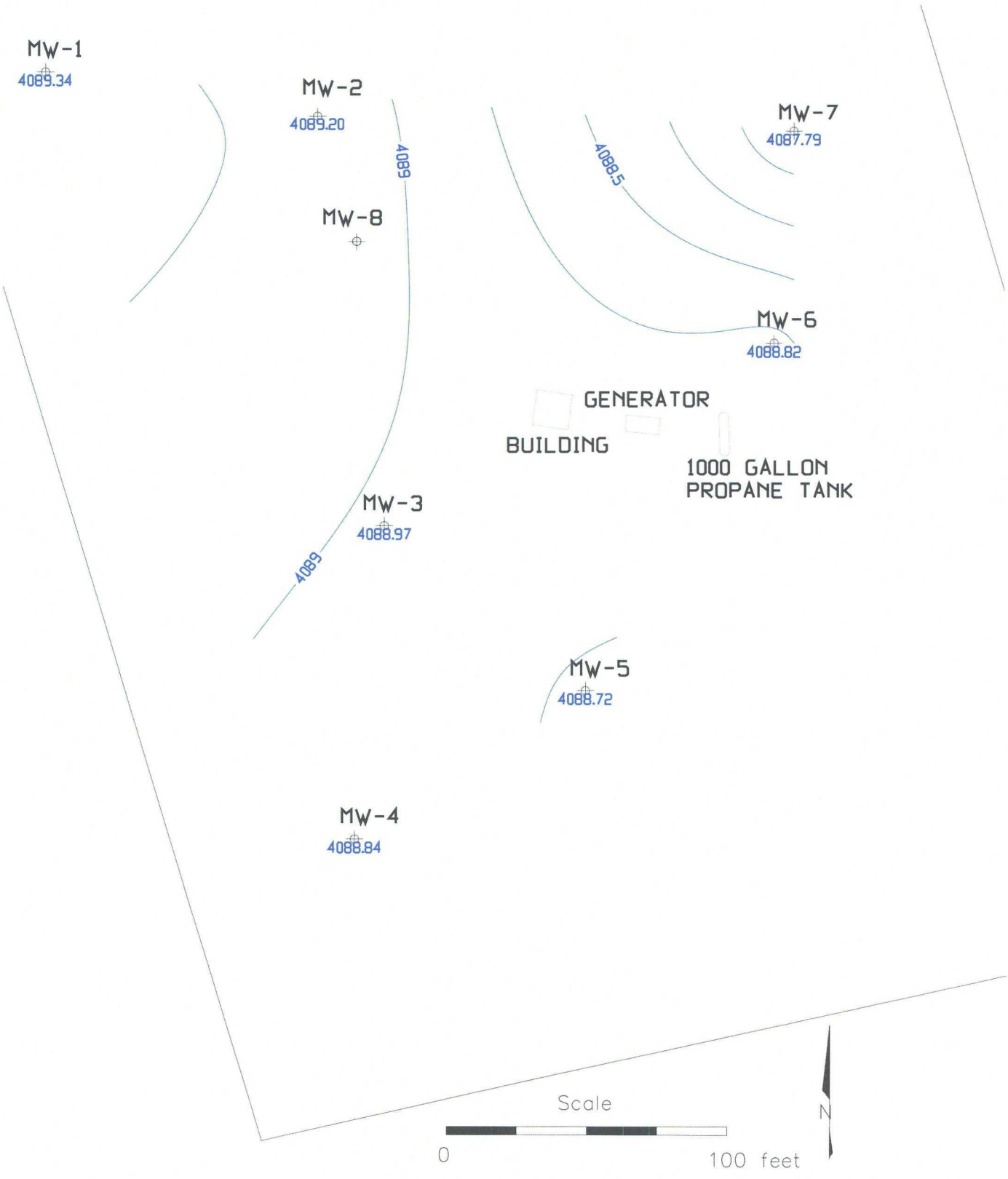


Figure 4 - Third Quarter 2010 Water Table Elevations

X Line Groundwater Monitoring

dcp Midstream.

DRAWN BY:	MHS
REVISED:	
DATE:	11/10

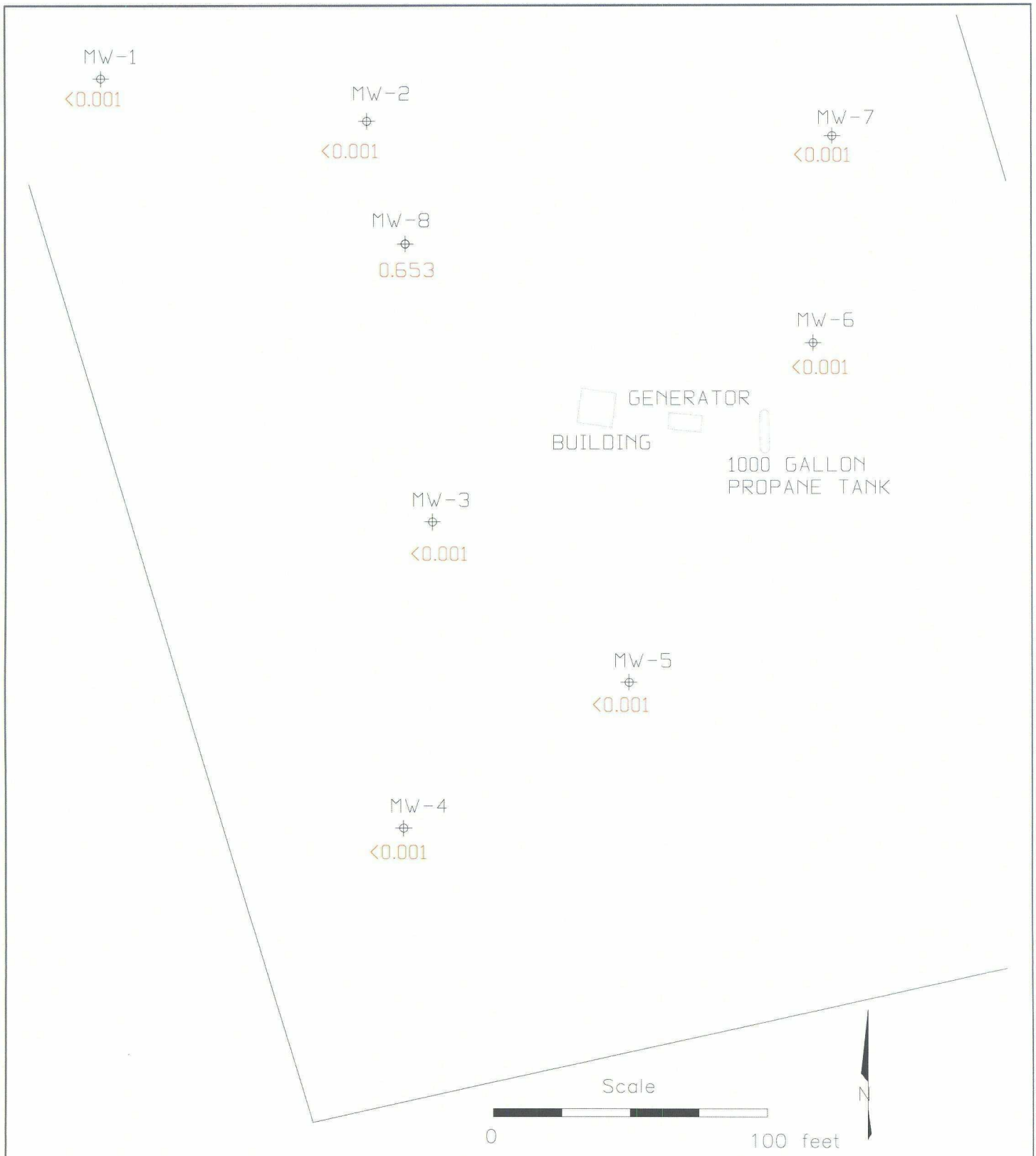


Figure 5 - Third Quarter 2010 Benzene Concentrations (mg/l)

X Line Groundwater Monitoring

dcp Midstream

DRAWN BY:	MHS
REVISED:	
DATE:	11/10

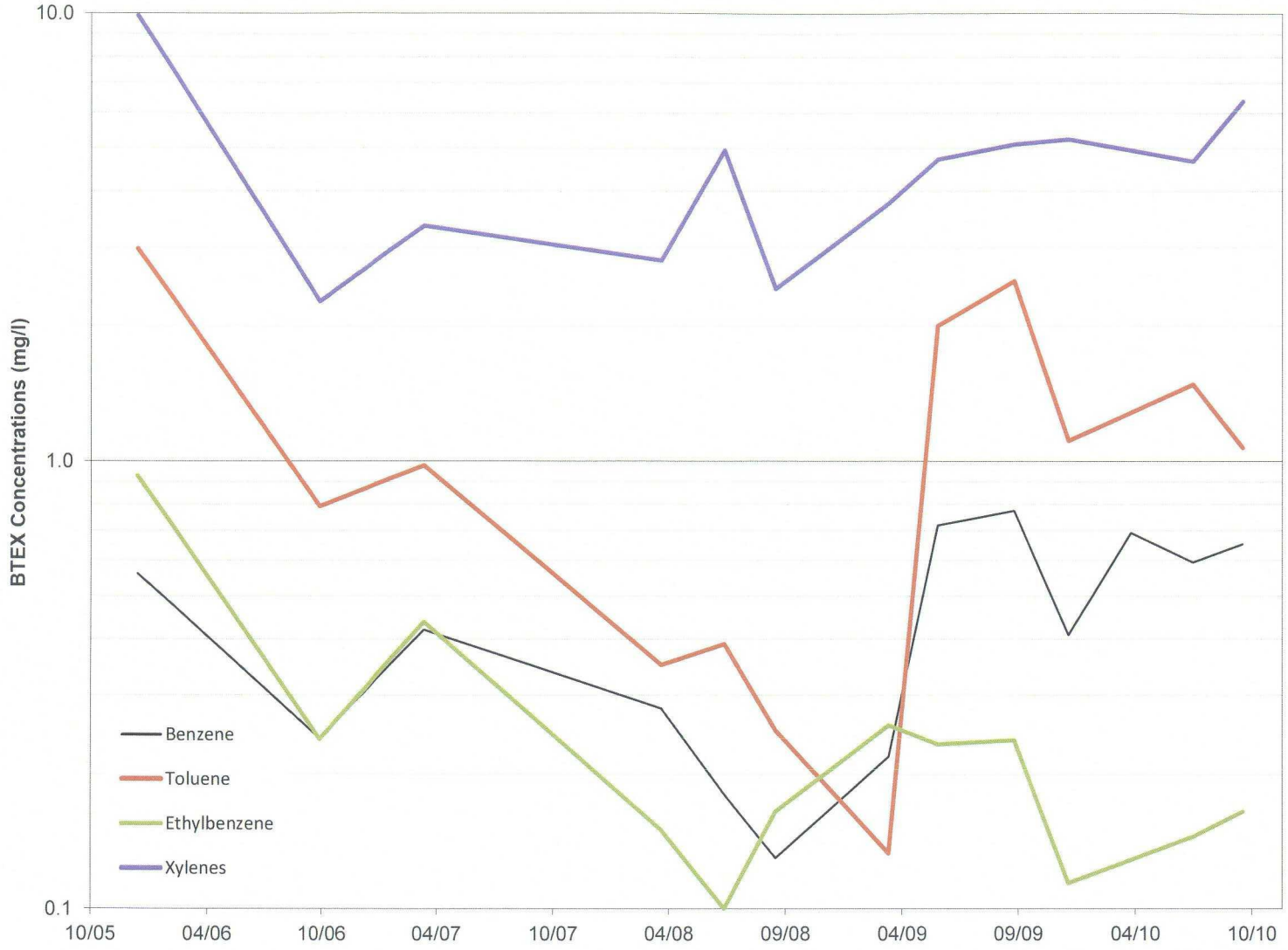


Figure 6 – BTEX Concentrations in MW-8

X-Line Monitoring

dcp Midstream.

DRAWN BY: MHS

DATE: 11/10

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: 9/13/2010

PROJECT NO. _____ SAMPLER: M Stewart/N Quevedo

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: 77.35 Feet
HEIGHT OF WATER COLUMN: 13.65 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	19.7	0.615	7.56			
	5.6	20	0.61	7.60			
1535	7.4	19.5	0.62	7.57			

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: 9/13/2010

PROJECT NO. _____ SAMPLER: M Stewart/N Quevedo

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: 77.32 Feet
HEIGHT OF WATER COLUMN: 10.68 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	19.9	0.815	7.23			
	4.2	19.8	0.74	7.36			
1540	6.3	19.6	0.72	7.43			

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: 9/13/2010

PROJECT NO. _____ SAMPLER: M Stewart/N Quevedo

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	20.6	0.738	7.26			
	5.2	19.8	0.722	7.34			Bailed three volumes then
	7.8	19.7	0.717	7.30			sampled: driving rainstorm

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: 9/13/2010

PROJECT NO. _____ SAMPLER: M Stewart/N Quevedo

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: 77.49 Feet
HEIGHT OF WATER COLUMN: 13.51 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	21.1	0.603	7.57			
	5.4	21.1	0.594	7.57			
	8.1	19.8	0.599	7.59			

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: 9/13/2010

PROJECT NO. _____ SAMPLER: M Stewart/N Quevedo

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: 77.18 Feet
HEIGHT OF WATER COLUMN: 11.82 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
	2.3	20.6	0.678	7.44			
	4.6	19.7	0.67	7.45			
1710	7	19.7	0.67	7.45			

SAMPLE NO.: MW-5

ANALYSES: BTEX (8260)

COMMENTS: _____

DCP MIDSTREAM
X LINE (ETCHEVERRY RANCH)

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 9/13/2010

PROJECT NO. _____ SAMPLER: M Stewart/N Quevedo

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	21.1	0.582	7.55			
	5.4	20.6	0.61	7.43			
1620	8.1	20.2	0.58	7.65			

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: 9/13/2010

PROJECT NO. _____ SAMPLER: M Stewart/N Quevedo

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: 76.64 Feet
HEIGHT OF WATER COLUMN: 8.36 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	22.7	0.65	7.57			
	5.4	21.7	0.63	7.61			
1620	8.1	20.0	0.62	7.59			

SAMPLE NO.: MW-7

ANALYSES: BTEX (8260)

COMMENTS: Collected sample 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: 9/13/2010

PROJECT NO. _____ SAMPLER: M Stewart/N Quevedo

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

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 84.00 Feet
DEPTH TO WATER: 77.21 Feet
HEIGHT OF WATER COLUMN: 6.79 Feet
WELL DIAMETER: 4.0 Inch

13.3 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
							340psi
							2200psi
Bailed Down							0.5 gallons

SAMPLE NO.: MW-8

ANALYSES: BTEX (8260)

COMMENTS: Collected duplicate sample

Mountain States
ACCUTEST
LABORATORIES

09/24/10

Technical Report for

DCP Midstream, LP

AECCOL: Xline Etcheverry Ranch Proj#400228028

GN00

Accutest Job Number: D17402

Sampling Date: 09/13/10

Report to:

American Environmental Consulting, LLC

mstewart@aecdenver.com

ATTN: Michael Stewart

Total number of pages in report: **24**

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

Client Service contact: Amanda Kissell 303-425-6021

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

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Sections:

Table of Contents

-1-

Sample Summary

DCP Midstream, LP

Job No: D17402

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

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
D17402-1	09/13/10	15:35 SW	09/15/10	AQ	Ground Water	MW1
D17402-2	09/13/10	15:40 SW	09/15/10	AQ	Ground Water	MW2
D17402-3	09/13/10	17:50 SW	09/15/10	AQ	Ground Water	MW3
D17402-4	09/13/10	17:05 SW	09/15/10	AQ	Ground Water	MW4
D17402-5	09/13/10	17:10 SW	09/15/10	AQ	Ground Water	MW5
D17402-6	09/13/10	16:20 SW	09/15/10	AQ	Ground Water	MW6
D17402-7	09/13/10	16:20 SW	09/15/10	AQ	Ground Water	MW7
D17402-7D	09/13/10	16:20 SW	09/15/10	AQ	Water Dup/MSD	MW7
D17402-7M	09/13/10	16:20 SW	09/15/10	AQ	Water Matrix Spike	MW7
D17402-8	09/13/10	17:50 SW	09/15/10	AQ	Ground Water	MW8
D17402-9	09/13/10	00:00 SW	09/15/10	AQ	Ground Water	DUP
D17402-10	09/13/10	00:00 SW	09/15/10	AQ	Trip Blank Water	TRIP

ACCUTEST Laboratories

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	DCP Midstream, LP	Job No	D17402
Site:	AECCOL: Xline Etcheverry Ranch Proj#400228028	Report Dat	9/22/2010 2:18:14 PM

On 09/15/2010, nine (9) samples, 1 Trip Blank, and 0 Field Blanks were received at Accutest Mountain States (AMS) at a temperature of 5.4°C. The samples were intact and properly preserved, unless noted below. An AMS Job Number of D17402 was assigned to the project. The lab sample IDs, client sample IDs, and dates of sample collection are detailed in the report's Results Summary.

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

Volatiles by GCMS By Method SW846 8260B

Matrix	AQ	Batch ID:	V3V387

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Samples D17392-2MS and D17392-2MSD were used as the QC samples indicated.

Matrix	AQ	Batch ID:	V5V568

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Samples D17402-7MS and D17402-7MSD were used as the QC samples indicated.

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

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

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

Mountain States ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW1		
Lab Sample ID:	D17402-1	Date Sampled:	09/13/10
Matrix:	AQ - Ground Water	Date Received:	09/15/10
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	5V10315.D	1	09/16/10	DC	n/a	n/a	V5V568
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00030	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00030	mg/l	
	m,p-Xylene	ND	0.0040	0.00060	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		63-130%
2037-26-5	Toluene-D8	88%		68-130%
460-00-4	4-Bromofluorobenzene	88%		61-130%

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

Report of Analysis

3.2

Client Sample ID:	MW2		
Lab Sample ID:	D17402-2	Date Sampled:	09/13/10
Matrix:	AQ - Ground Water	Date Received:	09/15/10
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	5V10316.D	1	09/16/10	DC	n/a	n/a	V5V568
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00030	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0070	0.0020	0.00030	mg/l	
	m,p-Xylene	0.0568	0.0040	0.00060	mg/l	
95-47-6	o-Xylene	0.0218	0.0020	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	113%		63-130%
2037-26-5	Toluene-D8	92%		68-130%
460-00-4	4-Bromofluorobenzene	99%		61-130%

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

Report of Analysis

Client Sample ID:	MW3		
Lab Sample ID:	D17402-3	Date Sampled:	09/13/10
Matrix:	AQ - Ground Water	Date Received:	09/15/10
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	5V10317.D	1	09/16/10	DC	n/a	n/a	V5V568
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00030	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00030	mg/l	
	m,p-Xylene	ND	0.0040	0.00060	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%		63-130%
2037-26-5	Toluene-D8	91%		68-130%
460-00-4	4-Bromofluorobenzene	93%		61-130%

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

Report of Analysis

Client Sample ID:	MW4		
Lab Sample ID:	D17402-4	Date Sampled:	09/13/10
Matrix:	AQ - Ground Water	Date Received:	09/15/10
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	5V10318.D	1	09/16/10	DC	n/a	n/a	V5V568
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00030	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00030	mg/l	
	m,p-Xylene	ND	0.0040	0.00060	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	110%		63-130%
2037-26-5	Toluene-D8	93%		68-130%
460-00-4	4-Bromofluorobenzene	92%		61-130%

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

Report of Analysis

Client Sample ID:	MW5		
Lab Sample ID:	D17402-5	Date Sampled:	09/13/10
Matrix:	AQ - Ground Water	Date Received:	09/15/10
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	5V10321.D	1	09/16/10	DC	n/a	n/a	V5V568
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00030	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00030	mg/l	
	m,p-Xylene	ND	0.0040	0.00060	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00060	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	85%		68-130%
460-00-4	4-Bromofluorobenzene	83%		61-130%

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

Report of Analysis

3.6

Client Sample ID:	MW6		
Lab Sample ID:	D17402-6	Date Sampled:	09/13/10
Matrix:	AQ - Ground Water	Date Received:	09/15/10
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	5V10322.D	1	09/16/10	DC	n/a	n/a	V5V568
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00030	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00030	mg/l	
	m,p-Xylene	ND	0.0040	0.00060	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	102%		63-130%
2037-26-5	Toluene-D8	88%		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

Report of Analysis

Client Sample ID:	MW7		
Lab Sample ID:	D17402-7	Date Sampled:	09/13/10
Matrix:	AQ - Ground Water	Date Received:	09/15/10
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	5V10312.D	1	09/16/10	DC	n/a	n/a	V5V568
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00030	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00030	mg/l	
	m,p-Xylene	ND	0.0040	0.00060	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00060	mg/l	
1330-20-7	Xylene (total)	ND	0.0020	0.00060	mg/l	

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

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

Report of Analysis

Client Sample ID:	MW8		
Lab Sample ID:	D17402-8	Date Sampled:	09/13/10
Matrix:	AQ - Ground Water	Date Received:	09/15/10
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	5V10323.D	20	09/16/10	DC	n/a	n/a	V5V568
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	0.653	0.020	0.0060	mg/l	
108-88-3	Toluene	1.07	0.040	0.020	mg/l	
100-41-4	Ethylbenzene	0.165	0.040	0.0060	mg/l	
	m,p-Xylene	4.58	0.080	0.012	mg/l	
95-47-6	o-Xylene	1.79	0.040	0.012	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	90%		63-130%
2037-26-5	Toluene-D8	85%		68-130%
460-00-4	4-Bromofluorobenzene	110%		61-130%

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

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	D17402-9	Date Sampled:	09/13/10
Matrix:	AQ - Ground Water	Date Received:	09/15/10
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	5V10324.D	20	09/16/10	DC	n/a	n/a	V5V568
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	0.685	0.020	0.0060	mg/l	
108-88-3	Toluene	1.07	0.040	0.020	mg/l	
100-41-4	Ethylbenzene	0.150	0.040	0.0060	mg/l	
	m,p-Xylene	4.72	0.080	0.012	mg/l	
95-47-6	o-Xylene	1.90	0.040	0.012	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	88%		63-130%
2037-26-5	Toluene-D8	96%		68-130%
460-00-4	4-Bromofluorobenzene	116%		61-130%

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

Report of Analysis

Client Sample ID:	TRIP		
Lab Sample ID:	D17402-10	Date Sampled:	09/13/10
Matrix:	AQ - Trip Blank Water	Date Received:	09/15/10
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	3V07155.D	1	09/17/10	DC	n/a	n/a	V3V387
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00030	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00030	mg/l	
	m,p-Xylene	ND	0.0040	0.00060	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00060	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	93%		68-130%
460-00-4	4-Bromofluorobenzene	85%		61-130%

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

Mountain States ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

D17402

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: 400228028
Accutest Quote #:

Client Information			Facility Information			Analytical Information				
DCP Midstream			American Environment Consulting, LLC							
Name: 370 Seventeenth Street, Suite 2500			Project Name: Xline							
Address: Denver	CO	80202	Location: Etcheverry Ranch							
City: Stephen Weathers	State	Zip	Project/PO #: GN00							
Send Report to: Phone #: 303.605.1718			FAX #:							

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCl	NaOH	HNO3	H2SO4	None	BTEX 8260B	BTEX MS/MSD				
MW-1	9/13	1535	MS	GW	3	X					X					01
MW-2	9/13	1540	MS	GW	3	X					X					02
MW-3	9/13	1750	MS	GW	3	X					X					03
MW-4	9/13	1705	MS	GW	3	X					X					04
MW-5	9/13	1710	MS	GW	3	X					X					05
MW-6	9/13	1620	MS	GW	3	X					X					06
MW-7	9/13	1626	MS	GW	3	X					X					07
MW-8	9/13	1750	MS	GW	3	X					X					08
DUP	9/13	—	—	GW	3	X					X					09
MW-7 MS/MSD	9/13	1620	MS	GW	6	X						X				07MS/SD
TRIP	9/4	LAB		GW	3	X					X					10

Turnaround Information		Data Deliverable Information		Comments / Rem
☐ 21 Day Standard	Approved By:	☐ NJ Reduced	☐ Commercial "A"	

Jacab porter 9/15/13 2:15pm 5.4°C
Fedex

D17402: Chain of Custody
Page 1 of 1

Mountain States ACCUTEST LABORATORIES

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: D17402
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V568-MB1	5V10310.D	1	09/16/10	DC	n/a	n/a	V5V568

5.1.1

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

D17402-1, D17402-2, D17402-3, D17402-4, D17402-5, D17402-6, D17402-7, D17402-8, D17402-9

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.60	ug/l	
	m,p-Xylene	ND	4.0	0.60	ug/l	
95-47-6	o-Xylene	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	93%	63-130%
2037-26-5	Toluene-D8	87%	68-130%
460-00-4	4-Bromofluorobenzene	85%	61-130%

Method Blank Summary

Job Number: D17402
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V387-MB1	3V07153.D	1	09/17/10	DC	n/a	n/a	V3V387

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

D17402-10

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.30	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
	m,p-Xylene	ND	4.0	0.60	ug/l	
95-47-6	o-Xylene	ND	2.0	0.60	ug/l	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	89%	63-130%
2037-26-5	Toluene-D8	92%	68-130%
460-00-4	4-Bromofluorobenzene	84%	61-130%

Blank Spike Summary

Job Number: D17402
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V568-BS1	5V10311.D	1	09/16/10	DC	n/a	n/a	V5V568

5.2.1

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

D17402-1, D17402-2, D17402-3, D17402-4, D17402-5, D17402-6, D17402-7, D17402-8, D17402-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	47.4	95	70-130
100-41-4	Ethylbenzene	50	50.0	100	70-130
108-88-3	Toluene	50	48.4	97	70-140
1330-20-7	Xylene (total)	100	91.6	92	55-134
	m,p-Xylene	50	47.2	94	55-134
95-47-6	o-Xylene	50	44.4	89	55-134

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	87%	63-130%
2037-26-5	Toluene-D8	85%	68-130%
460-00-4	4-Bromofluorobenzene	94%	61-130%

Blank Spike Summary

Job Number: D17402
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V387-BS1	3V07154.D	1	09/17/10	DC	n/a	n/a	V3V387

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

D17402-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	49.7	99	70-130
100-41-4	Ethylbenzene	50	53.3	107	70-130
108-88-3	Toluene	50	51.3	103	70-140
	m,p-Xylene	50	46.6	93	55-134
95-47-6	o-Xylene	50	47.2	94	55-134

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	85%	63-130%
2037-26-5	Toluene-D8	91%	68-130%
460-00-4	4-Bromofluorobenzene	93%	61-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D17402
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D17402-7MS	5V10313.D	1	09/16/10	DC	n/a	n/a	V5V568
D17402-7MSD	5V10314.D	1	09/16/10	DC	n/a	n/a	V5V568
D17402-7	5V10312.D	1	09/16/10	DC	n/a	n/a	V5V568

5.3.1

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

D17402-1, D17402-2, D17402-3, D17402-4, D17402-5, D17402-6, D17402-7, D17402-8, D17402-9

CAS No.	Compound	D17402-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	51.2	102	50.3	101	2	59-132/30
100-41-4	Ethylbenzene	ND		50	53.5	107	52.9	106	1	68-130/30
108-88-3	Toluene	ND		50	53.1	106	51.7	103	3	56-142/30
1330-20-7	Xylene (total)	ND		100	99.3	99	97.3	97	2	36-146/30
	m,p-Xylene	ND		50	50.9	102	49.8	100	2	36-146/30
95-47-6	o-Xylene	ND		50	48.4	97	47.5	95	2	36-146/30

CAS No.	Surrogate Recoveries	MS	MSD	D17402-7	Limits
17060-07-0	1,2-Dichloroethane-D4	92%	92%	97%	63-130%
2037-26-5	Toluene-D8	86%	84%	91%	68-130%
460-00-4	4-Bromofluorobenzene	98%	95%	91%	61-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D17402
Account: DCPMCODN DCP Midstream, LP
Project: AECCOL: Xline Etcheverry Ranch Proj#400228028

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D17392-2MS	3V07157.D	1	09/17/10	DC	n/a	n/a	V3V387
D17392-2MSD	3V07158.D	1	09/17/10	DC	n/a	n/a	V3V387
D17392-2	3V07156.D	1	09/17/10	DC	n/a	n/a	V3V387

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

D17402-10

CAS No.	Compound	D17392-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	53.7	107	53.9	108	0	59-132/30
100-41-4	Ethylbenzene	ND		50	55.1	110	55.5	111	1	68-130/30
108-88-3	Toluene	ND		50	53.4	107	53.4	107	0	56-142/30
	m,p-Xylene	ND		50	47.4	95	47.8	96	1	36-146/30
95-47-6	o-Xylene	ND		50	47.2	94	48.2	96	2	36-146/30

CAS No.	Surrogate Recoveries	MS	MSD	D17392-2	Limits
17060-07-0	1,2-Dichloroethane-D4	88%	90%	90%	63-130%
2037-26-5	Toluene-D8	89%	90%	92%	68-130%
460-00-4	4-Bromofluorobenzene	92%	92%	86%	61-130%