1RP-400

4th Quarter 2008 Groundwater Monitoring

Work Plan

DATE:
02.17.09

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

2009 FEB 19 PM 12 03

February 17, 2009

Mr. Wayne Price
Environmental Bureau Chief
New Mexico Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

RE: 4th Quarter 2008 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. Price:

DCP Midstream, LP (DCP) is pleased to submit for your review, one copy of the 4th Quarter 2008 Groundwater Monitoring Results for the DCP X-Line Pipeline Release located within the Etcheverry Ranch, Lea County, New Mexico.

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

Sincerely

DCP Midstream, LP

Stephen Weathers, PG
Principal Environmental Specialist

cc: Mrs. Etcheverry, Landowner - Certified Mail **91 7108 2133 3932 9094 2963**
Larry Johnson, OCD Hobbs District Office (Copy on CD)
Environmental Files

AEC AMERICAN ENVIRONMENTAL CONSULTING, LLC

January 15, 2009

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

Re: Fourth Quarter 2008 Groundwater Monitoring Summary at the 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 fourth quarter 2008 groundwater monitoring activities completed December 1, 2008 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. Wells MW-1 through MW-7 were sampled. MW-8 contained 0.33 feet of free phase hydrocarbons (FPH). Monitoring well construction information is summarized in Table 1.

The depths to water were initially measured in each well. 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. Each sample was analyzed for benzene, toluene, ethylbenzene and xylenes (BTEX). A field duplicate was collected from well MW-3. A matrix spike/matrix spike duplicate was analyzed from MW-7.

The samples were placed in an ice-filled chest immediately upon collection and documented using standard chain-of-custody protocol. The samples were delivered via Federal Express to ACCUTEST Laboratories in Houston, Texas. All affected purge water was stored on site for ultimate disposal.

The groundwater elevation measurements for all sampling episodes are summarized in Table 2. Hydrographs for wells MW-1 through MW-7 are shown on Figure 3. Figure 3 shows that the water-table elevations increased across the site in a generally uniform fashion. The water-table elevations are approaching the upper end of the fluctuation range established over the duration of this project. Well MW-8 is not included because its casing elevation is not established.

A water-table contour map based upon the fourth quarter 2008 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.

Approximately 0.33 feet (4 inches) of FPH was measured in MW-8 for the first time in a year. The vapor extraction system was restarted as has been done in the past. The system will be run until the 1 week before the next monitoring episode when it will be turned off to ensure accurate FPH evaluation. The FPH thicknesses measured during the entire monitoring program is summarized in Table 3.

Table 4 summarizes the fourth quarter 2008 sampling results. A copy of the laboratory report is attached. Examination of Table 4 indicates that:

1. No benzene was detected above the method reporting limit in wells MW- 1 through MW-7.
2. Toluene, ethylbenzene and xylenes were not measured in MW-1 and MW-3 through MW-7.
3. MW-2 contained concentrations of toluene, ethylbenzene and xylenes at concentrations that were well below their respective New Mexico Water Quality Control Commission (NMWQCC) groundwater standards.

The field duplicate and matrix spike-matrix spike duplicate information are summarized in Table 5. Important quality assurance/quality control evaluations include:

1. The BTEX constituents were not detected in either the primary or the duplicate sample
2. The matrix spike and the matrix spike duplicate results for MW-7 were all within their acceptable ranges.
3. The samples were all analyzed within the 14 day holding time
4. All but two of the surrogate spikes were all within their respective control ranges.
5. The laboratory blanks and blank spikes were within acceptable ranges.
6. The trip blank did not contain any BTEX.

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

The fourth quarter 2008 benzene distribution is shown on Figure 5. Any BTEX constituents in MW-8 and the toluene, ethylbenzene and xylenes in MW-2 attenuated to below the method reporting limit before migrating downgradient to MW-7.

All of 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 in MW-1, MW-4, MW-5, MW-6 and MW-7.

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. The system is checked periodically to ensure that it is intact and still functioning. The oxygen bottle is changed out as necessary.

The next monitoring episode is scheduled for the first quarter of 2009. 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, 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

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
MW-1	4089.37
MW-2	4089.19
MW-3	4088.99
MW-4	4088.84
MW-5	4088.77
MW-6	4088.84
MW-7	4087.82

Units are feet
Blank cells: Wells not installed

Table 3 – Summary of Product 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

Units are feet

Table 4 – Fourth Quarter 2008 Groundwater Monitoring Results

Well NMWQCC Standards	Benzene 0.01	Toluene 0.75	Ethlbenzene 0.75	Xylene (total) 0.62
MW-1	<0.002	<0.002	<0.002	<0.006
MW-2	<0.002	0.0135	0.0147	0.143
MW-3	<0.002	<0.002	<0.002	<0.006
MW-3 Dup	<0.002	<0.002	<0.002	<0.006
MW-4	<0.002	<0.002	<0.002	<0.006
MW-5	<0.002	<0.002	<0.002	<0.006
MW-6	<0.002	<0.002	<0.002	<0.006
MW-7	<0.002	<0.002	<0.002	<0.006
Trip Blank	<0.002	<0.002	<0.002	<0.006

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

Table 5 – Fourth Quarter 2008 Quality Assurance and Quality Control Results

Field Duplicate Relative Percentage Difference Values for MW-3

	Benzene	Toluene	Ethyl Benzene	Xylenes (total)
RPD (%)	NA	NA	NA	NA

NA: analysis not applicable because the constituents were not detected

MW-7 Matrix Spike/Matrix Spike Duplicate Results

	Benzene	Toluene	Ethylbenzene	Xylenes (total)
Matrix Spike	113	102	103	99
Matrix Spike Duplicate	113	101	102	99

Note: Units are percent recovery

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
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
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
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
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
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
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
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
MW-8	FPH	FPH	0.24	FPH	0.42	FPH	FPH	FPH	0.28	0.18	0.14	FPH

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

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
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
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
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.0012J	<0.002	<0.002	<0.002	<0.002
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.001J	<0.002	<0.002	<0.002	<0.002
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00098J	<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	0.00098J	<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
MW-8	FPH	FPH	0.791	FPH	0.977	FPH	FPH	FPH	0.35	0.388	0.25	FPH

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

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
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
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
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
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
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
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
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
MW-8	FPH	FPH	0.239	FPH	0.437	FPH	FPH	FPH	0.15	0.0971	0.17	FPH

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

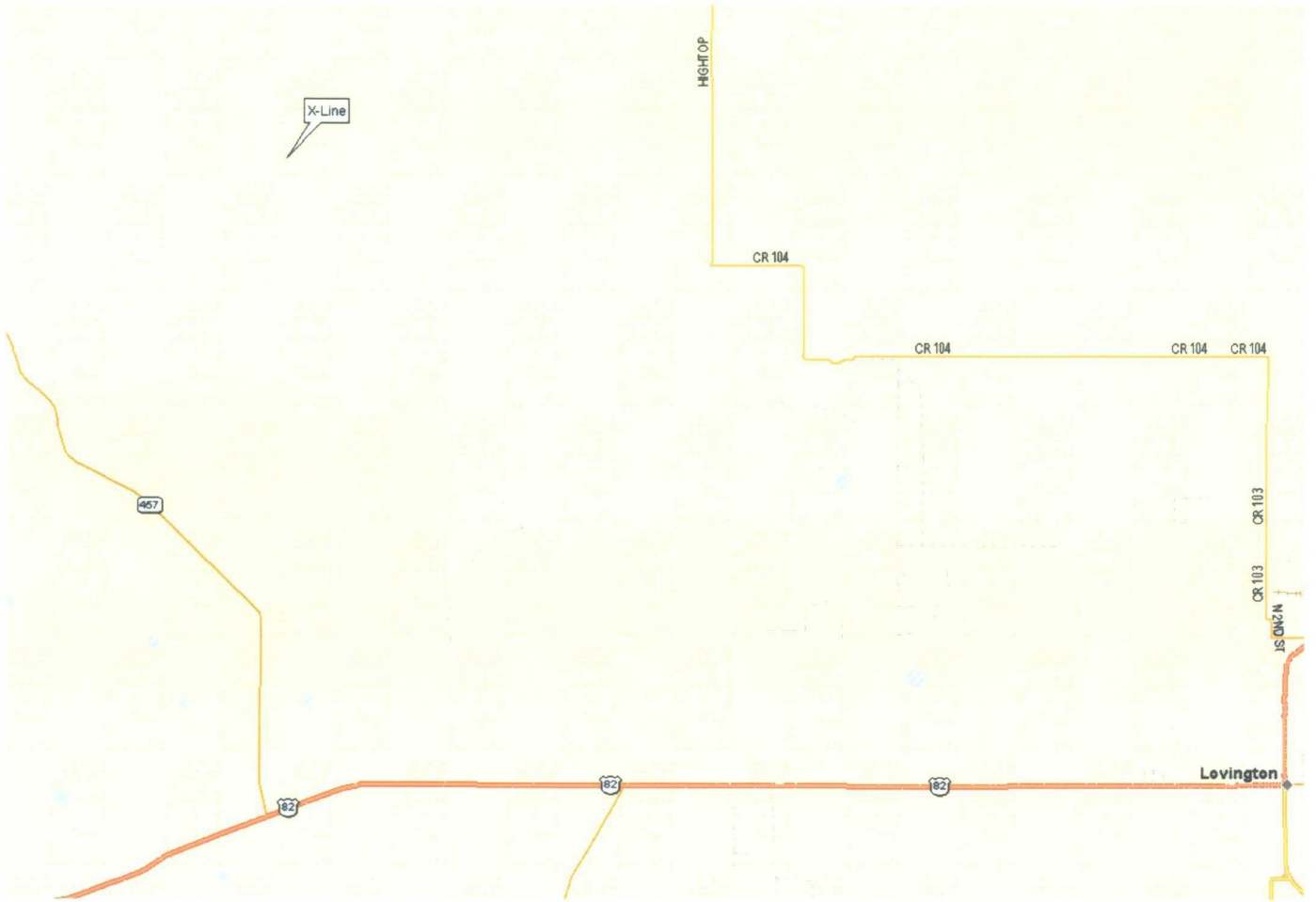
Table 9 – Summary of Laboratory Data for Xylenes

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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	0.0028J	<0.006	<0.002	<0.006	<0.006
MW-2	<0.001	0.00125J	0.0014	<0.001	0.00770	0.013	0.0078	0.0051J	0.06	0.0229	0.12	0.143
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
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	0.0016J	<0.006	<0.002	<0.006	<0.006
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
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
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
MW-8	FPH	FPH	2.27	FPH	3.35	FPH	FPH	FPH	2.80	0.388	2.42	FPH

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

FIGURES



Scale

0 2 miles

N

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

dcp Midstream.

DRAWN BY: MHS

DATE: 1/07

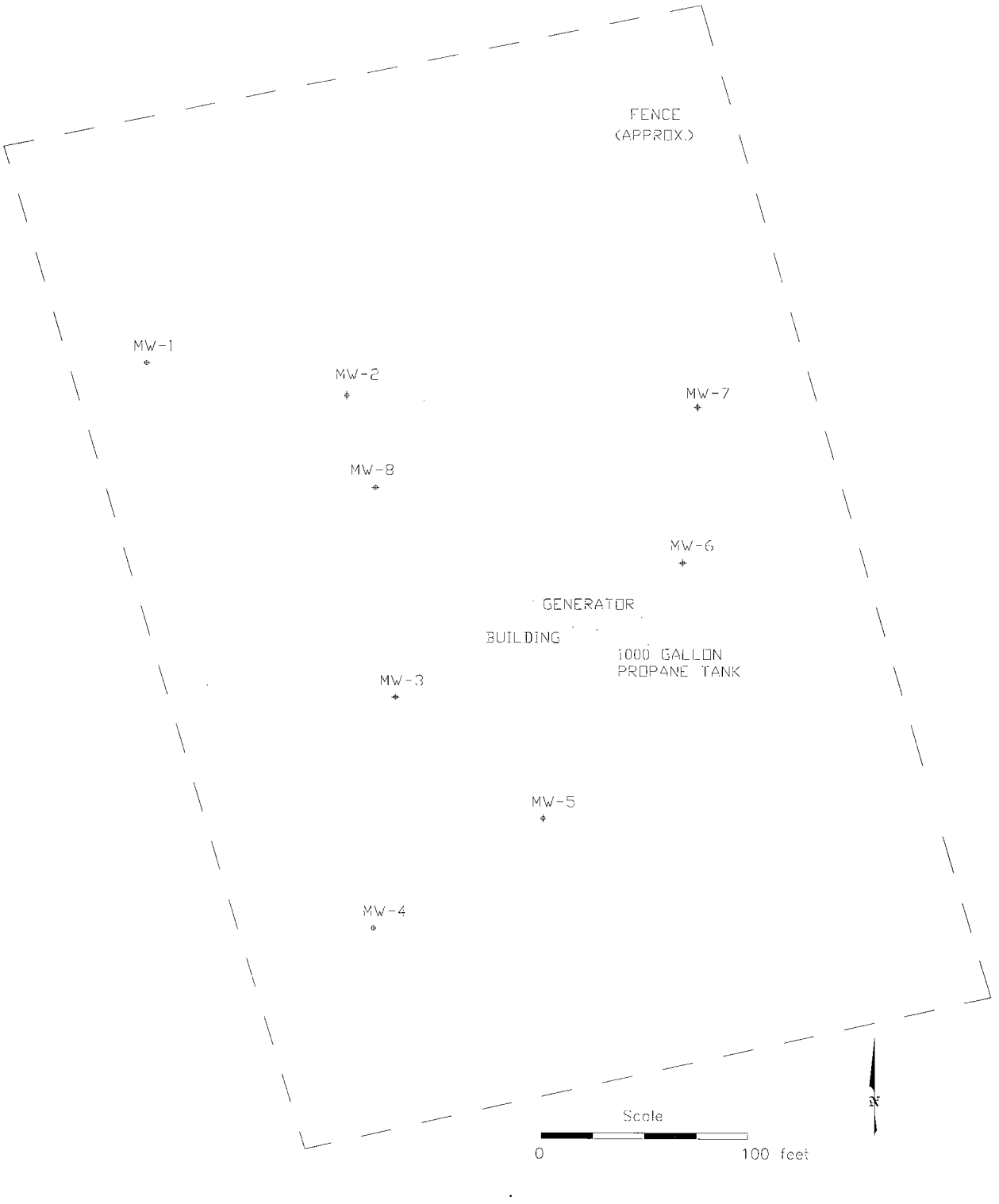


Figure 2 – Facility Configuration
X-Line Monitoring

dcp Midstream.

DRAWN BY: MHS
REVISED:
DATE: 1/07

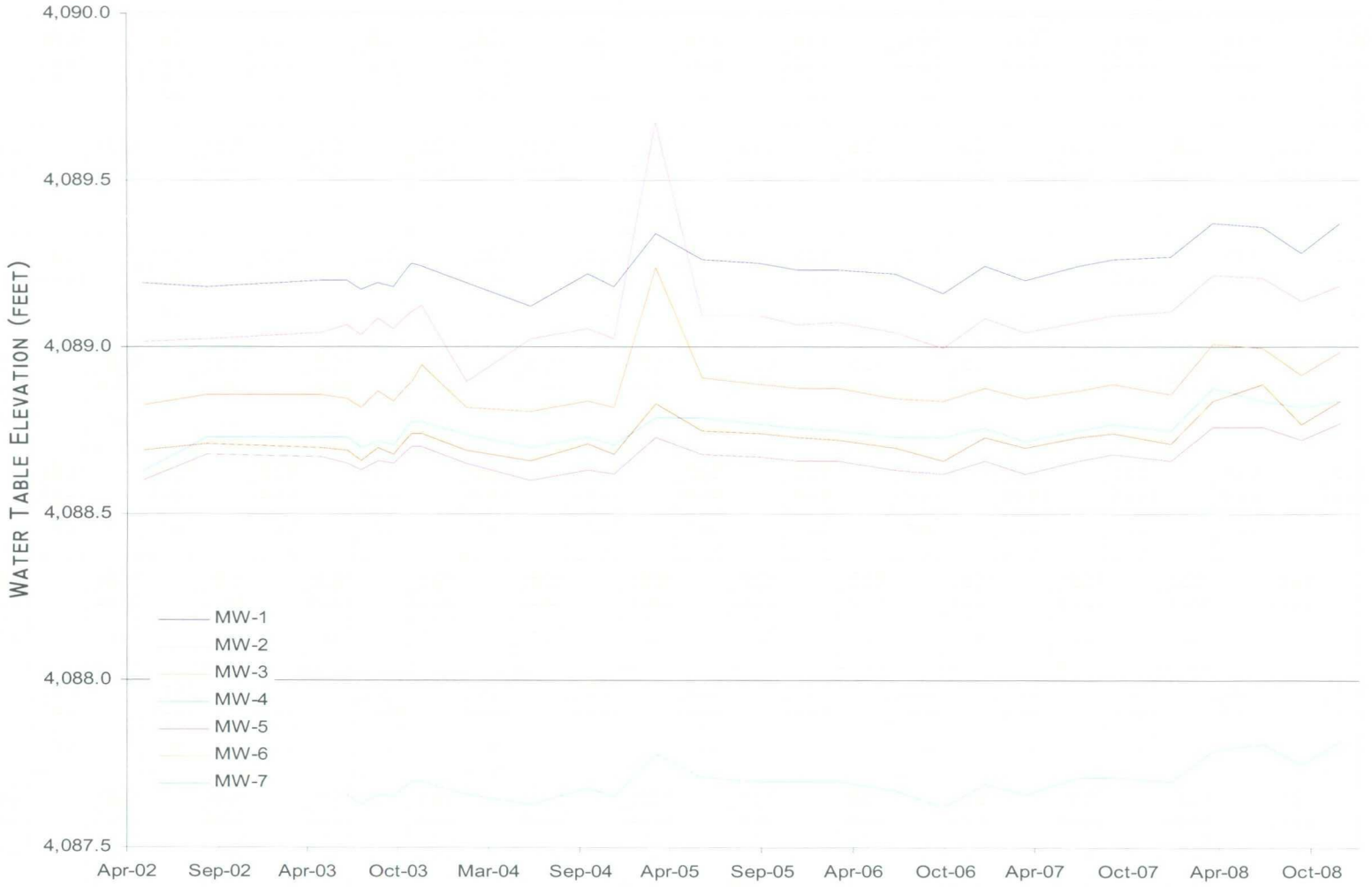
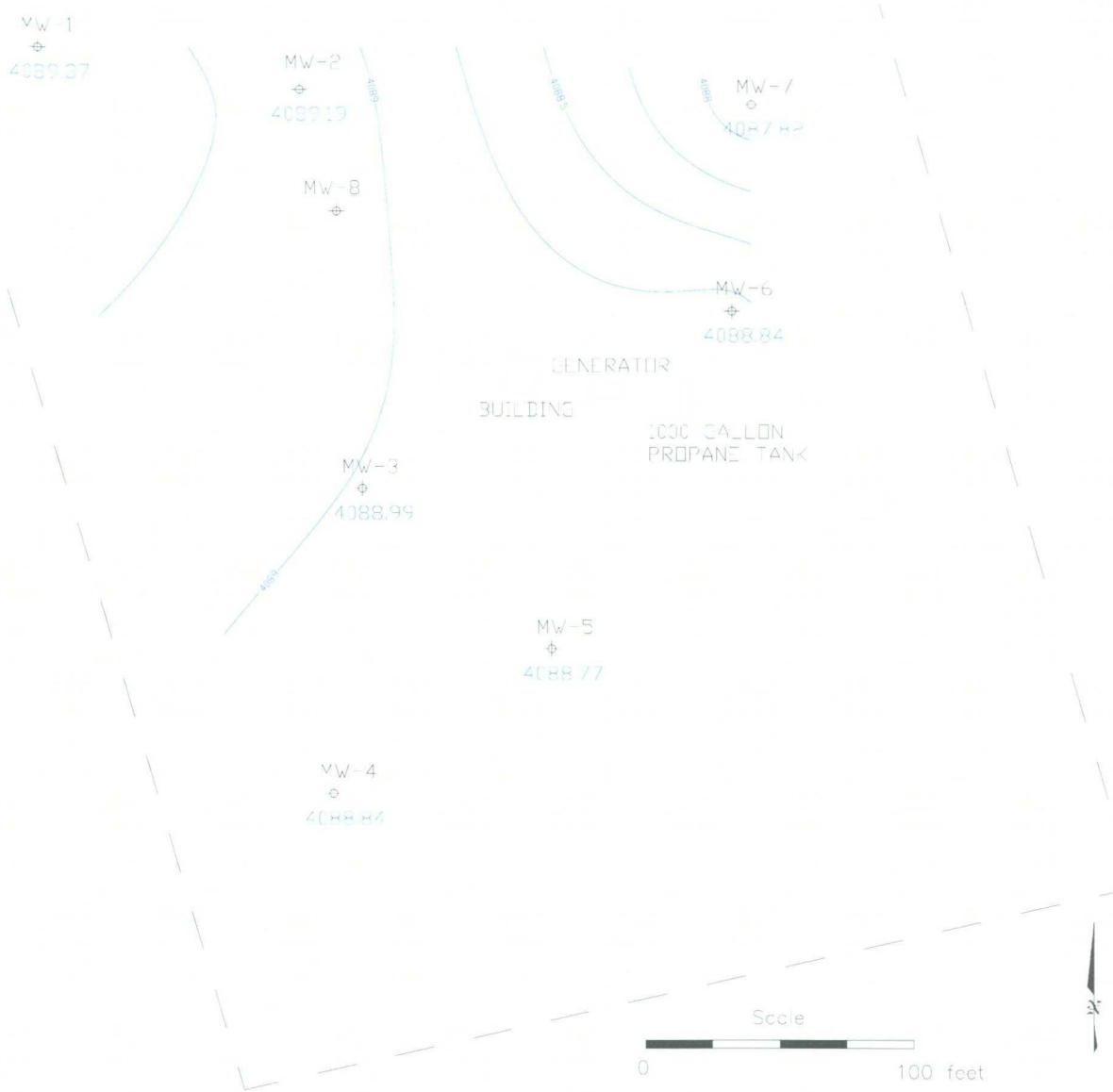


Figure 3 – Well Hydrographs

dcp Midstream.

DRAWN BY: MHS

DATE: 1/09



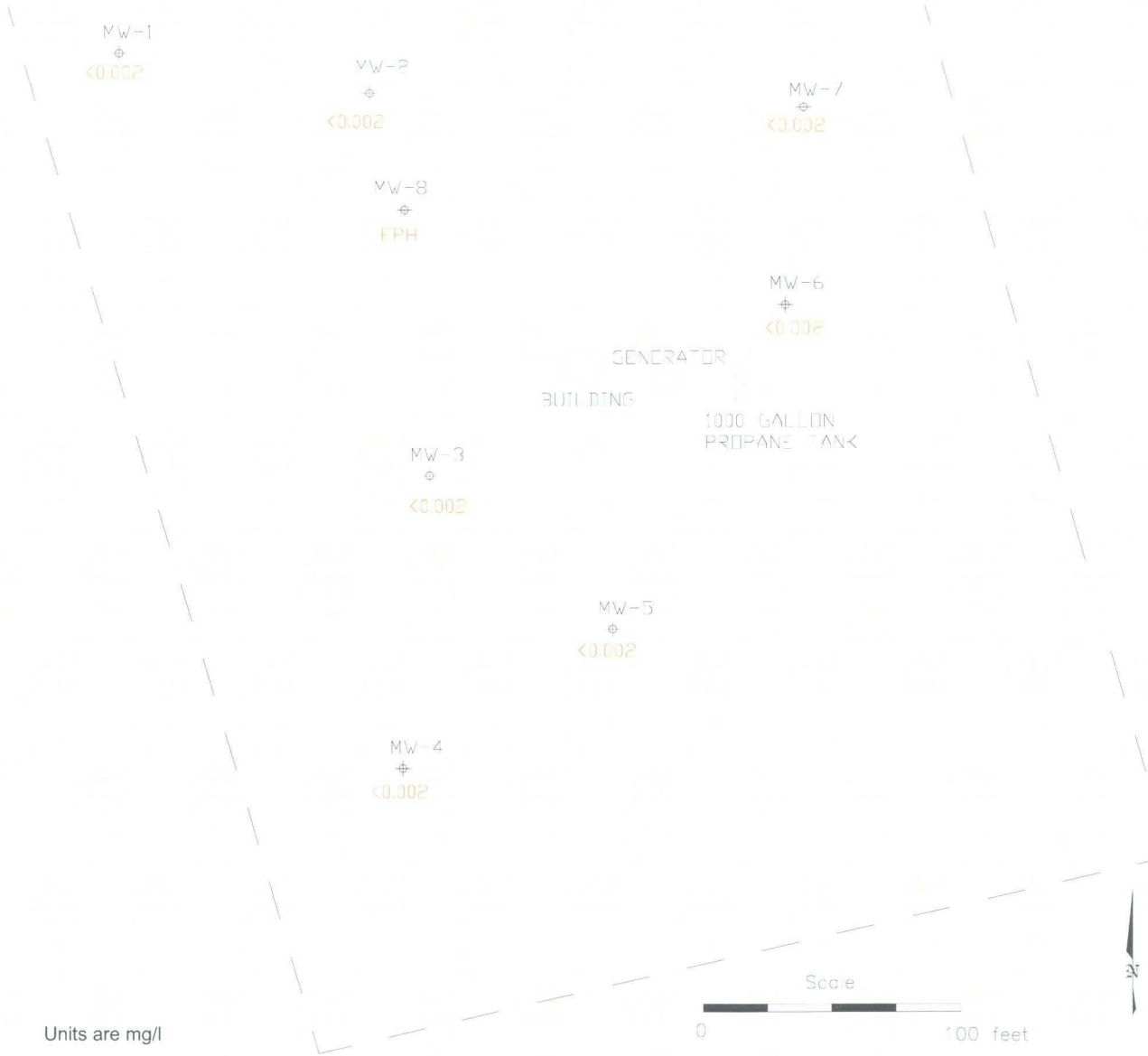
Contour interval is 0.25 feet

Figure 4 – Fourth Quarter 2008 Water Table Contours

dcp Midstream

DRAWN BY: MHS

DATE: 1/09



Units are mg/l

Figure 5 – Fourth Quarter 2008 Benzene Concentrations

dcp Midstream.

DRAWN BY: MHS

DATE: 1/09

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 12/1/2008

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

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

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 94.30 Feet

DEPTH TO WATER: 77.32 Feet

HEIGHT OF WATER COLUMN: 16.98 Feet

WELL DIAMETER: 2.0 Inch

8.3 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	18	0.75	7.12			
	5.4	17.7	0.68	7.30			
	8.1	17.5	0.68	7.36			

SAMPLE NO.: Collected Sample No.: MW-1

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 12/1/2008

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

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

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 89.90 Feet

DEPTH TO WATER: 77.33 Feet

HEIGHT OF WATER COLUMN: 12.57 Feet

WELL DIAMETER: 2.0 Inch

6.2 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	17.7	0.89	6.97			
	4.2	17.8	0.85	7.06			
	6.3	17.8	0.86	7.10			

SAMPLE NO.: Collected Sample No.: MW-2

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 12/1/2008

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

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

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 92.80 Feet

DEPTH TO WATER: 77.34 Feet

HEIGHT OF WATER COLUMN: 15.46 Feet

WELL DIAMETER: 2.0 Inch

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

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg\L	Turb	PHYSICAL APPEARANCE AND REMARKS
	2.7	17.1	0.79				
	5.4	17.9	0.79				
	8.1	18.0	0.77				

SAMPLE NO.: Collected Sample No.: MW-3

ANALYSES: BTEX (8260)

COMMENTS: Collected duplicate sample

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 12/1/2008

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

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

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 93.40 Feet

DEPTH TO WATER: 77.49 Feet

HEIGHT OF WATER COLUMN: 15.91 Feet

WELL DIAMETER: 2.0 Inch

7.8 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
	2.7	17.3	0.63	7.38			
	5.4	17.6	0.62	7.39			
	8.1	17.5	0.62	7.42			

SAMPLE NO.: Collected Sample No.: MW-4

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 12/1/2008

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

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

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 91.10 Feet

DEPTH TO WATER: 77.13 Feet

HEIGHT OF WATER COLUMN: 13.97 Feet

WELL DIAMETER: 2.0 Inch

6.8 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	16.9	0.72	7.25			
	4.6	17.4	0.71	7.26			
	6.9	17.2	0.69	7.33			

SAMPLE NO.: Collected Sample No.: MW-5

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 12/1/2008

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

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

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 92.90 Feet

DEPTH TO WATER: 77.05 Feet

HEIGHT OF WATER COLUMN: 15.85 Feet

WELL DIAMETER: 2.0 Inch

7.8 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
	2.7	17.0	0.60	7.23			
	5.4	17.6	0.58	7.32			
	8.1	17.3	0.57	7.45			

SAMPLE NO.: Collected Sample No.: MW-6

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 12/1/2008

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

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

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 87.40 Feet

DEPTH TO WATER: 76.61 Feet

HEIGHT OF WATER COLUMN: 10.79 Feet

WELL DIAMETER: 2.0 Inch

5.3 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
	1.8	17.0	0.68	7.25			
	3.6	17.3	0.64	7.25			
	5.4	17.6	0.63	7.35			

SAMPLE NO.: Collected Sample No.: MW-7

ANALYSES: BTEX (8260)

COMMENTS: Collected MS/MSD Samples

WELL SAMPLING DATA FORM

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

SITE NAME: X Line (Etcheverry Ranch) DATE: 12/1/2008

PROJECT NO. _____ SAMPLER: M Stewart/A Taylor

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

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 85.10 Feet

DEPTH TO WATER: 0.00 Feet

HEIGHT OF WATER COLUMN: 85.10 Feet

WELL DIAMETER: 4.0 Inch

166.6 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

SAMPLE NO.: Collected Sample No.:

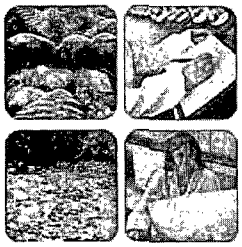
ANALYSES: BTEX (8260)

COMMENTS: Not sampled because of 0.33 feet of free phase hydrocarbons

Gulf Coast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

01/14/09



Technical Report for

DCP Midstream, LLC

X-Line

Accutest Job Number: T24836

Sampling Date: 12/01/08

Report to:

American Environmental Consulting

mstewart@aecdenver.com

ATTN: Mike Stewart

Total number of pages in report: 25

ACCREDITED IN ACCORDANCE WITH nelac

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

Paul K Canevaro

Paul Canevaro
Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: William Reeves 713-271-4700

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

Test results relate only to samples analyzed.

Sections: 1 2 3 4

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Sample Summary

DCP Midstream, LLC

Job No: T24836

X-Line

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
T24836-1	12/01/08	14:20 AEC	12/03/08	AQ	Ground Water	MW-1
T24836-2	12/01/08	14:25 AEC	12/03/08	AQ	Ground Water	MW-2
T24836-3	12/01/08	16:30 AEC	12/03/08	AQ	Ground Water	MW-3
T24836-4	12/01/08	15:45 AEC	12/03/08	AQ	Ground Water	MW-4
T24836-5	12/01/08	15:50 AEC	12/03/08	AQ	Ground Water	MW-5
T24836-6	12/01/08	15:10 AEC	12/03/08	AQ	Ground Water	MW-6
T24836-7	12/01/08	15:10 AEC	12/03/08	AQ	Ground Water	MW-7
T24836-7D	12/01/08	15:10 AEC	12/03/08	AQ	Water Dup/MSD	MW-7 MSD
T24836-7S	12/01/08	15:10 AEC	12/03/08	AQ	Water Matrix Spike	MW-7 MS
T24836-8	12/01/08	00:00 AEC	12/03/08	AQ	Ground Water	DUP
T24836-9	12/01/08	00:00 AEC	12/03/08	AQ	Trip Blank Water	TRIP BLANK

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	T24836-1	Date Sampled:	12/01/08
Matrix:	AQ - Ground Water	Date Received:	12/03/08
Method:	SW846 8260B	Percent Solids:	n/a
Project:	X-Line		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0046426.D	1	12/07/08	JL	n/a	n/a	VZ2312
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		79-122%
17060-07-0	1,2-Dichloroethane-D4	116%		75-121%
2037-26-5	Toluene-D8	97%		87-119%
460-00-4	4-Bromofluorobenzene	93%		80-133%

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

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	T24836-2	Date Sampled:	12/01/08
Matrix:	AQ - Ground Water	Date Received:	12/03/08
Method:	SW846 8260B	Percent Solids:	n/a
Project:	X-Line		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0046427.D	1	12/07/08	JL	n/a	n/a	VZ2312
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0020	0.00046	mg/l	
108-88-3	Toluene	0.0135	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	0.0147	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	0.143	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		79-122%
17060-07-0	1,2-Dichloroethane-D4	118%		75-121%
2037-26-5	Toluene-D8	98%		87-119%
460-00-4	4-Bromofluorobenzene	95%		80-133%

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

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	T24836-3	Date Sampled:	12/01/08
Matrix:	AQ - Ground Water	Date Received:	12/03/08
Method:	SW846 8260B	Percent Solids:	n/a
Project:	X-Line		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0046428.D	1	12/07/08	JL	n/a	n/a	VZ2312
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		79-122%
17060-07-0	1,2-Dichloroethane-D4	117%		75-121%
2037-26-5	Toluene-D8	96%		87-119%
460-00-4	4-Bromofluorobenzene	92%		80-133%

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

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	T24836-4	Date Sampled:	12/01/08
Matrix:	AQ - Ground Water	Date Received:	12/03/08
Method:	SW846 8260B	Percent Solids:	n/a
Project:	X-Line		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0046492.D	1	12/09/08	JL	n/a	n/a	VZ2315
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		79-122%
17060-07-0	1,2-Dichloroethane-D4	120%		75-121%
2037-26-5	Toluene-D8	96%		87-119%
460-00-4	4-Bromofluorobenzene	95%		80-133%

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

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	T24836-5	Date Sampled:	12/01/08
Matrix:	AQ - Ground Water	Date Received:	12/03/08
Method:	SW846 8260B	Percent Solids:	n/a
Project:	X-Line		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0046493.D	1	12/09/08	JL	n/a	n/a	VZ2315
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		79-122%
17060-07-0	1,2-Dichloroethane-D4	122% [a]		75-121%
2037-26-5	Toluene-D8	95%		87-119%
460-00-4	4-Bromofluorobenzene	96%		80-133%

(a) Outside of control limits biased high. Data is acceptable for all ND results.

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

Report of Analysis

Client Sample ID:	MW-6		
Lab Sample ID:	T24836-6	Date Sampled:	12/01/08
Matrix:	AQ - Ground Water	Date Received:	12/03/08
Method:	SW846 8260B	Percent Solids:	n/a
Project:	X-Line		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0046494.D	1	12/09/08	JL	n/a	n/a	VZ2315
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		79-122%
17060-07-0	1,2-Dichloroethane-D4	119%		75-121%
2037-26-5	Toluene-D8	96%		87-119%
460-00-4	4-Bromofluorobenzene	93%		80-133%

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

Accutest LabLink@35071 13:20 14-Jan-2009

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	T24836-7	Date Sampled:	12/01/08
Matrix:	AQ - Ground Water	Date Received:	12/03/08
Method:	SW846 8260B	Percent Solids:	n/a
Project:	X-Line		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012731.D	1	12/11/08	JL	n/a	n/a	VF3228
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		79-122%
17060-07-0	1,2-Dichloroethane-D4	92%		75-121%
2037-26-5	Toluene-D8	112%		87-119%
460-00-4	4-Bromofluorobenzene	101%		80-133%

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

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	T24836-8	Date Sampled:	12/01/08
Matrix:	AQ - Ground Water	Date Received:	12/03/08
Method:	SW846 8260B	Percent Solids:	n/a
Project:	X-Line		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0046496.D	1	12/09/08	JL	n/a	n/a	VZ2315
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		79-122%
17060-07-0	1,2-Dichloroethane-D4	122% [a]		75-121%
2037-26-5	Toluene-D8	95%		87-119%
460-00-4	4-Bromofluorobenzene	94%		80-133%

(a) Outside of control limits biased high. Data is acceptable for all ND results.

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

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T24836-9	Date Sampled:	12/01/08
Matrix:	AQ - Trip Blank Water	Date Received:	12/03/08
Method:	SW846 8260B	Percent Solids:	n/a
Project:	X-Line		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0046418.D	1	12/07/08	JL	n/a	n/a	VZ2312
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0020	0.00046	mg/l	
108-88-3	Toluene	ND	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		79-122%
17060-07-0	1,2-Dichloroethane-D4	114%		75-121%
2037-26-5	Toluene-D8	97%		87-119%
460-00-4	4-Bromofluorobenzene	93%		80-133%

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

Accutest Laboratories Gulf Coast
10165 Harwin Drive, Suite 150 Houston, TX 77036
713-271-4700 Fax: 713-271-4770

Accutest Job #: T24836
Accutest Quote #:

3.1 3

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

	Field ID / Point of Collection	Date	Time	Sampled By	Matrix	# of bottles	HCL	NaOH	HNO3	H2SO4	None	BTEX 8260B	MS/MSD BTEX 8260B
1	MW-1	12/1/03	1420	AEC	GW	3	X					X	
2	MW-2		1425		GW	3	X					X	
3	MW-3		1630		GW	3	X					X	
4	MW-4		1545		GW	3	X					X	
5	MW-5		1550		GW	3	X					X	
6	MW-6		1510		GW	3	X					X	
7	MW-7		1510		GW	3	X					X	
8	DUP		000		GW	3	X					X	
9	TRIP		000		GW	3	X					X	
	MW- MS/MSD MW-7		1510		GW	6	X						X

Turnaround Information

- [ ] 21 Day Standard
- [ ] 14 Day
- [ ] 7 Days EMERGENCY
- [ ] Other ______ (Days)

Approved By:

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [ ] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [x] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	12/2 1530	1 FEDEX	2		2
Relinquished by Sampler: 3	12/3/03 9AM	3 [signature]	4		4
Relinquished by Sampler: 5	Date Time:	5	Seal #	Preserved where applica	On Ice:

#110 Red IR2 3.0 °C

T24836: Chain of Custody
Page 1 of 3

SAMPLE INSPECTION FORM

Accutest Job Number: T24836 Client: AEC, LLC Project: DCP

Date/Time Received: 12-3-08 9am # of Coolers Received: 1 Thermometer # 110

Cooler Temps: #1: 3°C #2: _____ #3: _____ #4: _____ #5: _____ #6: _____ #7: _____ #8: _____

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

Airbill Numbers: _____

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

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

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

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

Number of Encores? _____
Number of 5035 kits? _____
Number of lab-filtered metals? _____

Summary of Discrepancies:

1- Trip Blank VOA - Broken

TECHNICIAN SIGNATURE/DATE: 12-3-08

INFORMATION AND SAMPLE LABELING VERIFIED BY: _____

CORRECTIVE ACTIONS

Client Representative Notified: _____ **Date:** _____

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

Client Instructions:

3.1

T24836: Chain of Custody
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3.1

(3)

SAMPLE RECEIPT LOG

JOB #: T24836 DATE/TIME RECEIVED: 12-3-8 9AM

CLIENT: AEC, LLC INITIALS: GHC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
1	1	MW 1	12-1-8 1420	W	40ml	1-3	VOA	1 (2) 3 4 5 6 7 8	<2 >12
	2	2	1425					1 (2) 3 4 5 6 7 8	<2 >12
	3	3	1630					1 (2) 3 4 5 6 7 8	<2 >12
	4	4	1545					1 (2) 3 4 5 6 7 8	<2 >12
	5	5	1550					1 (2) 3 4 5 6 7 8	<2 >12
	6	6	1510					1 (2) 3 4 5 6 7 8	<2 >12
	7	7	1510			1-9		1 (2) 3 4 5 6 7 8	<2 >12
	~~8~~ EC	EC ~~[illegible]~~	1510			~~4-9~~	1-3	1 (2) 3 4 5 6 7 8	<2 >12
	~~8~~ 9	Dup	00			1-3		1 (2) 3 4 5 6 7 8	<2 >12
	~~9~~ 10	Trip Blank	00			1-2		1 (2) 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12

SHC 12-3-8

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other
LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

T24836: Chain of Custody
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GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: T24836
Account: DUKE DCP Midstream, LLC
Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2312-MB	Z0046417.D	1	12/07/08	JL	n/a	n/a	VZ2312

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

T24836-1, T24836-2, T24836-3, T24836-9

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.46	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	106%	79-122%
17060-07-0	1,2-Dichloroethane-D4	111%	75-121%
2037-26-5	Toluene-D8	95%	87-119%
460-00-4	4-Bromofluorobenzene	93%	80-133%

Method Blank Summary

Job Number: T24836
Account: DUKE DCP Midstream, LLC
Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2315-MB	Z0046491.D	1	12/09/08	JL	n/a	n/a	VZ2315

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

T24836-4, T24836-5, T24836-6, T24836-8

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.46	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	110%	79-122%
17060-07-0	1,2-Dichloroethane-D4	121%	75-121%
2037-26-5	Toluene-D8	97%	87-119%
460-00-4	4-Bromofluorobenzene	95%	80-133%

Method Blank Summary

Job Number: T24836
Account: DUKE DCP Midstream, LLC
Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3228-MB	F012730.D	1	12/11/08	JL	n/a	n/a	VF3228

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

T24836-7

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.46	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.45	ug/l	
108-88-3	Toluene	ND	2.0	0.48	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	79-122%
17060-07-0	1,2-Dichloroethane-D4	89%	75-121%
2037-26-5	Toluene-D8	115%	87-119%
460-00-4	4-Bromofluorobenzene	105%	80-133%

Blank Spike Summary

Job Number: T24836
Account: DUKE DCP Midstream, LLC
Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2312-BS [a]	Z0046415.D	1	12/07/08	JL	n/a	n/a	VZ2312

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

T24836-1, T24836-2, T24836-3, T24836-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	20.9	84	76-118
100-41-4	Ethylbenzene	25	20.9	84	75-112
108-88-3	Toluene	25	21.8	87	77-114
1330-20-7	Xylene (total)	75	65.6	87	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	79-122%
17060-07-0	1,2-Dichloroethane-D4	96%	75-121%
2037-26-5	Toluene-D8	106%	87-119%
460-00-4	4-Bromofluorobenzene	104%	80-133%

(a) No MS/MSD data available due to autosampler failure.

Blank Spike Summary

Job Number: T24836
Account: DUKE DCP Midstream, LLC
Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2315-BS [a]	Z0046489.D	1	12/09/08	JL	n/a	n/a	VZ2315

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

T24836-4, T24836-5, T24836-6, T24836-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	23.0	92	76-118
100-41-4	Ethylbenzene	25	23.4	94	75-112
108-88-3	Toluene	25	22.4	90	77-114
1330-20-7	Xylene (total)	75	68.3	91	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	109%	79-122%
17060-07-0	1,2-Dichloroethane-D4	119%	75-121%
2037-26-5	Toluene-D8	95%	87-119%
460-00-4	4-Bromofluorobenzene	94%	80-133%

(a) No MS/MSD data available due to autosampler failure.

Blank Spike Summary

Job Number: T24836
Account: DUKE DCP Midstream, LLC
Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3228-BS	F012728.D	1	12/11/08	JL	n/a	n/a	VF3228

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

T24836-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.0	100	76-118
100-41-4	Ethylbenzene	25	22.5	90	75-112
108-88-3	Toluene	25	22.8	91	77-114
1330-20-7	Xylene (total)	75	65.7	88	75-111

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	79-122%
17060-07-0	1,2-Dichloroethane-D4	89%	75-121%
2037-26-5	Toluene-D8	116%	87-119%
460-00-4	4-Bromofluorobenzene	104%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T24836
Account: DUKE DCP Midstream, LLC
Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T24836-7MS	F012732.D	1	12/11/08	JL	n/a	n/a	VF3228
T24836-7MSD	F012733.D	1	12/11/08	JL	n/a	n/a	VF3228
T24836-7	F012731.D	1	12/11/08	JL	n/a	n/a	VF3228

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

T24836-7

CAS No.	Compound	T24836-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	28.3	113	28.2	113	0	76-118/16
100-41-4	Ethylbenzene	ND		25	25.6	102	25.2	101	2	75-112/12
108-88-3	Toluene	ND		25	25.8	103	25.4	102	2	77-114/12
1330-20-7	Xylene (total)	ND		75	74.6	99	74.4	99	0	75-111/12

CAS No.	Surrogate Recoveries	MS	MSD	T24836-7	Limits
1868-53-7	Dibromofluoromethane	102%	101%	102%	79-122%
17060-07-0	1,2-Dichloroethane-D4	92%	93%	92%	75-121%
2037-26-5	Toluene-D8	112%	112%	112%	87-119%
460-00-4	4-Bromofluorobenzene	102%	102%	101%	80-133%