

1RP - 400

**MONITORING
REPORTS**

**DATE:
2007-2009**



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

RECEIVED
2008 DEC 5 PM 3 45

December 3, 2008

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

**RE: 3rd 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 3rd 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 9035 1475
Larry Johnson, OCD Hobbs District Office (Copy on CD)
Environmental Files

November 25, 2008

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

Re: Third 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 third quarter 2008 groundwater monitoring activities completed September 15, 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. All eight wells were sampled. 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. Well MW-8 was bailed to within 1 foot of its total depth. 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-8. A matrix spike/matrix spike duplicate was analyzed from MW-4.

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 declined across the site. Well MW-8 is not included because its casing elevation is not established.

A water-table contour map based upon the September 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.

No free phase hydrocarbons (FPH) were measured in MW-8 for the third consecutive event. The FPH thickness measured during the entire monitoring program is summarized in Table 3. FPH thickness will continued to be monitored and controlled using the soil vapor extraction system as necessary.

Table 4 summarizes the September 2008 sampling results. A copy of the laboratory report is attached. Examination of Table 4 indicates the following:

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, MW-3, MW-4, MW-5 and MW-7.
3. MW-2 contained concentrations of the BTEX constituents at concentrations that were well below their respective NMWQCC groundwater standards.
4. Ethylbenzene was measured in MW-6. The concentration of 0.0031 was more than two orders of magnitude below the NMWQCC groundwater standard. Toluene and xylenes were not measured in MW-6.
5. Benzene and xylenes were both measured in MW-8 above the NMWQCC groundwater standard.

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

1. The relative percentage difference values were all below 10 percent.
2. The matrix spike and the matrix spike duplicate results for MW-4 were all within their acceptable ranges.
3. The samples were all analyzed within the 14 day holding time
4. 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 contained an estimated concentration of 0.0018 mg/l xylenes
7. The cooler temperature was measured at 4.6° C upon receipt by the laboratory

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

The September 2008 benzene distribution is shown on Figure 5. The BTEX constituents in MW-8 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 BTEX concentrations for samples collected from MW-8 when FPH was not present are summarized in Table 10 and graphed on Figure 6. Examination of these data indicate that the constituent concentrations are declining. This general overall decline and the absence of FPH indicates that operation of the iSOC appears to be affecting the hydrocarbon concentrations. These trends will continued to be evaluated in subsequent monitoring episodes.

The next monitoring episode is scheduled for the fourth quarter of 2008. 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

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

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

Units are feet

Table 4 – September 15, 2008 Groundwater Monitoring Results

Well	Benzene	Toluene	Ethylbenzene	Xylene (total)
NMWQCC Standards	0.01	0.75	0.75	0.62
MW-1	<0.002	<0.002	<0.002	<0.006
MW-2	0.00096 J	0.03	0.02	0.12
MW-3	<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	0.0031	<0.006
MW-7	<0.002	<0.002	<0.002	<0.006
MW-8	0.13	0.25	0.16	2.5
MW-8 DUP	0.14	0.25	0.17	2.34
TRIP	<0.002	<0.002	<0.002	0.0018 J

Notes: Units are mg/l

NMWQCC Standards: New Mexico Water Quality Control Commission
Groundwater Standards

A J value quantifies a constituent that was measured between the method
detection limit and the method reporting limit.

Table 5 – September 2008 Quality Assurance and Quality Control Results

Field Duplicate Relative Percentage Difference Values for MW-8

	Benzene	Toluene	Ethyl Benzene	Xylenes (total)
RPD (%)	-3.7%	3.6%	-6.2%	6.6%

MW-4 Matrix Spike/Matrix Spike Duplicate Results

	Benzene	Toluene	Ethylbenzene	Xylenes (total)
Matrix Spike	95	103	95	103
Matrix Spike Duplicate	94	97	94	97

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	0.00584	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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00093J	<0.002	<0.002	<0.002
MW-2	<0.001	0.0006	0.0007	<0.001	0.000674	<0.001	<0.002	0.00057J	<0.002	0.00096J	0.00096 J
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	0.00053J	<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
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00074J	<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
MW-8	FPH	FPH	0.24	FPH	0.42	FPH	FPH	FPH	0.28	0.18	0.14

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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.0012J	<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
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00098J	<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
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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

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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0011	<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
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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

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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	0.0028J	<0.006	<0.002	<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
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006	<0.006	<0.002	<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
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006	<0.006	<0.002	<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
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006	<0.006	<0.002	<0.006
MW-8	FPH	FPH	2.27	FPH	3.35	FPH	FPH	FPH	2.80	0.388	2.42

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 10 – Summary of BTEX Constituents in MW-8 when FPH is Not Present.

Constituent	Benzene	Toluene	Ethylbenzene	Xylenes
12/12/05	0.56	2.98	0.93	9.89
09/28/06	0.24	0.79	0.24	2.27
03/13/07	0.42	0.98	0.44	3.35
03/20/08	0.28	0.35	0.15	2.80
06/27/08	0.18	0.39	0.10	4.95
09/15/08	0.14	0.25	0.17	2.42

Units are mg/l

FIGURES

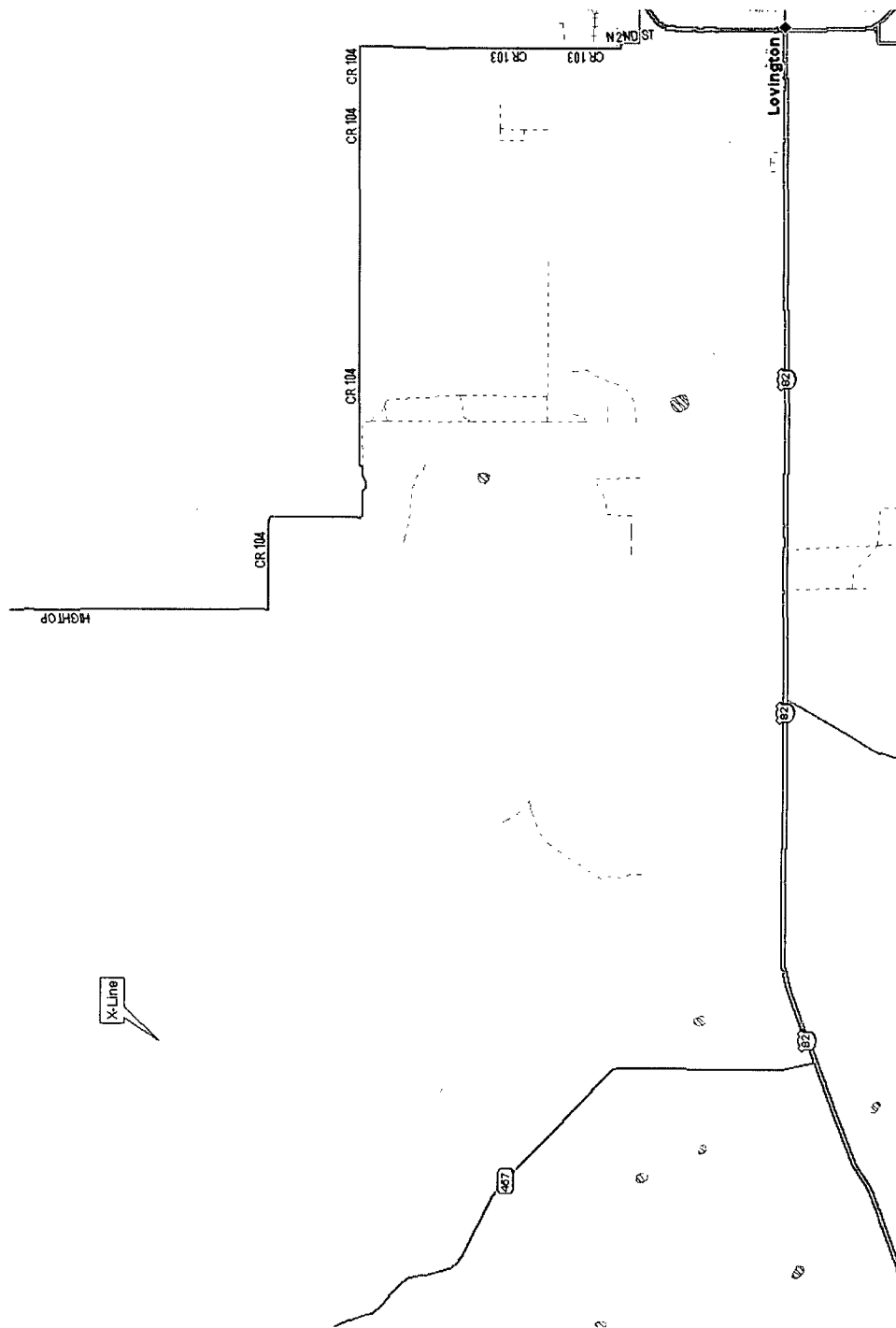


Figure 1 - X-Line Location
(33.036°N, 103.547 °W)

X-Line Monitoring

dep
Midstream

DRAWN BY: MHS
DATE: 1/07

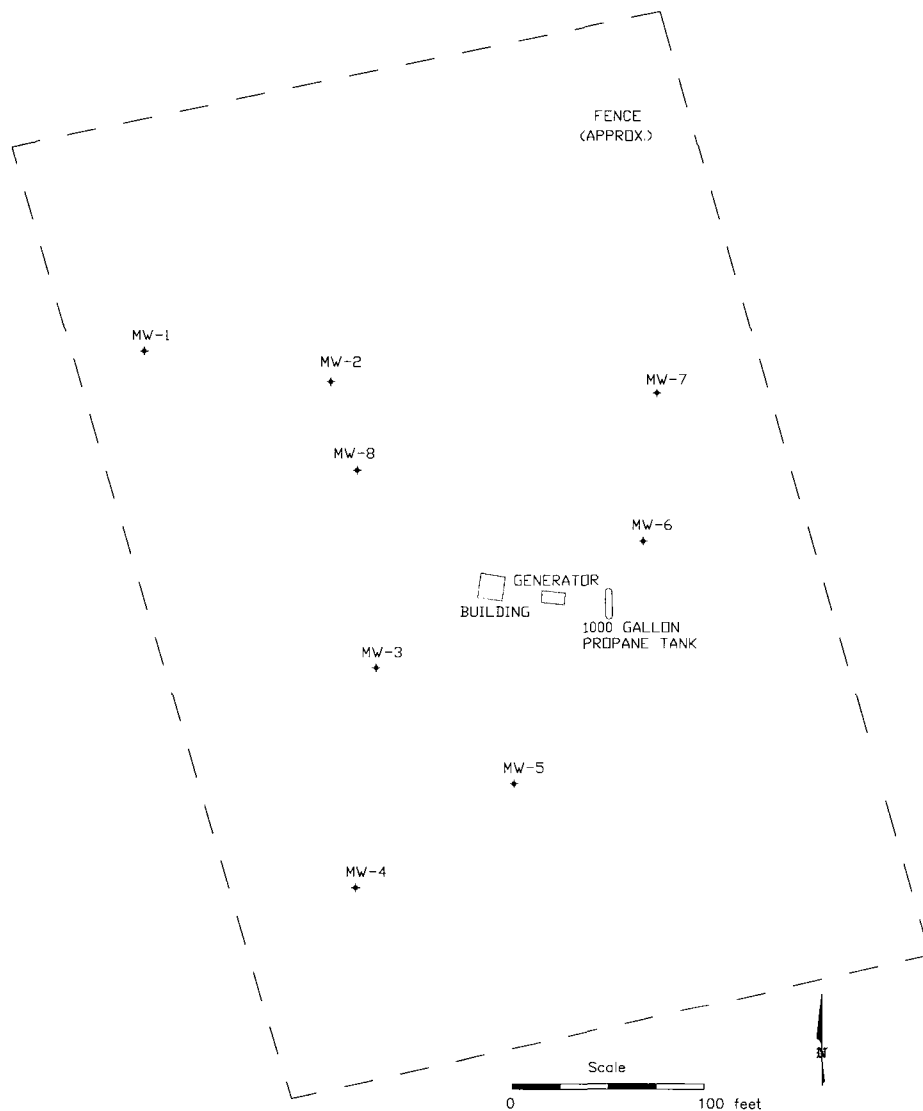


Figure 2 – Facility Configuration
X-Line Monitoring



DRAWN BY: MHS

REVISED:

DATE: 1/07



Figure 3 – Well Hydrographs

X-Line Monitoring

dcp
Midstream

DRAWN BY: MHS
DATE: 10/08

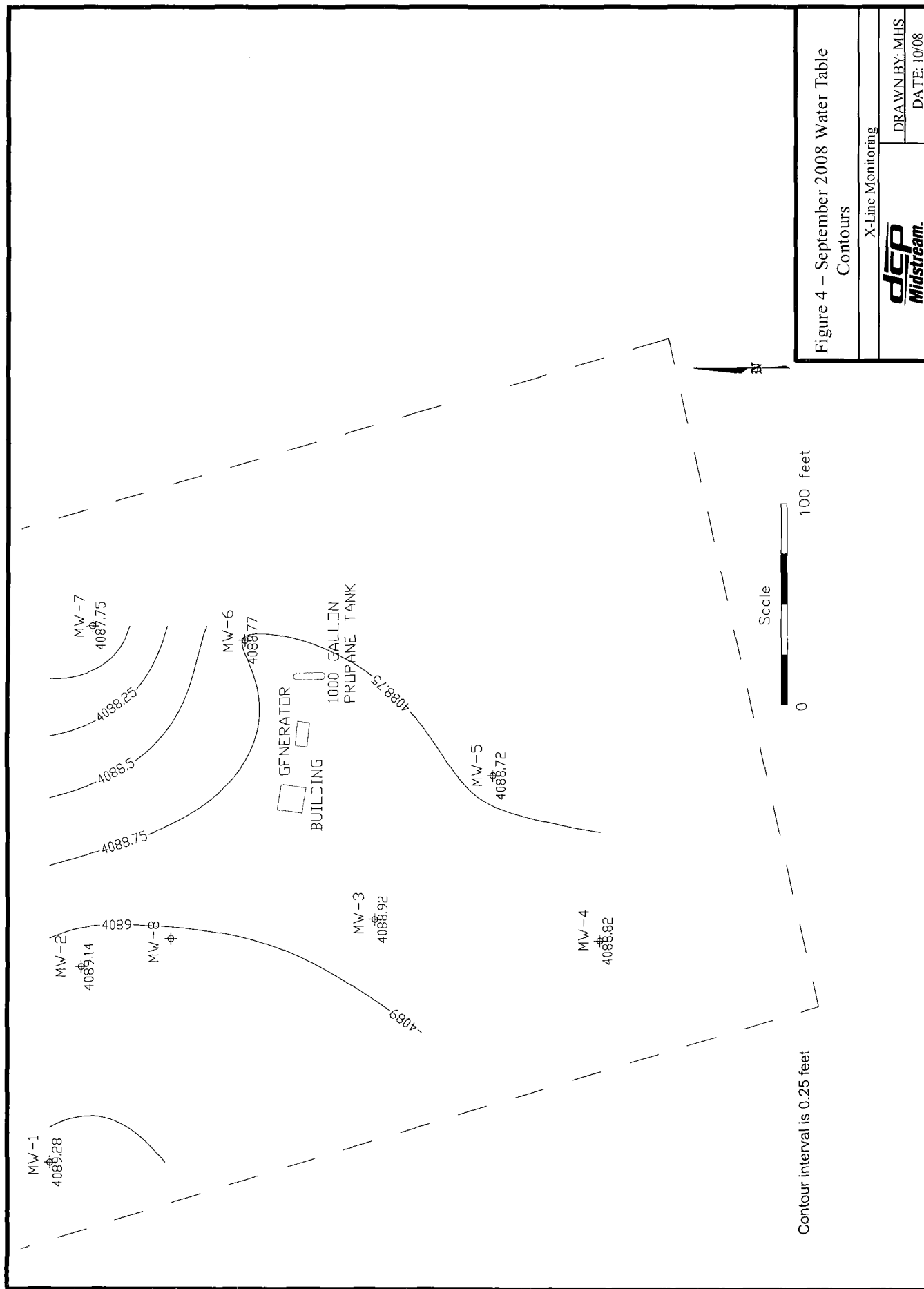
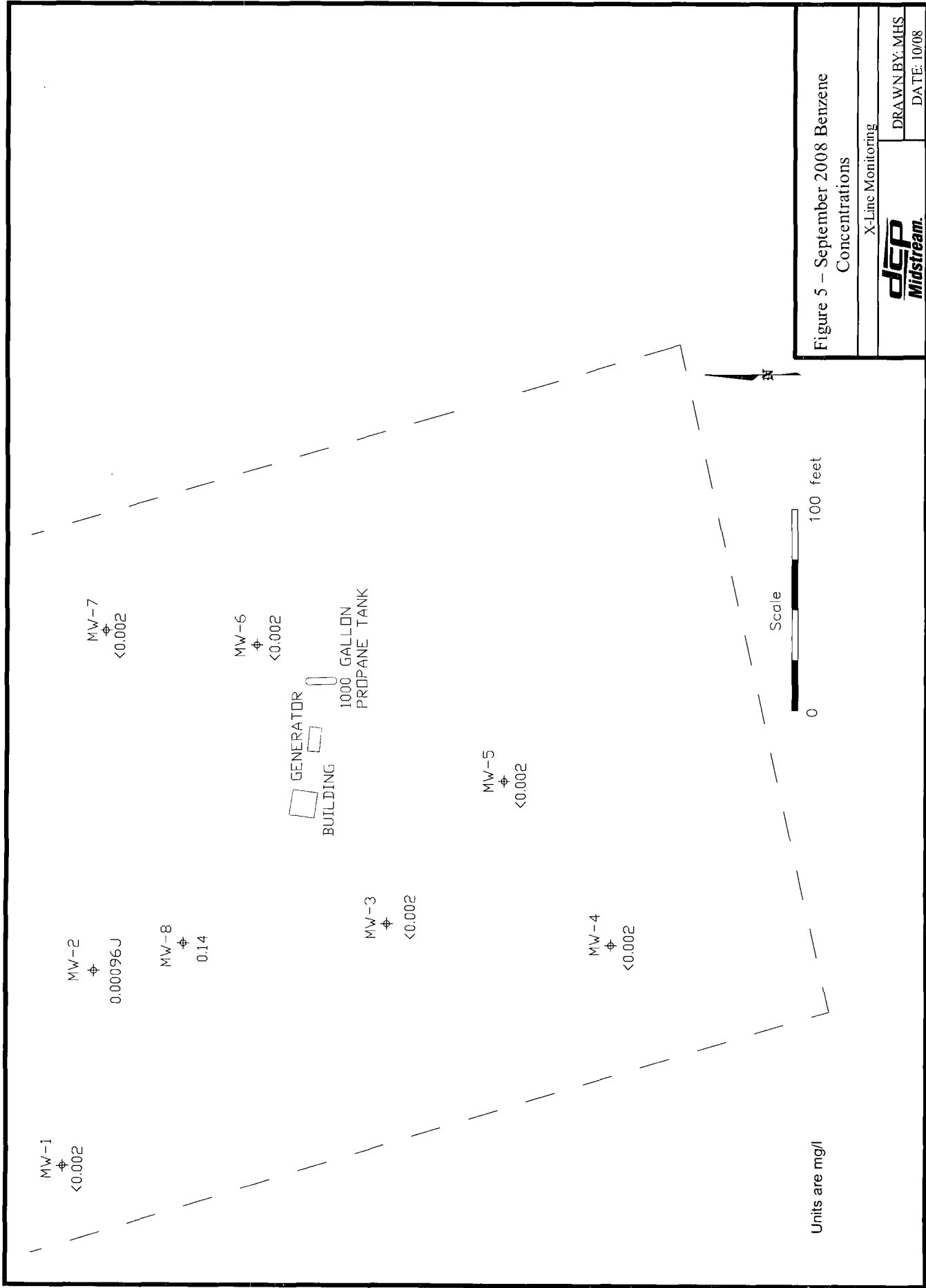


Figure 4 - September 2008 Water Table Contours

X-Line Monitoring

dep
Midstream

DRAWN BY: MHS
DATE: 10/08



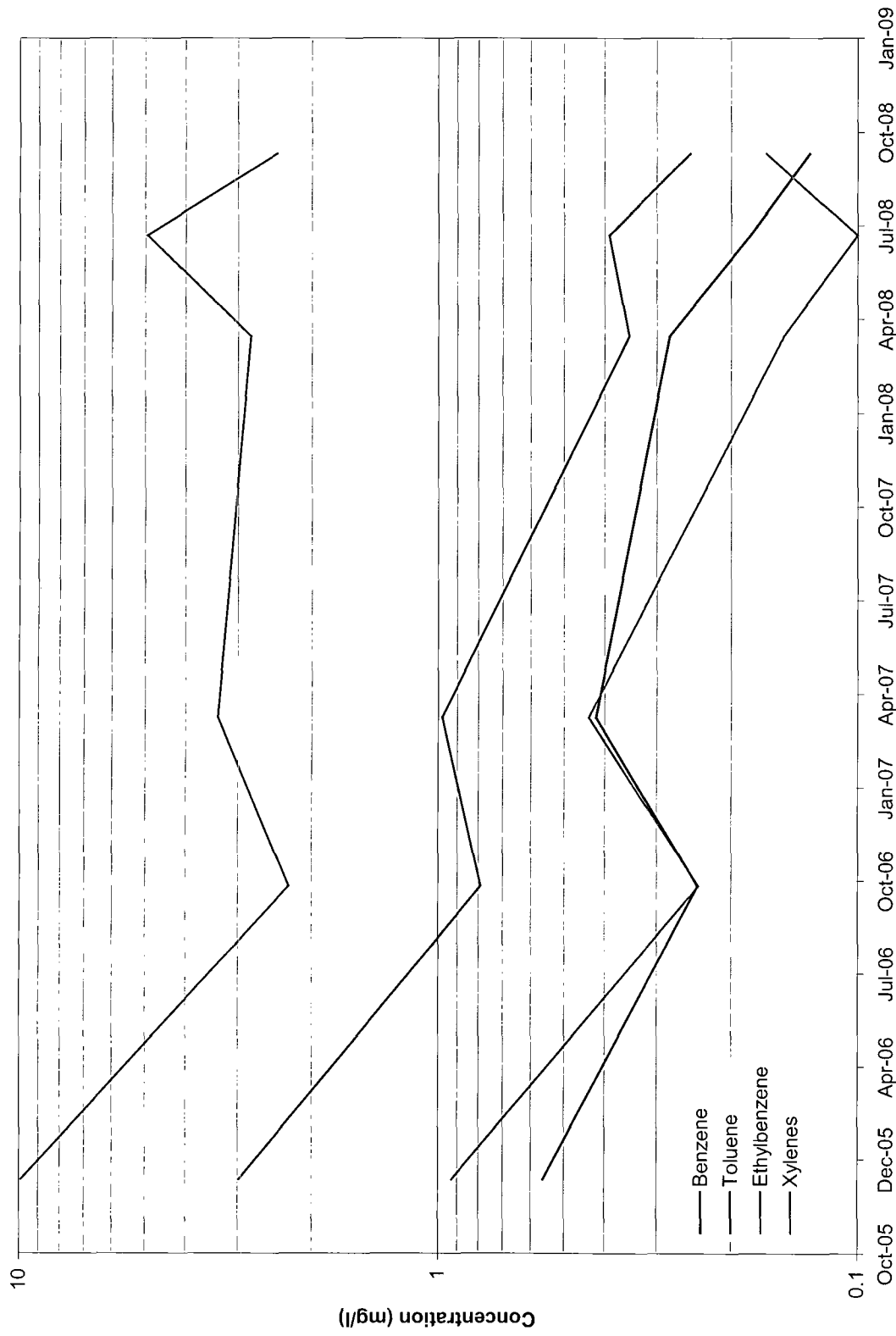


Figure 6 – BTEX Concentrations in MW-8
When FPH is Not Present

X-Line Monitoring



DRAWN BY: MHS

DATE: 10/08

FIELD SAMPLING FORMS
AND
LABORATORY ANALYTICAL REPORT

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-1
 SITE NAME: X Line (Etcheverry Ranch) DATE: 9/15/2008
 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: 77.41 Feet
 HEIGHT OF WATER COLUMN: 16.89 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. °F	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	0.0	-		-	-	-	
	2.7	66.6	0.58	7.71	-	-	
	5.4	65.5	0.58	7.65	-	-	
	8.1	66.2	0.57	7.77	-	-	

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: 9/15/2008
 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: 77.38 Feet
 HEIGHT OF WATER COLUMN: 12.52 Feet
 WELL DIAMETER: 2.0 Inch

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

TIME	VOLUME PURGED	TEMP. °F	COND. m S/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	0.0	-	-	-	-	-	
	2.3	66.1	0.69	7.43	-	-	
	4.6	65.5	0.69	7.44	-	-	
	6.9	65.9	0.68	7.81	-	-	

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: 9/15/2008
 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: 77.41 Feet
 HEIGHT OF WATER COLUMN: 15.39 Feet
 WELL DIAMETER: 2.0 Inch

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

TIME	VOLUME PURGED	TEMP. °F	COND. m S/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	0.0	-	-	-	-	-	
	2.7	67.8	0.71	7.67	-	-	
	5.4	66.2	0.70	7.47	-	-	
	8.1	66.1	0.66	7.52	-	-	

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

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. _____

WELL ID: **MW-4**
DATE: 9/15/2008
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:	77.51	Feet
HEIGHT OF WATER COLUMN:	15.89	Feet
WELL DIAMETER:	2.0	Inch

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

[illegible]

SAMPLE NO.:	Collected Sample No.:	MW-4
ANALYSES:	BTEX (8260)	
COMMENTS:	Collected MS/MSD Samples	

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-5
 SITE NAME: X Line (Etchevery Ranch) DATE: 9/15/2008
 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: 77.18 Feet
 HEIGHT OF WATER COLUMN: 13.92 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. °F	COND. m S/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	0.0	-	-	-	-	-	
	2.3	67.7	0.62	7.76	-	-	
	4.6	66.9	0.61	7.76	-	-	
	6.9	65.9	0.61	7.64	-	-	

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: 9/15/2008
 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: 77.12 Feet
 HEIGHT OF WATER COLUMN: 15.78 Feet
 WELL DIAMETER: 2.0 Inch

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

TIME	VOLUME PURGED	TEMP. °F	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	0.0	-	-	-	-	-	
	2.7	66.9	0.50	7.71	-	-	
	5.4	66.4	0.51	7.63	-	-	
	8.1	66.1	0.52	7.64	-	-	

SAMPLE NO.: Collected Sample No.: MW-6
 ANALYSES: BTEX (8260)
 COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. _____

WELL ID: MW-7
 DATE: 9/15/2008
 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: 76.68 Feet
 HEIGHT OF WATER COLUMN: 16.12 Feet
 WELL DIAMETER: 2.0 Inch

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

TIME	VOLUME PURGED	TEMP. °F	COND. m S/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	0.0	-	-	-	-	-	
	1.7	68.9	0.56	7.81	-	-	
	3.4	66.3	0.55	7.71	-	-	
	5.1	66.1	0.55	7.67	-	-	

SAMPLE NO.: Collected Sample No.: MW-7
 ANALYSES: BTEX (8260)
 COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-8
 SITE NAME: X Line (Etcheverry Ranch) DATE: 9/15/2008
 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:

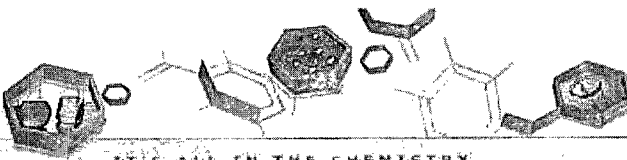
☒ Gloves ☐ Alconox ☐ Distilled Water Rinse ☐ Other: _____

TOTAL DEPTH OF WELL: 85.10 Feet
 DEPTH TO WATER: 77.95 Feet
 HEIGHT OF WATER COLUMN: 7.15 Feet
 WELL DIAMETER: 4.0 Inch

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

TIME	VOLUME PURGED	TEMP. °F	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	DRY	67.6	0.52	7.71			Bailed approximately 5 gallons

SAMPLE NO.: Collected Sample No.: MW-8
 ANALYSES: BTEX (8260)
 COMMENTS: Collected Duplicate Sample "DUP"



10/06/08

Technical Report for

American Environmental Consulting

DCP Midstream- X Line

Accutest Job Number: T23917

Sampling Date: 09/15/08



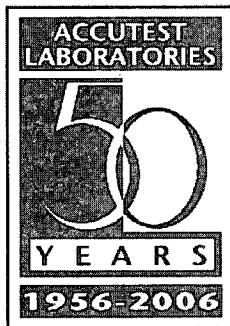
Report to:

American Environmental Consulting

mstewart@aecdenvr.com

ATTN: Mike Stewart

Total number of pages in report: 27



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

Client Service contact: Agnes Vicknair 713-271-4700

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

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Test results relate only to samples analyzed.

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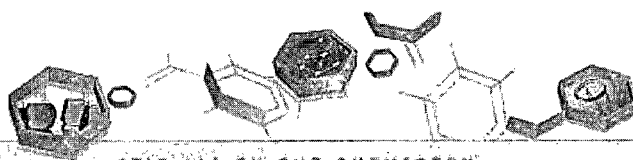
Sample Summary

American Environmental Consulting

Job No: T23917

DCP Midstream- X Line

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID
T23917-1	09/15/08	14:45	09/23/08	AQ Ground Water	MW-1
T23917-2	09/15/08	14:50	09/23/08	AQ Ground Water	MW-2
T23917-3	09/15/08	16:40	09/23/08	AQ Ground Water	MW-3
T23917-4	09/15/08	15:55	09/23/08	AQ Ground Water	MW-4
T23917-4D	09/15/08	15:55	09/23/08	AQ Water Dup/MSD	MW-4 MSD
T23917-4S	09/15/08	15:55	09/23/08	AQ Water Matrix Spike	MW-4 MS
T23917-5	09/15/08	15:50	09/23/08	AQ Ground Water	MW-5
T23917-6	09/15/08	15:20	09/23/08	AQ Ground Water	MW-6
T23917-7	09/15/08	15:15	09/23/08	AQ Ground Water	MW-7
T23917-8	09/15/08	00:00	09/23/08	AQ Ground Water	DUP
T23917-9	09/15/08	00:00	09/23/08	AQ Trip Blank Water	TRIP
T23917-10	09/15/08	16:10	09/23/08	AQ Ground Water	MW-8



IT'S ALL IN THE CHEMISTRY

Sample Results

Report of Analysis

Report of Analysis

Page 1 of 1

Client Sample ID: MW-1
 Lab Sample ID: T23917-1
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream- X Line

Date Sampled: 09/15/08
 Date Received: 09/23/08
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044412.D	1	09/27/08	JL	n/a	n/a	VZ2221
Run #2							

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

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		73-126%
17060-07-0	1,2-Dichloroethane-D4	82%		61-136%
2037-26-5	Toluene-D8	97%		80-125%
460-00-4	4-Bromofluorobenzene	96%		65-147%

U = Not detected SDL - Sample Detection Limit
 MQL = Method Quantitation 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

Page 1 of 1

Client Sample ID: MW-2
 Lab Sample ID: T23917-2
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream- X Line

Date Sampled: 09/15/08
 Date Received: 09/23/08
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044413.D	1	09/27/08	JL	n/a	n/a	VZ2221
Run #2							

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

Purgeable Aromatics

CAS No.	Compound	Result	MLQ	SDL	Units	Q
71-43-2	Benzene	0.00096	0.0020	0.00046	mg/l	J
108-88-3	Toluene	0.0312	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	0.0161	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	0.123	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		73-126%
17060-07-0	1,2-Dichloroethane-D4	83%		61-136%
2037-26-5	Toluene-D8	99%		80-125%
460-00-4	4-Bromofluorobenzene	98%		65-147%

U = Not detected SDL - Sample Detection Limit
 MLQ = Method Quantitation 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

Page 1 of 1

Client Sample ID:	MW-3	Date Sampled:	09/15/08
Lab Sample ID:	T23917-3	Date Received:	09/23/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream- X Line		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044414.D	1	09/27/08	JL	n/a	n/a	VZ2221
Run #2							

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

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		73-126%
17060-07-0	1,2-Dichloroethane-D4	84%		61-136%
2037-26-5	Toluene-D8	99%		80-125%
460-00-4	4-Bromofluorobenzene	96%		65-147%

U = Not detected SDL - Sample Detection Limit
 MLQ = Method Quantitation 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

Page 1 of 1

Client Sample ID: MW-4
 Lab Sample ID: T23917-4
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream- X Line

Date Sampled: 09/15/08
 Date Received: 09/23/08
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044415.D	1	09/27/08	JL	n/a	n/a	VZ2221
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		73-126%
17060-07-0	1,2-Dichloroethane-D4	85%		61-136%
2037-26-5	Toluene-D8	99%		80-125%
460-00-4	4-Bromofluorobenzene	99%		65-147%

U = Not detected SDL - Sample Detection Limit
 MLQ = Method Quantitation 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

Page 1 of 1

Client Sample ID: MW-5
Lab Sample ID: T23917-5
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: DCP Midstream- X Line

Date Sampled: 09/15/08
Date Received: 09/23/08
Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044416.D	1	09/27/08	JL	n/a	n/a	VZ2221
Run #2							

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

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		73-126%
17060-07-0	1,2-Dichloroethane-D4	85%		61-136%
2037-26-5	Toluene-D8	100%		80-125%
460-00-4	4-Bromofluorobenzene	97%		65-147%

U = Not detected SDL - Sample Detection Limit
MQL = Method Quantitation 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

Page 1 of 1

Client Sample ID: MW-6
 Lab Sample ID: T23917-6
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream- X Line

Date Sampled: 09/15/08
 Date Received: 09/23/08
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044417.D	1	09/27/08	JL	n/a	n/a	VZ2221
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	MLQ	SDL	Units	Q
71-43-2	Benzene	0.00046 U	0.0020	0.00046	mg/l	
108-88-3	Toluene	0.00048 U	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	0.0031	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	0.0014 U	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		73-126%
17060-07-0	1,2-Dichloroethane-D4	86%		61-136%
2037-26-5	Toluene-D8	100%		80-125%
460-00-4	4-Bromofluorobenzene	98%		65-147%

U = Not detected SDL - Sample Detection Limit
 MLQ = Method Quantitation 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

Page 1 of 1

Client Sample ID: MW-7
 Lab Sample ID: T23917-7
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream- X Line

Date Sampled: 09/15/08
 Date Received: 09/23/08
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044418.D	1	09/27/08	JL	n/a	n/a	VZ2221
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		73-126%
17060-07-0	1,2-Dichloroethane-D4	88%		61-136%
2037-26-5	Toluene-D8	101%		80-125%
460-00-4	4-Bromofluorobenzene	100%		65-147%

U = Not detected SDL - Sample Detection Limit
 MLQ = Method Quantitation 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

Page 1 of 1

Client Sample ID: DUP
 Lab Sample ID: T23917-8
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream- X Line

Date Sampled: 09/15/08

Date Received: 09/23/08

Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044419.D	1	09/27/08	JL	n/a	n/a	VZ2221
Run #2	Z0044472.D	10	09/28/08	JL	n/a	n/a	VZ2223

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

Purgeable Aromatics

CAS No.	Compound	Result	ML	SDL	Units	Q
71-43-2	Benzene	0.137	0.0020	0.00046	mg/l	
108-88-3	Toluene	0.245 ^a	0.020	0.0048	mg/l	
100-41-4	Ethylbenzene	0.166	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	2.34 ^a	0.060	0.014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	94%	73-126%
17060-07-0	1,2-Dichloroethane-D4	88%	81%	61-136%
2037-26-5	Toluene-D8	98%	106%	80-125%
460-00-4	4-Bromofluorobenzene	89%	99%	65-147%

(a) Result is from Run# 2

U = Not detected SDL - Sample Detection Limit
 ML = Method Quantitation 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

Page 1 of 1

Client Sample ID: TRIP
 Lab Sample ID: T23917-9
 Matrix: AQ - Trip Blank Water
 Method: SW846 8260B
 Project: DCP Midstream- X Line

Date Sampled: 09/15/08
 Date Received: 09/23/08
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0027015.D	1	09/28/08	JL	n/a	n/a	VY1898
Run #2							

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

Purgeable Aromatics

CAS No.	Compound	Result	MQL	SDL	Units	Q
71-43-2	Benzene	0.00046 U	0.0020	0.00046	mg/l	
108-88-3	Toluene	0.00048 U	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	0.00045 U	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	0.0018	0.0060	0.0014	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		73-126%
17060-07-0	1,2-Dichloroethane-D4	126%		61-136%
2037-26-5	Toluene-D8	117%		80-125%
460-00-4	4-Bromofluorobenzene	126%		65-147%

U = Not detected SDL - Sample Detection Limit
 MQL = Method Quantitation 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

Page 1 of 1

Client Sample ID: MW-8
 Lab Sample ID: T23917-10
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream- X Line

Date Sampled: 09/15/08
 Date Received: 09/23/08
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0044422.D	1	09/27/08	JL	n/a	n/a	VZ2221
Run #2	Z0044473.D	10	09/28/08	JL	n/a	n/a	VZ2223

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

Purgeable Aromatics

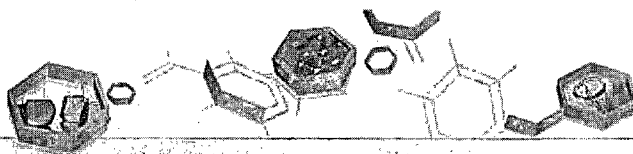
CAS No.	Compound	Result	MLQ	SDL	Units	Q
71-43-2	Benzene	0.132	0.0020	0.00046	mg/l	
108-88-3	Toluene	0.254 ^a	0.020	0.0048	mg/l	
100-41-4	Ethylbenzene	0.156	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	2.50 ^a	0.060	0.014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	94%	73-126%
17060-07-0	1,2-Dichloroethane-D4	79%	80%	61-136%
2037-26-5	Toluene-D8	97%	104%	80-125%
460-00-4	4-Bromofluorobenzene	87%	102%	65-147%

(a) Result is from Run# 2

U = Not detected SDL - Sample Detection Limit
 MLQ = Method Quantitation 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

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

Accutest Job #:

T 23917

Accutest Quota #:

Client Information				Facility Information				Analytical Information											
DCCP Midstream				American Environment Consulting, LLC				BTEX 8260B MSMSD BTEX 8260B											
Name 370 Seventeenth Street, Suite 2500				Project Name Hobbs Booster Station															
Address Denver CO 80202				Location Hobbs, New Mexico															
City State Zip				Project PO # K-LINE Hobbs Booster Station															
Stephen Weathers				FAX #:															
Send Report to:				Collection															
Phone #: 303.605.1718																			
Field ID / Point of Collection		Date	Time	Sampled By	Matrix	# of bottles	Preservation												
							ML	NUON	PHOS	PHOS4	PHOS4	None							
MW-1	T-145	9/15	1445	MS/AT	GW	3	X					X							
MW-2	1450	9/15	1445		GW	3	X					X							
MW-3	1640	9/15	1445		GW	3	X					X							
MW-4	1585	9/15	1520		GW	3	X					X							
MW-5	1550	9/15	1520		GW	3	X					X							
MW-6	1520	9/15	1520		GW	3	X					X							
MW-7	1515	9/15	1515		GW	3	X					X							
DUP		9/15	0016		GW	3	X					X							
TRIP		9/15			GW	3	X					X							
MW-4 MS/MSD		9/15	1535	✓	GW	6	X						X						
MW-8		9/15	1615																
Turnaround Information				Data Deliverable Information				Comments / Remarks											
☐ 21 Day Standard ☐ 14 Day ☒ 7 Days EMERGENCY ☐ Other _____ (Days) RUSH TAT is for FAX data unless otherwise approved.				Approved By: _____ ☐ NJ Reduced ☐ NJ Full ☐ FULL CLP ☐ Disk Deliverable ☐ Other (Specify) _____				☐ Commercial "A" ☐ Commercial "B" ☐ ASP Category B ☐ State Forms											
Sample Custody must be documented below each time samples change possession, including courier delivery.																			
Relinquished by Sampler:		Date:		Received By:		Date:		Relinquished by:		Date:		Received By:		Date:					
1		9/25/08		1				2				2							
Relinquished by Sampler:		Date:		Received By:		Date:		Relinquished by:		Date:		Received By:		Date:					
3				3				4				4							
Relinquished by Sampler:		Date:		Received By:		Date:		Seal #		Preserved where applicable		On Ice:							
5		9.25.08		5 Van Horn										4.6					

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T23917: Chain of Custody
Page 1 of 3

SAMPLE INSPECTION FORM

Accutest Job Number: T23917 Client: DCP MIDSTREAM Project: Hobbs Booster Station X-LINE
 Date/Time Received: 9.23.08 9:20 # of Coolers Received: 1 Thermometer # 110
 Cooler Temps: #1: 4.6 #2: #3: #4: #5: #6: #7: #8:
 Method of Delivery: FEDEX UPS Accutest Courier Greyhound Delivery Other
 Airbill Numbers: 8643-9451-5312

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

- ☒ 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 rec'd 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:

one vial of sample DCP was received broken

TECHNICIAN SIGNATURE/DATE: Van Pelt 9.23.08

INFORMATION AND SAMPLE LABELING VERIFIED BY: J.N.

CORRECTIVE ACTIONS

Client Representative Notified: Date:

By Accutest Representative: Via: Phone Email

Client Instructions:

1:\mwalker\forms\samplemanagement

T23917: Chain of Custody

Page 2 of 3

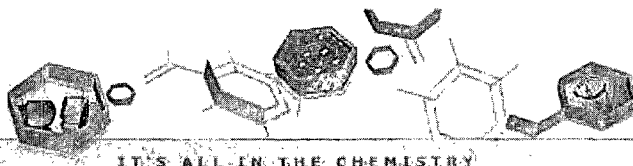
3.1

CLIENT: D&D MIDSTREAM INITIALS: IR

[illegible]

Rev 8/13/01 ewp

Page 3 of 3



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

Page 1 of 1

Job Number: T23917
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2221-MB	Z0044411.D	1	09/27/08	JL	n/a	n/a	VZ2221

The QC reported here applies to the following samples:

Method: SW846 8260B

T23917-1, T23917-2, T23917-3, T23917-4, T23917-5, T23917-6, T23917-7, T23917-8, T23917-10

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	95%	73-126%
17060-07-0	1,2-Dichloroethane-D4	81%	61-136%
2037-26-5	Toluene-D8	98%	80-125%
460-00-4	4-Bromofluorobenzene	97%	65-147%

Method Blank Summary

Page 1 of 1

Job Number: T23917
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY1898-MB	Y0027003.D 1		09/28/08	JL	n/a	n/a	VY1898

The QC reported here applies to the following samples:

Method: SW846 8260B

T23917-9

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	94%	73-126%
17060-07-0	1,2-Dichloroethane-D4	115%	61-136%
2037-26-5	Toluene-D8	112%	80-125%
460-00-4	4-Bromofluorobenzene	119%	65-147%

Method Blank Summary

Page 1 of 1

Job Number: T23917
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2223-MB	Z0044459.D	1	09/28/08	JL	n/a	n/a	VZ2223

4.1
4

The QC reported here applies to the following samples:

Method: SW846 8260B

T23917-8, T23917-10

CAS No.	Compound	Result	RL	MDL	Units	Q
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	95%	73-126%
17060-07-0	1,2-Dichloroethane-D4	82%	61-136%
2037-26-5	Toluene-D8	105%	80-125%
460-00-4	4-Bromofluorobenzene	103%	65-147%

Blank Spike Summary

Page 1 of 1

Job Number: T23917
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2221-BS	Z0044409.D	1	09/27/08	JL	n/a	n/a	VZ2221

The QC reported here applies to the following samples:

Method: SW846 8260B

T23917-1, T23917-2, T23917-3, T23917-4, T23917-5, T23917-6, T23917-7, T23917-8, T23917-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.4	98	41-145
100-41-4	Ethylbenzene	25	24.4	98	49-135
108-88-3	Toluene	25	24.3	97	66-128
1330-20-7	Xylene (total)	75	74.0	99	67-122

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	73-126%
17060-07-0	1,2-Dichloroethane-D4	80%	61-136%
2037-26-5	Toluene-D8	96%	80-125%
460-00-4	4-Bromofluorobenzene	93%	65-147%

Blank Spike Summary

Page 1 of 1

Job Number: T23917
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY1898-BS	Y0027001.D	1	09/28/08	JL	n/a	n/a	VY1898

The QC reported here applies to the following samples:

Method: SW846 8260B

T23917-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	31.1	124	41-145
100-41-4	Ethylbenzene	25	30.1	120	49-135
108-88-3	Toluene	25	29.5	118	66-128
1330-20-7	Xylene (total)	75	88.7	118	67-122

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	124%	73-126%
17060-07-0	1,2-Dichloroethane-D4	147%*	61-136%
2037-26-5	Toluene-D8	134%*	80-125%
460-00-4	4-Bromofluorobenzene	132%	65-147%

Blank Spike Summary

Page 1 of 1

Job Number: T23917
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2223-BS	Z0044457.D	1	09/28/08	JL	n/a	n/a	VZ2223

4.2



The QC reported here applies to the following samples:

Method: SW846 8260B

T23917-8, T23917-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
108-88-3	Toluene	25	24.5	98	66-128
1330-20-7	Xylene (total)	75	70.9	95	67-122

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	73-126%
17060-07-0	1,2-Dichloroethane-D4	79%	61-136%
2037-26-5	Toluene-D8	101%	80-125%
460-00-4	4-Bromofluorobenzene	101%	65-147%



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ACCUTEST
T23917 Laboratories

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T23917
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T23917-4MS	Z0044423.D	1	09/27/08	JL	n/a	n/a	VZ2221
T23917-4MSD	Z0044424.D	1	09/27/08	JL	n/a	n/a	VZ2221
T23917-4	Z0044415.D	1	09/27/08	JL	n/a	n/a	VZ2221

The QC reported here applies to the following samples:

Method: SW846 8260B

T23917-1, T23917-2, T23917-3, T23917-4, T23917-5, T23917-6, T23917-7, T23917-8, T23917-10

CAS No.	Compound	T23917-4 ug/l	Spike Q	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	2.0 U	25	23.7	95	23.4	94	1	60-131/12
100-41-4	Ethylbenzene	2.0 U	25	24.8	99	23.4	94	6	58-127/13
108-88-3	Toluene	2.0 U	25	25.7	103	24.3	97	6	67-123/11
1330-20-7	Xylene (total)	6.0 U	75	77.2	103	73.0	97	6	62-125/14

CAS No.	Surrogate Recoveries	MS	MSD	T23917-4	Limits
1868-53-7	Dibromofluoromethane	95%	96%	96%	73-126%
17060-07-0	1,2-Dichloroethane-D4	77%	77%	85%	61-136%
2037-26-5	Toluene-D8	99%	99%	99%	80-125%
460-00-4	4-Bromofluorobenzene	95%	96%	99%	65-147%

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T23917
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T23918-9MS	Z0044476.D	5	09/28/08	JL	n/a	n/a	VZ2223
T23918-9MSD	Z0044477.D	5	09/29/08	JL	n/a	n/a	VZ2223
T23918-9	Z0044475.D	5	09/28/08	JL	n/a	n/a	VZ2223

The QC reported here applies to the following samples:

Method: SW846 8260B

T23917-8, T23917-10

CAS No.	Compound	T23918-9 ug/l	Spike Q	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
108-88-3	Toluene	10 U	125	130	104	133	106	2	67-123/11
1330-20-7	Xylene (total)	54.9	375	377	84	371	82	2	62-125/14

CAS No.	Surrogate Recoveries	MS	MSD	T23918-9	Limits
1868-53-7	Dibromofluoromethane	94%	96%	91%	73-126%
17060-07-0	1,2-Dichloroethane-D4	79%	79%	77%	61-136%
2037-26-5	Toluene-D8	104%	105%	108%	80-125%
460-00-4	4-Bromofluorobenzene	102%	102%	106%	65-147%



RECEIVED

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

August 26, 2008

2008 AUG 29 AM 11 10

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

**RE: 2nd 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 2nd 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
Sr. Environmental Specialist

cc: Mrs. Etcheverry, Landowner - Certified Mail 91 7108 2133 3932 9035 1307
Larry Johnson, OCD Hobbs District Office (Copy on CD)
Environmental Files

2008 AUG 29 AM 11:10

RECEIVED

August 21, 2008

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

Re: Second 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 second quarter 2008 groundwater monitoring activities completed June 27, 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. All eight wells were sampled. 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. Well MW-8 was bailed to within 1 foot of its total depth. 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-8. A matrix spike/matrix spike duplicate was analyzed from MW-7.

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

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 remained relatively uniform across the site. Well MW-8 is not included because its casing elevation is not established.

A water-table contour map based upon the June 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.

No free phase hydrocarbons (FPH) were measured in MW-8. The FPH thickness measured during the entire monitoring program is summarized in Table 3. FPH was not measured for the second consecutive quarter. FPH thickness will continued to be monitored and controlled using the soil vapor extraction system as necessary.

Table 4 summarizes the June 2008 sampling results. A copy of the laboratory report is attached. Examination of Table 4 indicates the following:

1. No benzene was detected above the method reporting limit in wells MW- 1 through MW-7.
2. Benzene was measured between the method detection limit and the method reporting limit in MW-2; however, the measured value is over an order of magnitude less than the New Mexico Water Quality Control Commission (NMWQCC) groundwater standard
3. Toluene, ethylbenzene and xylenes were not measured in MW-1, MW-3, MW-4, MW-5 and MW-7.
4. MW-2 contained trace concentrations of the BTEX constituents, but they were well below their respective NMWQCC groundwater standards.
5. Toluene was measured in MW-6 between the method detection limit and the method reporting limit at a concentration that is more than two orders of magnitude below the NMWQCC groundwater standard. Ethylbenzene and xylenes were not measured in MW-6.
6. Benzene and xylenes were both measured in MW-8 above the NMWQCC groundwater standard.

The quality assurance/quality control evaluation is summarized on Table 5. Important facts include:

1. The cooler temperature was measured at 2.1° C upon receipt by the laboratory
2. The surrogate spikes were all within their respective control ranges.
3. The relative percentage difference value for benzene was below 10 percent. The other constituents exceeded 20 percent.
4. The laboratory blanks and internal spikes were within acceptable ranges.
5. The matrix spike and the matrix spike duplicate results for MW-7 were all within their acceptable ranges.
6. The trip blank contained no detectable constituents.

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

The June 2008 benzene distribution is shown on Figure 5. The BTEX constituents in MW-8 attenuated to below the method reporting limit before migrating 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 BTEX concentrations for samples collected from MW-8 when FPH was not present are summarized below and graphed on Figure 6.

Constituent	12/12/05	9/28/06	3/13/07	3/20/08	6/27/08
Benzene	0.561	0.24	0.42	0.28	0.18
Toluene	2.98	0.791	0.977	0.35	0.0971
Ethylbenzene	.928	0.239	0.437	0.15	0.388
Xylenes	9.89	2.27	3.35	2.80	4.95

Examination of these data indicate that the concentrations are declining. These trends will be evaluated in subsequent monitoring episodes.

The next monitoring episode is scheduled for the third quarter of 2008. 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
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	4,089.36
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	4,089.21
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	4,089.00
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	4,088.84
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	4,088.76
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	4,088.89
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	4,087.81

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

Units are feet

Table 4 – June 27, 2008 Groundwater Monitoring Results

Well	Benzene	Toluene	Ethylbenzene	Xylene (total)
NMWQCC Standards	0.01	0.75	0.75	0.62
MW-1	<0.002	<0.002	<0.002	<0.006
MW-2	0.00096J	0.0073	0.0229	0.054
MW-3	<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	0.00098J	<0.002	<0.006
MW-7	<0.002	<0.002	<0.002	<0.006
MW-8	0.177	0.0802	0.275	2.57
MW-8 DUP	0.191	0.114	0.501	7.34
TRIP	<0.002	<0.002	<0.002	<0.006

Notes: Units are mg/l

NMWQCC Standards: New Mexico Water Quality Control Commission Groundwater Standards

A J value quantifies a constituent that was measured between the method detection limit and the method reporting limit.

Table 5 – June 2008 Quality Assurance and Quality Control Results

Field Duplicate Relative Percentage Difference Values for MW-8

	Benzene	Toluene	Ethyl Benzene	Xylenes (total)
RPD (%)	-7.6%	-34.8%	-58.2%	-96.3%

MW-7 Matrix Spike/Matrix Spike Duplicate Results

	Benzene	Toluene	Ethylbenzene	Xylenes (total)
Matrix Spike	97	98	96	94
Matrix Spike Duplicate	93	94	93	91

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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00093J	<0.002	<0.002
MW-2	<0.001	0.0006	0.0007	<0.001	0.000674	<0.001	<0.002	0.00057J	<0.002	0.00096J
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00053J	<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
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00074J	<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
MW-8	FPH	FPH	0.24	FPH	0.42	FPH	FPH	FPH	0.28	0.18

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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.0012J	<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
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00098J	<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
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002
MW-8	FPH	FPH	0.791	FPH	0.977	FPH	FPH	FPH	0.35	0.0971

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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002
MW-2	<0.001	<0.001	0.0003	<0.001	0.00120	0.0024	<0.002	0.000761	0.01	0.0229
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0011	<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
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002
MW-8	FPH	FPH	0.239	FPH	0.437	FPH	FPH	FPH	0.15	0.388

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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	0.0028J	<0.006	<0.002
MW-2	<0.001	0.00125J	0.0014	<0.001	0.00770	0.013	0.0078	0.0051J	0.06	0.0229
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006	<0.006	<0.002
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	0.0016J	<0.006	<0.002
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006	<0.006	<0.002
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006	<0.006	<0.002
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006	<0.006	<0.002
MW-8	FPH	FPH	2.27	FPH	3.35	FPH	FPH	FPH	2.80	0.388

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

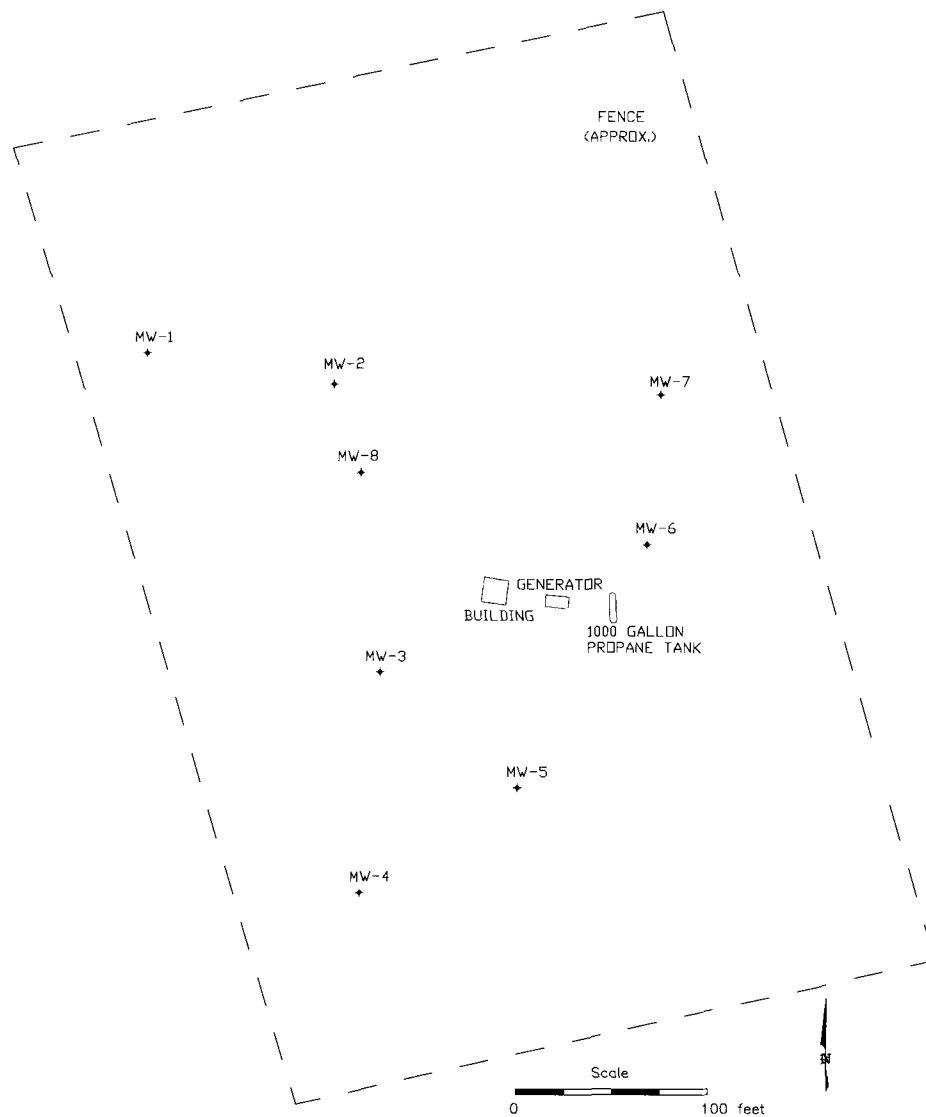


Figure 2 – Facility Configuration
X-Line Monitoring



DRAWN BY: MHS

REVISED:

DATE: 1/07

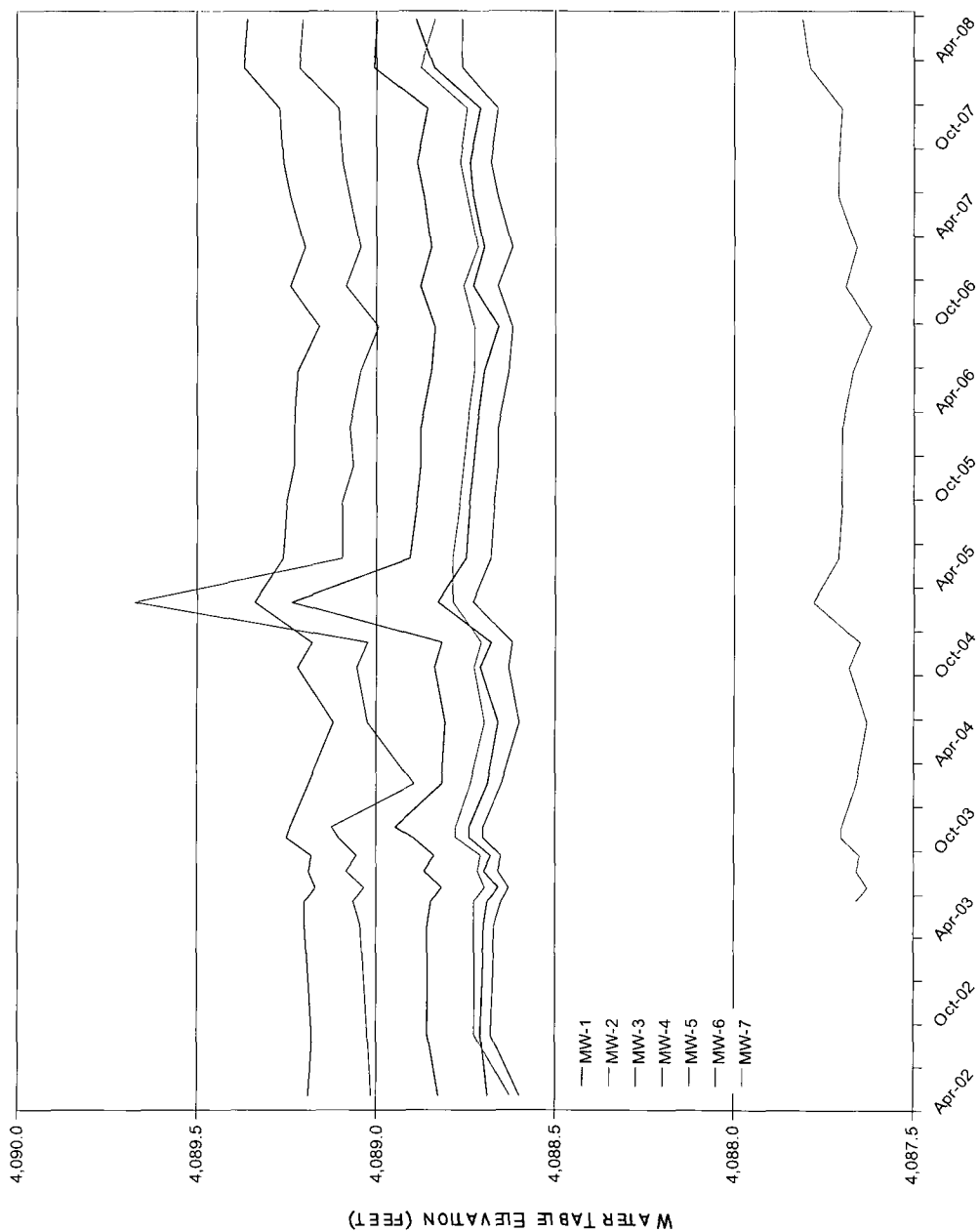


Figure 3 – Well Hydrographs

X-Line Monitoring

dcp
Midstream

DRAWN BY: MHS

DATE: 7/08

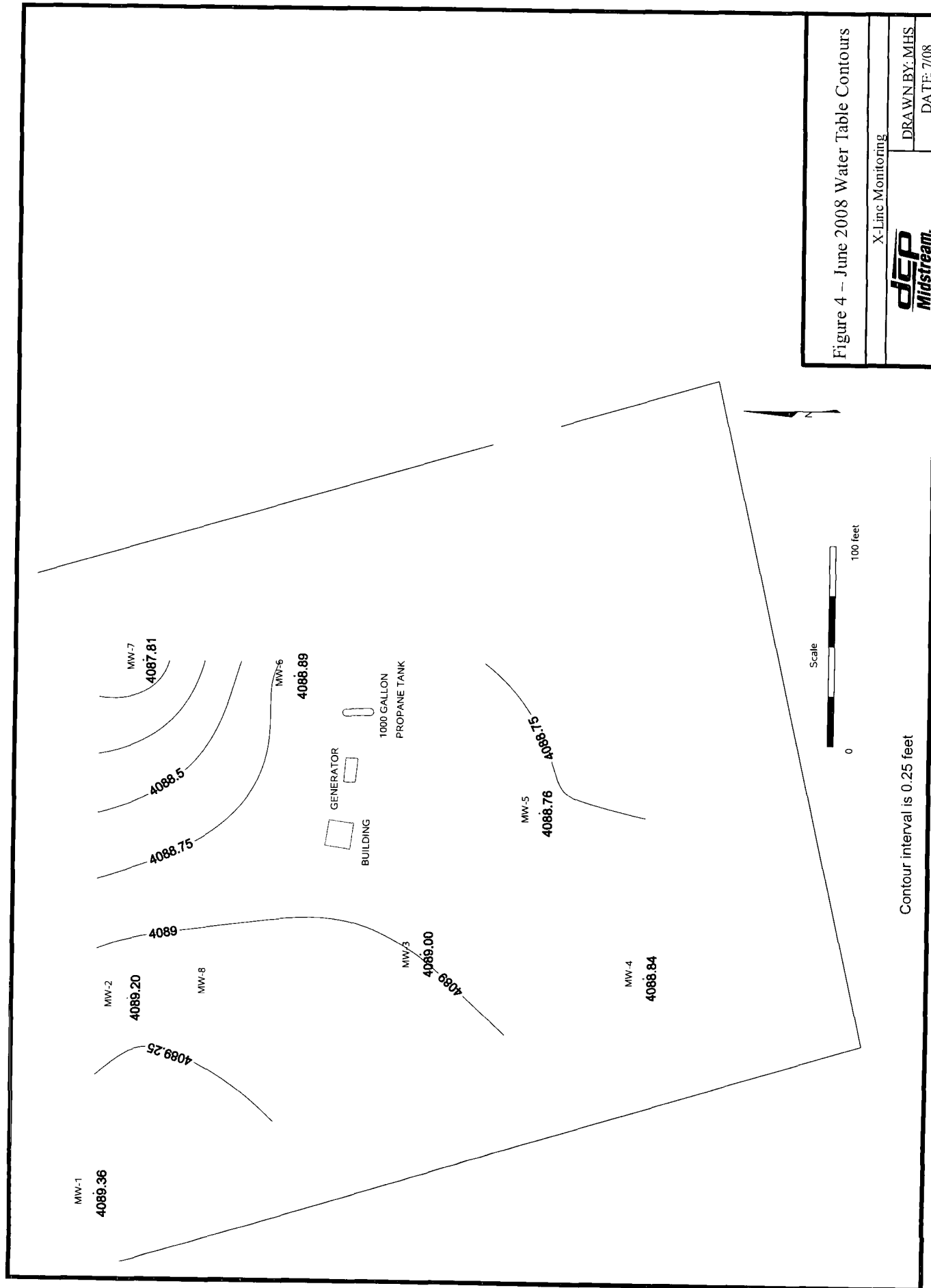


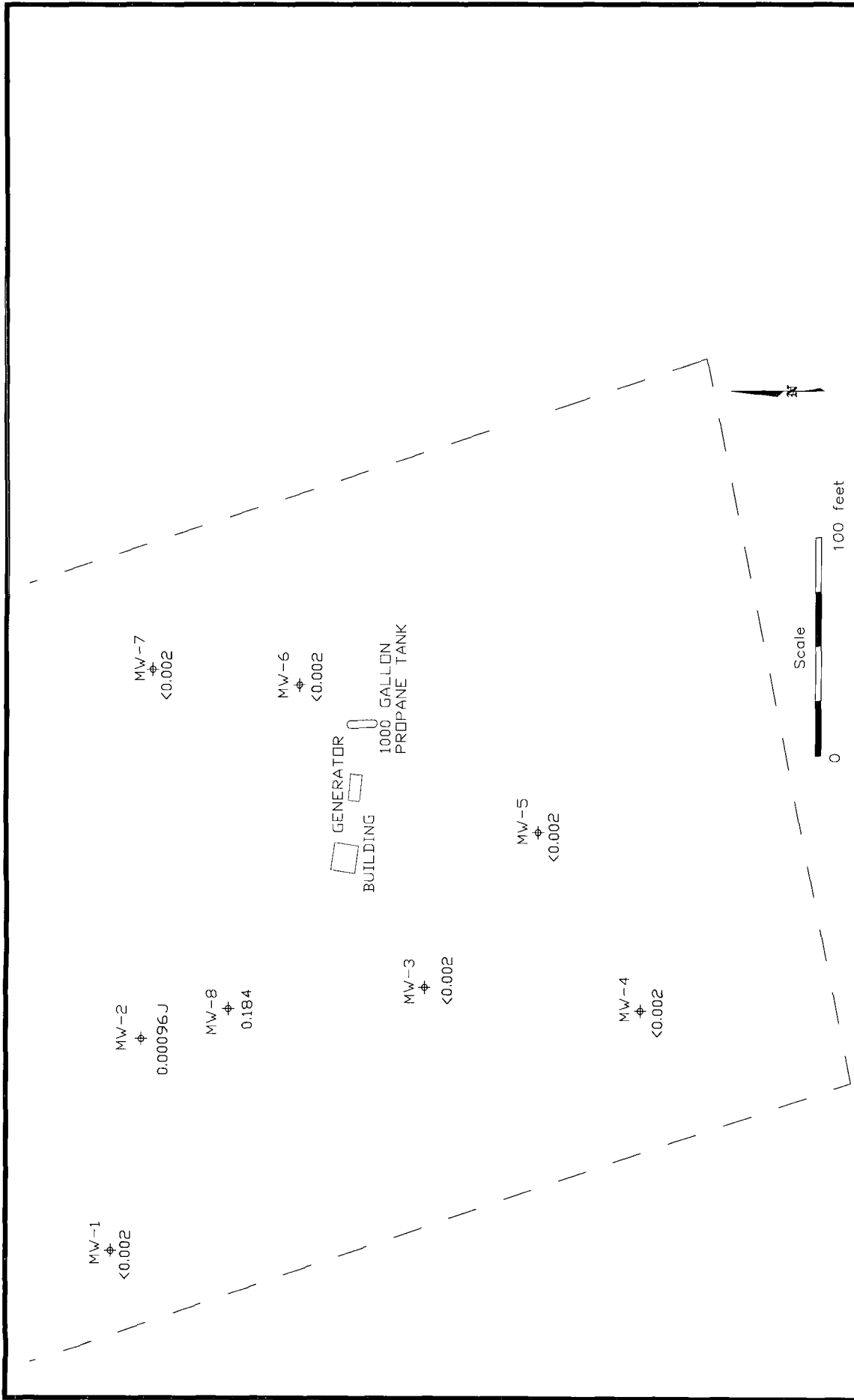
Figure 4 -- June 2008 Water Table Contours

X-Line Monitoring

dap
Midstream.

DRAWN BY: MHS

DATE: 7/08



Units are mg/l

Figure 5 - June 2008 Benzene Concentrations

X-Line Monitoring



DRAWN BY: MHS

DATE: 7/08

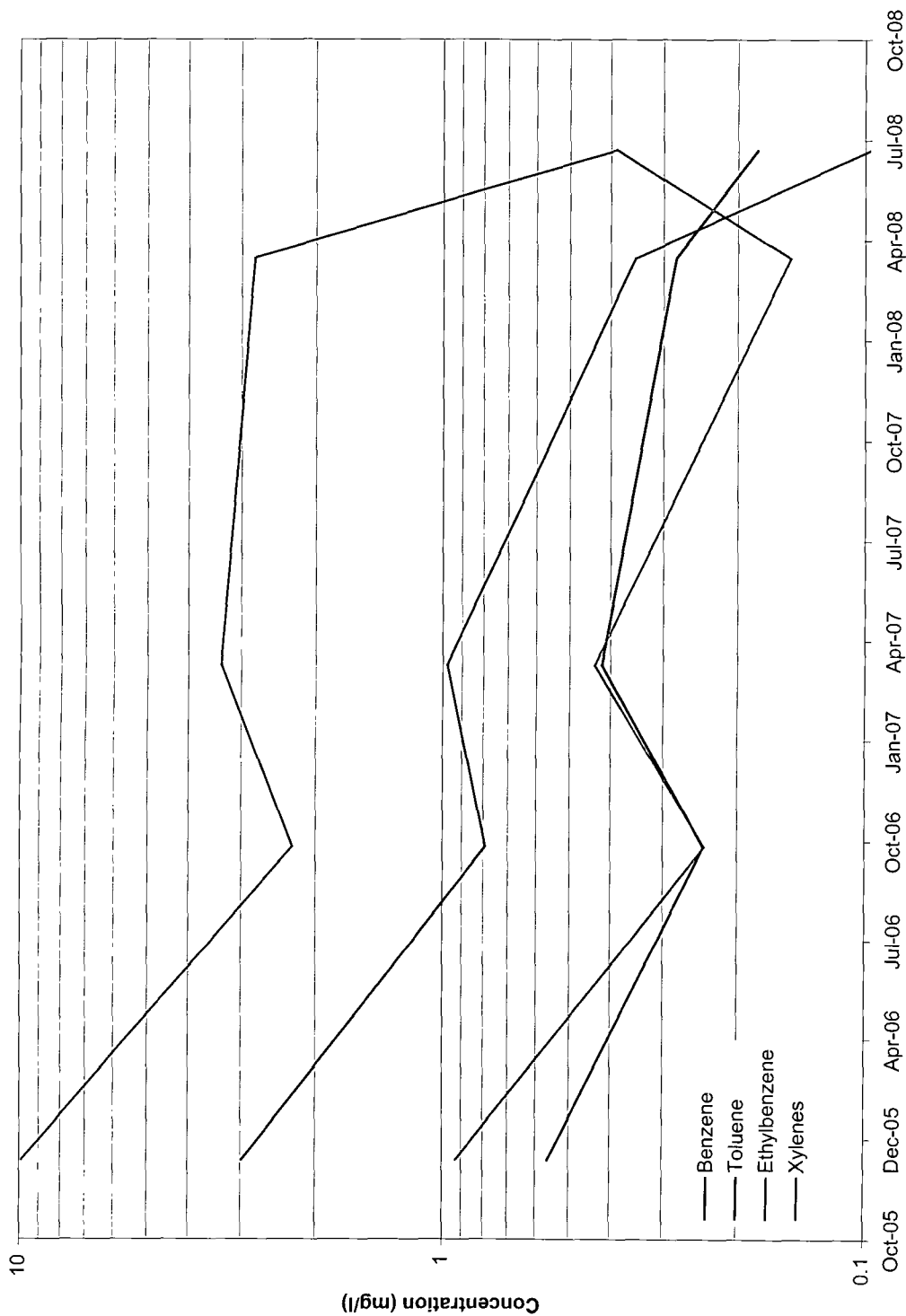


Figure 6 - BTEX Concentrations in MW-8
When FPH is Not Present

X-Line Monitoring

dcp
Midstream

DRAWN BY: MHS
DATE: 7/08

FIELD SAMPLING FORMS
AND
LABORATORY ANALYTICAL REPORT

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. _____

WELL ID: MW-1
 DATE: 6/27/2008
 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: 77.33 Feet
 HEIGHT OF WATER COLUMN: 16.97 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. °F	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	0.0	-		-	-	-	
	2.7	64.7	0.58	7.47	-	-	
	5.4	64.5	0.59	7.45	-	-	
	7.1	64.6	0.59	7.46	-	-	
0:00	:Total Time (hr:min)		7.1	:Total Vol (gal)		:Flow Rate (gal/min)	

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

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. _____

WELL ID: MW-2
 DATE: 6/27/2008
 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: 77.31 Feet
 HEIGHT OF WATER COLUMN: 12.59 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. °F	COND. m S/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	0.0	-	-	-	-	-	
	2.3	64.7	0.81	7.10			
	4.6	64.7	0.76	7.21			
	6.9	64.7	0.74	7.26			
0:00	:Total Time (hr:min)		6.9	:Total Vol (gal)		#DIV/0! :Flow Rate (gal/min)	

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

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. _____

WELL ID: MW-3
 DATE: 6/27/2008
 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: 77.33 Feet
 HEIGHT OF WATER COLUMN: 15.47 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. °F	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	0.0	-	-	-	-	-	
	3	67.8	0.73				
	6	69.1	0.73				
	9	66.5	0.71				
0:00 :Total Time (hr:min)			9	:Total Vol (gal)		#DIV/0! :Flow Rate (gal/min)	

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

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. _____

WELL ID: MW-4
 DATE: 6/27/2008
 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. °F	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	0.0	-	-	-	-	-	
	2.7	66.9	0.56	7.55	-	-	
	5.4	65.7	0.56	7.49	-	-	
	8.1	65.8	0.56	7.57	-	-	
0:00 :Total Time (hr:min)			8.1 :Total Vol (gal)			#DIV/0! :Flow Rate (gal/min)	

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

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. _____

WELL ID: MW-5
 DATE: 6/27/2008
 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: 77.14 Feet
 HEIGHT OF WATER COLUMN: 13.96 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. °F	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	0.0	-	-	-	-	-	
	2.6	65.7	0.62		-	-	
	5.2	65.8	0.61		-	-	
	7.8	65.8	0.61		-	-	
0:00 :Total Time (hr:min)			7.8 :Total Vol (gal)			#DIV/0! :Flow Rate (gal/min)	

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

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. _____

WELL ID: MW-6
 DATE: 6/27/2008
 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: 77.00 Feet
 HEIGHT OF WATER COLUMN: 15.90 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. °F	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	0.0	-	-	-	-	-	
	2.7	65.3	0.54	7.32	-	-	
	5.4	65.3	0.54	7.29	-	-	
	8.1	65.2	0.54	7.52	-	-	
0:00	:Total Time (hr:min)		8.1	:Total Vol (gal)		#DIV/0! :Flow Rate (gal/min)	

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

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. _____

WELL ID: MW-7
 DATE: 6/27/2008
 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: 76.62 Feet
 HEIGHT OF WATER COLUMN: 16.18 Feet
 WELL DIAMETER: 2.0 Inch

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

TIME	VOLUME PURGED	TEMP. °F	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	0.0	-	-	-	-	-	
	1.7	65.0	0.58	7.51	-	-	
	3.4	65.0	0.57	7.46	-	-	
	5.1	65.0	0.56	7.51	-	-	
0:00 :Total Time (hr:min)		5.1 :Total Vol (gal)		#DIV/0! :Flow Rate (gal/min)			

SAMPLE NO.: Collected Sample No.: MW-7
 ANALYSES: BTEX (8260)
 COMMENTS: Collected MS/MSD Samples

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. _____

WELL ID: MW-8
 DATE: 6/27/2008
 SAMPLER: M Stewart/A Taylor

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

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

TOTAL DEPTH OF WELL: 85.10 Feet
 DEPTH TO WATER: 77.93 Feet
 HEIGHT OF WATER COLUMN: 7.17 Feet
 WELL DIAMETER: 4.0 Inch

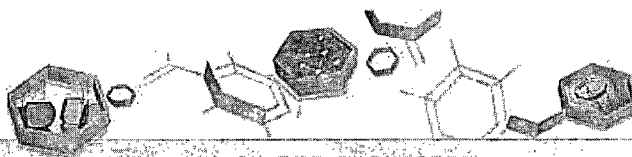
14.0 Minimum Gallons to
 purge 3 well volumes
 (Water Column Height x 1.96)

TIME	VOLUME PURGED	TEMP. °F	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
	DRY	68.3	0.53	7.45			
0:00	:Total Time (hr:min)		0	:Total Vol (gal)		#DIV/0!	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: MW-8

ANALYSES: BTEX (8260)

COMMENTS: Collected Duplicate Sample "DUP"



07/29/08

Technical Report for

American Environmental Consulting

DCP Midstream- X Line

Accutest Job Number: T22827

Sampling Date: 06/27/08

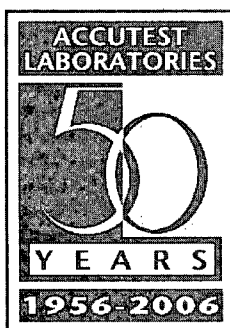
Report to:

American Environmental Consulting

mstewart@aecdenvr.com

ATTN: Mike Stewart

Total number of pages in report: 31



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

Client Service contact: Agnes Vicknair 713-271-4700

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

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Test results relate only to samples analyzed.

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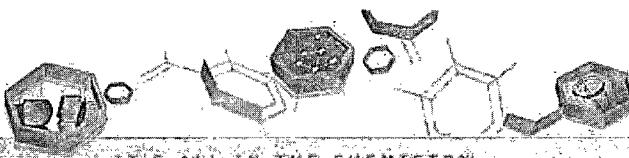
Sample Summary

American Environmental Consulting

Job No: T22827

DCP Midstream- X Line

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
T22827-1	06/27/08	06:45 MS	07/02/08	AQ	Ground Water	MW-1
T22827-2	06/27/08	06:50 MS	07/02/08	AQ	Ground Water	MW-2
T22827-3	06/27/08	08:50 MS	07/02/08	AQ	Ground Water	MW-3
T22827-4	06/27/08	08:05 MS	07/02/08	AQ	Ground Water	MW-4
T22827-5	06/27/08	08:15 MS	07/02/08	AQ	Ground Water	MW-5
T22827-6	06/27/08	07:30 MS	07/02/08	AQ	Ground Water	MW-6
T22827-7	06/27/08	07:20 MS	07/02/08	AQ	Ground Water	MW-7
T22827-7D	06/27/08	07:20 MS	07/02/08	AQ	Water Dup/MSD	MW-7 MSD
T22827-7S	06/27/08	07:20 MS	07/02/08	AQ	Water Matrix Spike	MW-7 MS
T22827-8	06/27/08	00:00 MS	07/02/08	AQ	Ground Water	DUP
T22827-9	06/27/08	00:00 MS	07/02/08	AQ	Trip Blank Water	TRIP BLANK
T22827-10	06/27/08	08:45 MS	07/02/08	AQ	Ground Water	MW-8



Sample Results

Report of Analysis

Report of Analysis

Page 1 of 1

Client Sample ID:	MW-1	Date Sampled:	06/27/08
Lab Sample ID:	T22827-1	Date Received:	07/02/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream- X Line		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0042202.D	1	07/07/08	JL	n/a	n/a	VZ2119
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%		73-126%
17060-07-0	1,2-Dichloroethane-D4	103%		61-136%
2037-26-5	Toluene-D8	101%		80-125%
460-00-4	4-Bromofluorobenzene	98%		65-147%

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

Page 1 of 1

Client Sample ID: MW-2
 Lab Sample ID: T22827-2
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream- X Line

Date Sampled: 06/27/08
 Date Received: 07/02/08
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0042203.D	1	07/07/08	JL	n/a	n/a	VZ2119
Run #2							

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

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.00096	0.0020	0.00046	mg/l	J
108-88-3	Toluene	0.0229	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	0.0073	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	0.0540	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		73-126%
17060-07-0	1,2-Dichloroethane-D4	102%		61-136%
2037-26-5	Toluene-D8	102%		80-125%
460-00-4	4-Bromofluorobenzene	100%		65-147%

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

Page 1 of 1

Client Sample ID:	MW-3	Date Sampled:	06/27/08
Lab Sample ID:	T22827-3	Date Received:	07/02/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream- X Line		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0042204.D	1	07/07/08	JL	n/a	n/a	VZ2119
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	101%		73-126%
17060-07-0	1,2-Dichloroethane-D4	104%		61-136%
2037-26-5	Toluene-D8	100%		80-125%
460-00-4	4-Bromofluorobenzene	101%		65-147%

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

Page 1 of 1

Client Sample ID: MW-4
 Lab Sample ID: T22827-4
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream- X Line

Date Sampled: 06/27/08
 Date Received: 07/02/08
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0042205.D	1	07/07/08	JL	n/a	n/a	VZ2119
Run #2							

Run #	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	103%		73-126%
17060-07-0	1,2-Dichloroethane-D4	102%		61-136%
2037-26-5	Toluene-D8	99%		80-125%
460-00-4	4-Bromofluorobenzene	101%		65-147%

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

Page 1 of 1

Client Sample ID: MW-5
 Lab Sample ID: T22827-5
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream- X Line

Date Sampled: 06/27/08
 Date Received: 07/02/08
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0042218.D	1	07/08/08	JL	n/a	n/a	VZ2120
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	101%		73-126%
17060-07-0	1,2-Dichloroethane-D4	102%		61-136%
2037-26-5	Toluene-D8	101%		80-125%
460-00-4	4-Bromofluorobenzene	100%		65-147%

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

Page 1 of 1

Client Sample ID: MW-6
 Lab Sample ID: T22827-6
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream- X Line

Date Sampled: 06/27/08
 Date Received: 07/02/08
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0042219.D	1	07/08/08	JL	n/a	n/a	VZ2120
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	0.00098	0.0020	0.00045	mg/l	J
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	101%		73-126%
17060-07-0	1,2-Dichloroethane-D4	102%		61-136%
2037-26-5	Toluene-D8	101%		80-125%
460-00-4	4-Bromofluorobenzene	100%		65-147%

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

Page 1 of 1

Client Sample ID: MW-7
 Lab Sample ID: T22827-7
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream- X Line

Date Sampled: 06/27/08
 Date Received: 07/02/08
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0042220.D	1	07/08/08	JL	n/a	n/a	VZ2120
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%		73-126%
17060-07-0	1,2-Dichloroethane-D4	105%		61-136%
2037-26-5	Toluene-D8	101%		80-125%
460-00-4	4-Bromofluorobenzene	101%		65-147%

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

Page 1 of 1

Client Sample ID: DUP
 Lab Sample ID: T22827-8
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: DCP Midstream- X Line

Date Sampled: 06/27/08
 Date Received: 07/02/08
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0042221.D	1	07/08/08	JL	n/a	n/a	VZ2120
Run #2	Z0042245.D	20	07/08/08	JL	n/a	n/a	VZ2121

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

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.191	0.0020	0.00046	mg/l	
108-88-3	Toluene	0.501 ^a	0.040	0.0097	mg/l	
100-41-4	Ethylbenzene	0.114	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	7.34 ^a	0.12	0.027	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%	100%	73-126%
17060-07-0	1,2-Dichloroethane-D4	98%	100%	61-136%
2037-26-5	Toluene-D8	100%	99%	80-125%
460-00-4	4-Bromofluorobenzene	11852% ^b	100%	65-147%

(a) Result is from Run# 2

(b) Outside control limits due to matrix interference. Confirmed by reanalysis.

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

Page 1 of 1

Client Sample ID: TRIP BLANK
 Lab Sample ID: T22827-9
 Matrix: AQ - Trip Blank Water
 Method: SW846 8260B
 Project: DCP Midstream- X Line

Date Sampled: 06/27/08
 Date Received: 07/02/08
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0042217.D	1	07/08/08	JL	n/a	n/a	VZ2120
Run #2							

Run #	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	101%		73-126%
17060-07-0	1,2-Dichloroethane-D4	103%		61-136%
2037-26-5	Toluene-D8	101%		80-125%
460-00-4	4-Bromofluorobenzene	100%		65-147%

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

Page 1 of 1

Client Sample ID:	MW-8	Date Sampled:	06/27/08
Lab Sample ID:	T22827-10	Date Received:	07/02/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	DCP Midstream- X Line		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z0042244.D	1	07/08/08	JL	n/a	n/a	VZ2121
Run #2	Z0042296.D	10	07/09/08	JL	n/a	n/a	VZ2123

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

Purgeable Aromatics

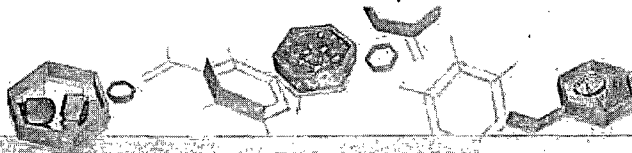
CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.177	0.0020	0.00046	mg/l	
108-88-3	Toluene	0.275 ^a	0.020	0.0048	mg/l	
100-41-4	Ethylbenzene	0.0802	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	2.57 ^a	0.060	0.014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	101%	73-126%
17060-07-0	1,2-Dichloroethane-D4	99%	99%	61-136%
2037-26-5	Toluene-D8	99%	100%	80-125%
460-00-4	4-Bromofluorobenzene	92%	101%	65-147%

(a) Result is from Run# 2

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



IT'S ALL IN THE CHEMISTRY



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

15

Accutest Job #: **T22827**
Accutest Quote #:

Client Information				Facility Information				Analytical Information															
DCP Midstream				American Environmental Consulting, LP																			
Name 370 Seventeenth Street, Suite 2500				Project Name																			
Address Denver CO 80202				Location																			
City State Zip Denver CO 80202				Project/PO #: DCP Midstream X Line																			
Send Report to: Phone #: 303.605.1718				FAX #:																			
				Collection				Preservation															
Field ID / Point of Collection				Date	Time	Sampled By	Matrix	# of bottles	CL	NaOH	HNO3	H2SO4	None										
MW-1				6/27/08	645	MS	GW	3	X					X									
MW-2				6/27/08	650	MS	GW	3	X					X									
MW-3				6/27/08	850	MS	GW	3	X					X									
MW-4				6/27/08	805	MS	GW	3	X					X									
MW-5				6/27/08	815	MS	GW	3	X					X									
MW-6				6/27/08	730	MS	GW	3	X					X									
MW-7				6/27/08	720	MS	GW	3	X					X									
DUP				6/27/08	600	MS	GW	3	X					X									
TRIP				6/27/08	-	Lab	GW	3	X					X									
MS/MSD MW-7				6/27/08	720	MS	GW	6	X					X									
MW-8				6/27/08	845	MS	GW	3	X					X									
Turnaround Information				Data Deliverable Information				Comments / Remarks															
☐ 21 Day Standard ☐ 14 Day ☒ 7 Days EMERGENCY ☐ Other _____ (Days) RUSH TAT is for FAX data unless previously approved.				Approved By: _____ ☐ NJ Reduced ☐ NJ Full ☐ FULL CLP ☐ Diak Deliverable ☒ Other (Specify) _____				☐ Commercial "A" ☐ Commercial "B" ☐ ASP Category B ☐ State Forms ☐ #REF!				Please include "Hold for Steve Weathers" on the shipping label. Accutest to invoice DCP Midstream, Attn: Steve Weathers											
Sample Custody must be documented below each time samples change possession, including courier delivery.																							
Relinquished by Sampler:				Date Time:				Received By:				Date Time:				Received By:							
1 KACHAR STEWART				7/1/08				1 PR				7/2/08 10:04				2 [Signature]							
Relinquished by Sampler:				Date Time:				Received By:				Date Time:				Received By:							
3								3				4				4							
Relinquished by Sampler:				Date Time:				Received By:				Date Time:				Received By:							
5								5				Seal #				Preserved where applicat							
																On Ice: 2.1							

3.1
3

T22827: Chain of Custody

Page 1 of 3

10:04

INITIALS:

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: Other
 LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge

17 of 31
T22827 **ACCUTEST.**
Laboratories



SAMPLE VERIFICATION

Accutest Job Number: T22827 Client: bcp Midstream Project: bcp Midstream X Line
Date/Time Received: 7/2/08 # of Coolers Received: 1
Cooler Temps: #1: 2-1 #2: _____ #3: _____ #4: _____ #5: _____ #6: _____
Method of Delivery: FEDEX UPS Accutest Courier Greyhound Delivery Other
Airbill Numbers: 8658-9996-2466

COOLER INFORMATION

☐	Cooler seal missing or not intact
☐	Chain of Custody not received
☐	Temperature criteria not met
☐	Wet ice received in cooler

CHAIN OF CUSTODY

☐	Sample D/T unclear or missing
☐	Analyses unclear or missing
☐	COC not properly executed

SAMPLE INFORMATION

☐	Sample containers rvd 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)
☐	Bottles rvd but no analysis on COC
☐	Bottles missing for requested analysis
☐	Insufficient volume for analysis
☐	Sample rvd 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: _____

TECHNICIAN SIGNATURE/DATE: [Signature]

VERIFIED BY: [Signature]

CORRECTIVE ACTIONS

Client Representative Notified: _____ Date: _____

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

Client Instructions: _____

Enviroform sample management

T22827: Chain of Custody
Page 3 of 3



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

Page 1 of 1

Job Number: T22827
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2119-MB	Z0042188.D	1	07/07/08	JL	n/a	n/a	VZ2119

The QC reported here applies to the following samples:

Method: SW846 8260B

T22827-1, T22827-2, T22827-3, T22827-4

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	101% 73-126%
17060-07-0	1,2-Dichloroethane-D4	103% 61-136%
2037-26-5	Toluene-D8	101% 80-125%
460-00-4	4-Bromofluorobenzene	99% 65-147%

Method Blank Summary

Page 1 of 1

Job Number: T22827
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2120-MB	Z0042216.D	1	07/08/08	JL	n/a	n/a	VZ2120

4.1



The QC reported here applies to the following samples:

Method: SW846 8260B

T22827-5, T22827-6, T22827-7, T22827-8, T22827-9

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	99% 73-126%
17060-07-0	1,2-Dichloroethane-D4	102% 61-136%
2037-26-5	Toluene-D8	100% 80-125%
460-00-4	4-Bromofluorobenzene	99% 65-147%

Method Blank Summary

Page 1 of 1

Job Number: T22827
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2121-MB	Z0042240.D	1	07/08/08	JL	n/a	n/a	VZ2121

4.1



The QC reported here applies to the following samples:

Method: SW846 8260B

T22827-8, T22827-10

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	101% 73-126%
17060-07-0	1,2-Dichloroethane-D4	101% 61-136%
2037-26-5	Toluene-D8	101% 80-125%
460-00-4	4-Bromofluorobenzene	102% 65-147%

Method Blank Summary

Page 1 of 1

Job Number: T22827
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2123-MB	Z0042293.D	2	07/09/08	JL	n/a	n/a	VZ2123

The QC reported here applies to the following samples:

Method: SW846 8260B

T22827-10

CAS No.	Compound	Result	RL	MDL	Units	Q
108-88-3	Toluene	ND	4.0	0.97	ug/l	
1330-20-7	Xylene (total)	ND	12	2.7	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	100% 73-126%
17060-07-0	1,2-Dichloroethane-D4	100% 61-136%
2037-26-5	Toluene-D8	98% 80-125%
460-00-4	4-Bromofluorobenzene	100% 65-147%

Blank Spike Summary

Page 1 of 1

Job Number: T22827
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2119-BS	Z0042185.D	5	07/07/08	JL	n/a	n/a	VZ2119

The QC reported here applies to the following samples:

Method: SW846 8260B

T22827-1, T22827-2, T22827-3, T22827-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	125	132	106	41-145
100-41-4	Ethylbenzene	125	130	104	49-135
108-88-3	Toluene	125	130	104	66-128
1330-20-7	Xylene (total)	375	381	102	67-122

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	73-126%
17060-07-0	1,2-Dichloroethane-D4	100%	61-136%
2037-26-5	Toluene-D8	100%	80-125%
460-00-4	4-Bromofluorobenzene	99%	65-147%

Blank Spike Summary

Page 1 of 1

Job Number: T22827
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2120-BS	Z0042213.D	1	07/08/08	JL	n/a	n/a	VZ2120

The QC reported here applies to the following samples:

Method: SW846 8260B

T22827-5, T22827-6, T22827-7, T22827-8, T22827-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.8	99	41-145
100-41-4	Ethylbenzene	25	25.3	101	49-135
108-88-3	Toluene	25	25.0	100	66-128
1330-20-7	Xylene (total)	75	73.0	97	67-122

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	73-126%
17060-07-0	1,2-Dichloroethane-D4	98%	61-136%
2037-26-5	Toluene-D8	101%	80-125%
460-00-4	4-Bromofluorobenzene	100%	65-147%

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 1

Job Number: T22827
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2121-BS	Z0042237.D	1	07/08/08	JL	n/a	n/a	VZ2121
VZ2121-BSD	Z0042238.D	1	07/08/08	JL	n/a	n/a	VZ2121

The QC reported here applies to the following samples:

Method: SW846 8260B

T22827-8, T22827-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	25	24.4	98	23.5	94	4	41-145/30
100-41-4	Ethylbenzene	25	24.4	98	23.5	94	4	49-135/30
108-88-3	Toluene	25	24.5	98	23.4	94	5	66-128/30
1330-20-7	Xylene (total)	75	70.4	94	68.6	91	3	67-122/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	99%	99%	73-126%
17060-07-0	1,2-Dichloroethane-D4	99%	99%	61-136%
2037-26-5	Toluene-D8	100%	100%	80-125%
460-00-4	4-Bromofluorobenzene	102%	102%	65-147%

Blank Spike Summary

Page 1 of 1

Job Number: T22827
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ2123-BS	Z0042290.D	1	07/09/08	JL	n/a	n/a	VZ2123

The QC reported here applies to the following samples:

Method: SW846 8260B

T22827-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
108-88-3	Toluene	25	23.2	93	66-128
1330-20-7	Xylene (total)	75	67.0	89	67-122

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	73-126%
17060-07-0	1,2-Dichloroethane-D4	98%	61-136%
2037-26-5	Toluene-D8	100%	80-125%
460-00-4	4-Bromofluorobenzene	101%	65-147%

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T22827
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T22829-10MS	Z0042206.D	1	07/07/08	JL	n/a	n/a	VZ2119
T22829-10MSD	Z0042207.D	1	07/07/08	JL	n/a	n/a	VZ2119
T22829-10	Z0042199.D	1	07/07/08	JL	n/a	n/a	VZ2119

The QC reported here applies to the following samples:

Method: SW846 8260B

T22827-1, T22827-2, T22827-3, T22827-4

CAS No.	Compound	T22829-10 ug/l	Spike Q	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	25	24.4	98	23.6	94	3	60-131/12
100-41-4	Ethylbenzene	ND	25	24.5	98	23.7	95	3	58-127/13
108-88-3	Toluene	ND	25	24.5	98	23.8	95	3	67-123/11
1330-20-7	Xylene (total)	ND	75	71.2	95	68.5	91	4	62-125/14

CAS No.	Surrogate Recoveries	MS	MSD	T22829-10	Limits
1868-53-7	Dibromofluoromethane	100%	99%	101%	73-126%
17060-07-0	1,2-Dichloroethane-D4	103%	100%	103%	61-136%
2037-26-5	Toluene-D8	102%	100%	101%	80-125%
460-00-4	4-Bromofluorobenzene	102%	101%	100%	65-147%

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T22827
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T22827-7MS	Z0042233.D	1	07/08/08	JL	n/a	n/a	VZ2120
T22827-7MSD	Z0042234.D	1	07/08/08	JL	n/a	n/a	VZ2120
T22827-7	Z0042220.D	1	07/08/08	JL	n/a	n/a	VZ2120

The QC reported here applies to the following samples:

Method: SW846 8260B

T22827-5, T22827-6, T22827-7, T22827-8, T22827-9

CAS No.	Compound	T22827-7 ug/l	Spike Q	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	25	24.2	97	23.3	93	4	60-131/12
100-41-4	Ethylbenzene	ND	25	24.4	98	23.5	94	4	58-127/13
108-88-3	Toluene	ND	25	23.9	96	23.2	93	3	67-123/11
1330-20-7	Xylene (total)	ND	75	70.4	94	68.3	91	3	62-125/14

CAS No.	Surrogate Recoveries	MS	MSD	T22827-7	Limits
1868-53-7	Dibromofluoromethane	102%	98%	102%	73-126%
17060-07-0	1,2-Dichloroethane-D4	101%	97%	105%	61-136%
2037-26-5	Toluene-D8	101%	100%	101%	80-125%
460-00-4	4-Bromofluorobenzene	101%	102%	101%	65-147%

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T22827
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T22825-18MS	Z0042258.D	1	07/08/08	JL	n/a	n/a	VZ2121
T22825-18MSD	Z0042259.D	1	07/08/08	JL	n/a	n/a	VZ2121
T22825-18	Z0042254.D	1	07/08/08	JL	n/a	n/a	VZ2121

The QC reported here applies to the following samples:

Method: SW846 8260B

T22827-8, T22827-10

CAS No.	Compound	T22825-18 ug/l	Spike Q	ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	25	25.3	101	24.2	97	4	60-131/12	
100-41-4	Ethylbenzene	ND	25	24.8	99	24.4	98	2	58-127/13	
108-88-3	Toluene	ND	25	24.3	97	24.1	96	1	67-123/11	
1330-20-7	Xylene (total)	ND	75	70.6	94	70.5	94	0	62-125/14	

CAS No.	Surrogate Recoveries	MS	MSD	T22825-18	Limits
1868-53-7	Dibromofluoromethane	99%	97%	99%	73-126%
17060-07-0	1,2-Dichloroethane-D4	99%	99%	101%	61-136%
2037-26-5	Toluene-D8	100%	101%	100%	80-125%
460-00-4	4-Bromofluorobenzene	102%	103%	100%	65-147%

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T22827
Account: AECCOLI American Environmental Consulting
Project: DCP Midstream- X Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T22858-2MS	Z0042312.D 1		07/09/08	JL	n/a	n/a	VZ2123
T22858-2MSD	Z0042313.D 1		07/10/08	JL	n/a	n/a	VZ2123
T22858-2	Z0042304.D 1		07/09/08	JL	n/a	n/a	VZ2123

The QC reported here applies to the following samples:

Method: SW846 8260B

T22827-10

CAS No.	Compound	T22858-2 ug/l	Spike Q ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
108-88-3	Toluene	ND	25	24.3	97	23.8	95	2	67-123/11
1330-20-7	Xylene (total)	ND	75	69.9	93	68.5	91	2	62-125/14

CAS No.	Surrogate Recoveries	MS	MSD	T22858-2	Limits
1868-53-7	Dibromofluoromethane	99%	100%	100%	73-126%
17060-07-0	1,2-Dichloroethane-D4	99%	96%	99%	61-136%
2037-26-5	Toluene-D8	99%	99%	100%	80-125%
460-00-4	4-Bromofluorobenzene	101%	101%	100%	65-147%



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

May 21, 2008

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

**RE: 1st 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 1st 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
Sr. Environmental Specialist

cc: Mrs. Etcheverry, Landowner - Certified Mail 91 7108 2133 3932 9035 1291
Larry Johnson, OCD Hobbs District Office (Copy on CD)
Environmental Files

2008 MAY 23 AM 10 15
RECEIVED

April 29, 2008

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

Re: First 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 first quarter 2008 groundwater monitoring activities completed March 20, 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. All eight wells were sampled. 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 disposable 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-8. A matrix spike/matrix spike duplicate was analyzed from MW-4.

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

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. Well MW-8 is not included because its casing elevation is not established.

Figure 3 shows that the water-table elevations increased approximately 0.1 feet uniformly across the site. A water-table contour map based upon the March 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.

No free phase hydrocarbons (FPH) were measured in MW-8. The FPH thickness measured during the monitoring program is summarized in Table 3. FPH thickness will continued to be monitored and controlled using the soil vapor extraction system as necessary.

Table 4 summarizes the March 2008 sampling results. A copy of the laboratory report is attached. Examination of Table 4 indicates the following:

1. No benzene was detected above the method reporting limit in wells MW-1 through MW-7.
2. Benzene was measured in MW-8 above the New Mexico Water Quality Control Commission (NMWQCC) groundwater standard.
3. Toluene, ethylbenzene and xylenes were measured in MW-2 and MW-8 but the constituents were all the below the NMWQCC groundwater standards except for xylenes in MW-8.

The quality assurance/quality control evaluation is summarized on Table 5. Important facts include:

1. The sample temperature was measured at 1.0° C upon receipt by the laboratory
2. The surrogate spikes were all within their respective control ranges.
3. The relative percentage difference values were all in their respective control ranges.
4. The matrix spike and the matrix spike duplicate results for MW-4 were all within their acceptable ranges.
5. The trip blank contained 0.0033 mg/l xylenes. No other constituents were detected.

The above results establish that the samples are suitable for their intended uses.

The March 2008 benzene distribution is shown on Figure 5. The benzene in MW-8 attenuated to below the method reporting limit before migrating to MW-7. This pattern existed for all of the detected constituents in MW-2 and MW-8,

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.

Mr. Stephen Weathers
April 29, 2008
Page 3

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. BTEX concentrations should begin to decline if FPH does not return.

The next monitoring episode is scheduled for the second quarter of 2008. 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

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
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
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
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
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
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
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
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

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

Units are feet

Table 4 – March 20, 2008 Groundwater Monitoring Results

Well	Benzene	Toluene	Ethylbenzene	Xylene (total)
NMWQCC Standards	0.01	0.75	0.75	0.62
MW-1	<0.002	<0.002	<0.002	<0.006
MW-2	<0.002	0.03	0.01	0.06
MW-3	<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
MW-8	0.25	0.34	0.14	2.83
MW-8 DUP	0.27	0.36	0.15	2.77
TRIP	<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 – March 20, 2008 Quality Assurance and Quality Control Results

Field Duplicate Relative Percentage Difference Values for MW-8

	Benzene	Toluene	Ethyl Benzene	Xylenes (total)
RPD (%)	7.72%	6.58%	2.74%	2.14%

MW-4 Matrix Spike/Matrix Spike Duplicate Results

	Benzene	Toluene	Ethylbenzene	Xylenes (total)
Matrix Spike	113	100	106	103
Matrix Spike Duplicate	115	103	108	106

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	12/18/04	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	0.00584	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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00093J	<0.002
MW-2	<0.001	0.0006	0.0007	<0.001	0.000674	<0.001	<0.002	0.00057J	<0.002
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00053J	<0.002
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00074J	<0.002
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002
MW-8	FPH	FPH	0.24	FPH	0.42	FPH	FPH	FPH	0.28

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	0.791	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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.0012J	<0.002
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.0011J	<0.002
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00098J	<0.002
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.0013J	<0.002
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002
MW-8	FPH	FPH	0.791	FPH	0.977	FPH	FPH	FPH	0.35

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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002
MW-2	<0.001	<0.001	0.0003	<0.001	0.00120	0.0024	<0.002	0.000761	0.01
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002
MW-8	FPH	FPH	0.239	FPH	0.437	FPH	FPH	FPH	0.15

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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	0.0028J	<0.006
MW-2	<0.001	0.00125J	0.0014	<0.001	0.00770	0.013	0.0078	0.0051J	0.06
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006	<0.006
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	0.0016J	<0.006
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006	<0.006
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006	<0.006
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006	<0.006
MW-8	FPH	FPH	2.27	FPH	3.35	FPH	FPH	FPH	2.80

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

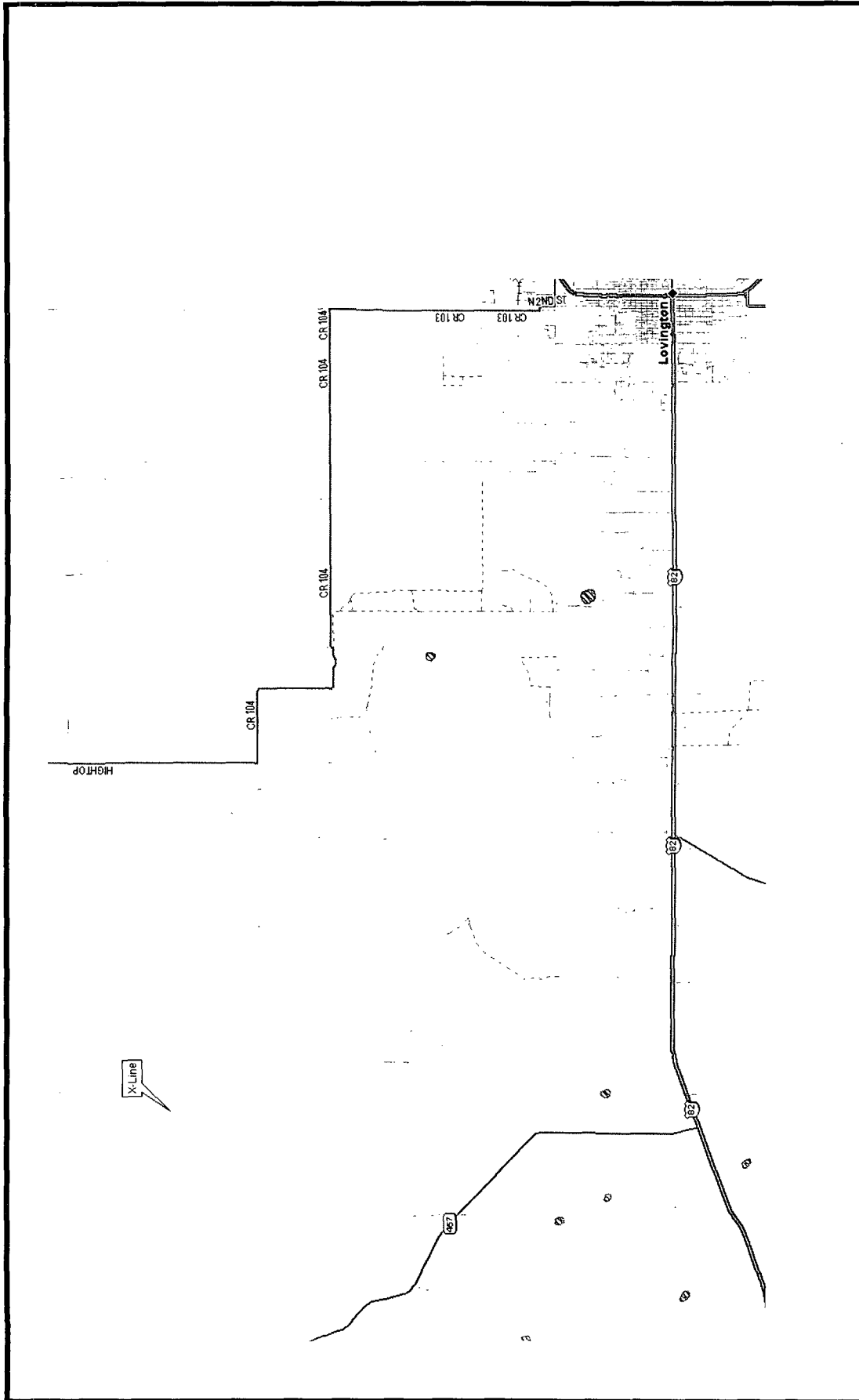


Figure 1 - X-Line Location
(33.036°N, 103.547°W)

X-Line Monitoring

dcp
Midstream

DRAWN BY: MHS
DATE: 1/07

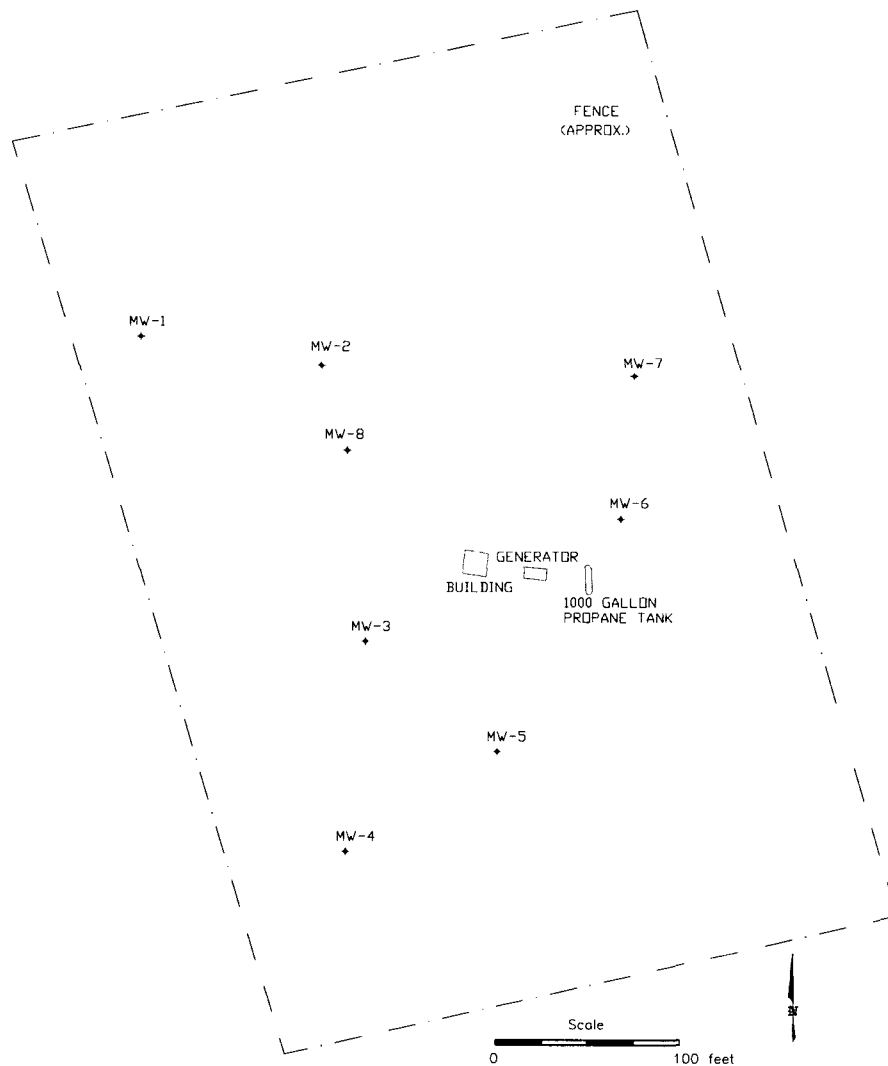


Figure 2 – Facility Configuration
X-Line Monitoring



DRAWN BY: MHS

REVISED:

DATE: 1/07

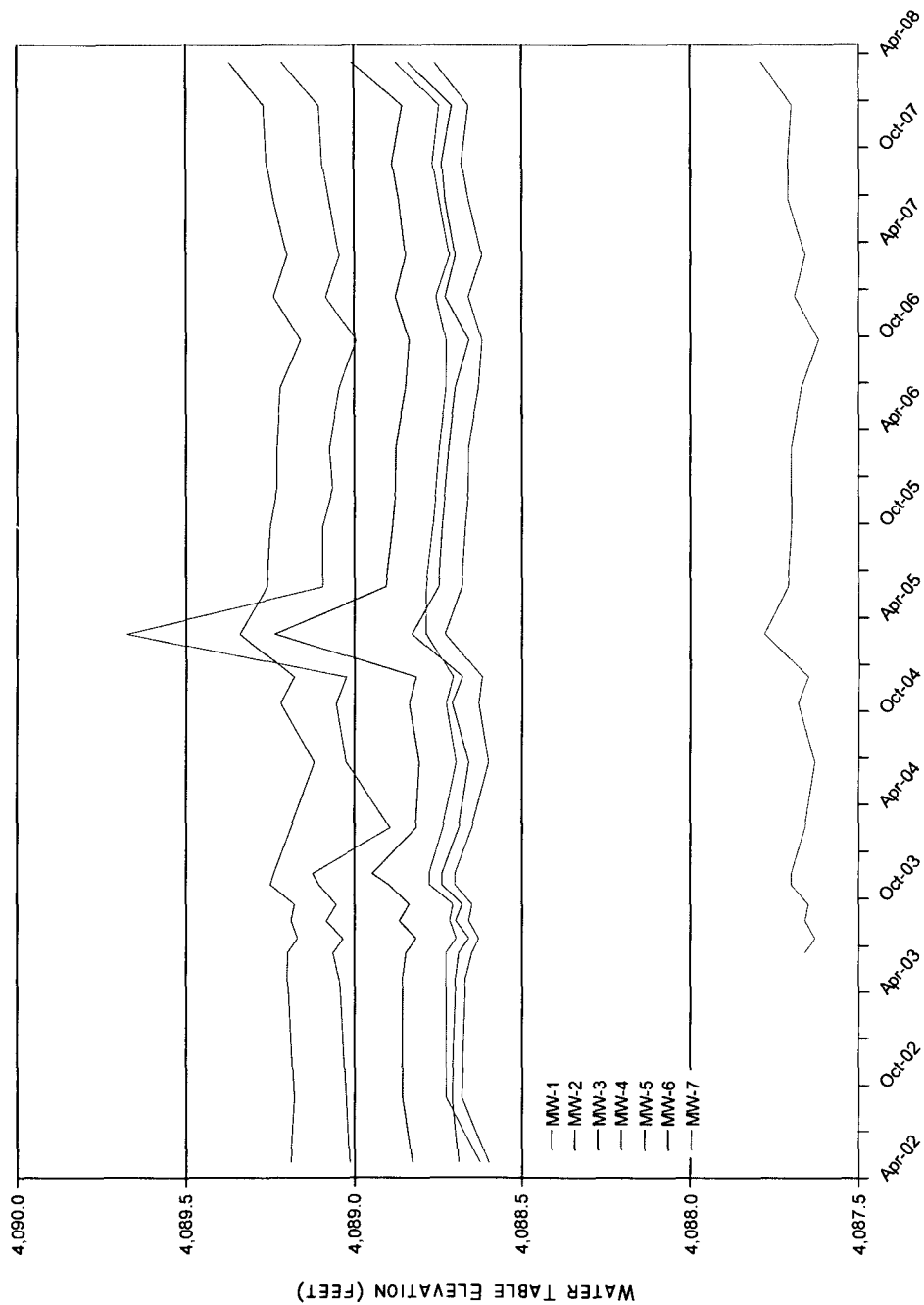


Figure 3 – Well Hydrographs

X-Line Monitoring

dep
Midstream.

DRAWN BY: MHS

DATE: 4/08

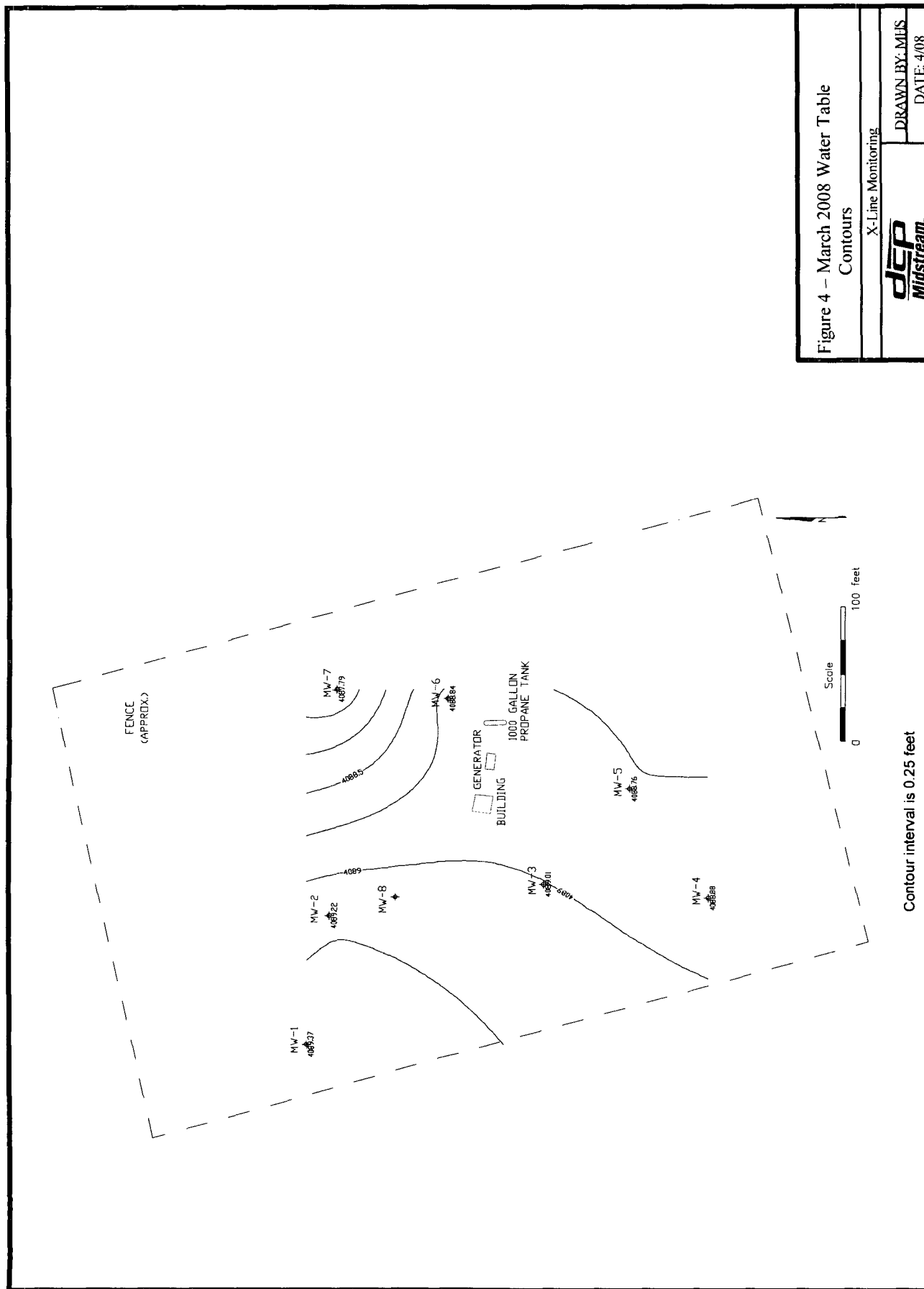
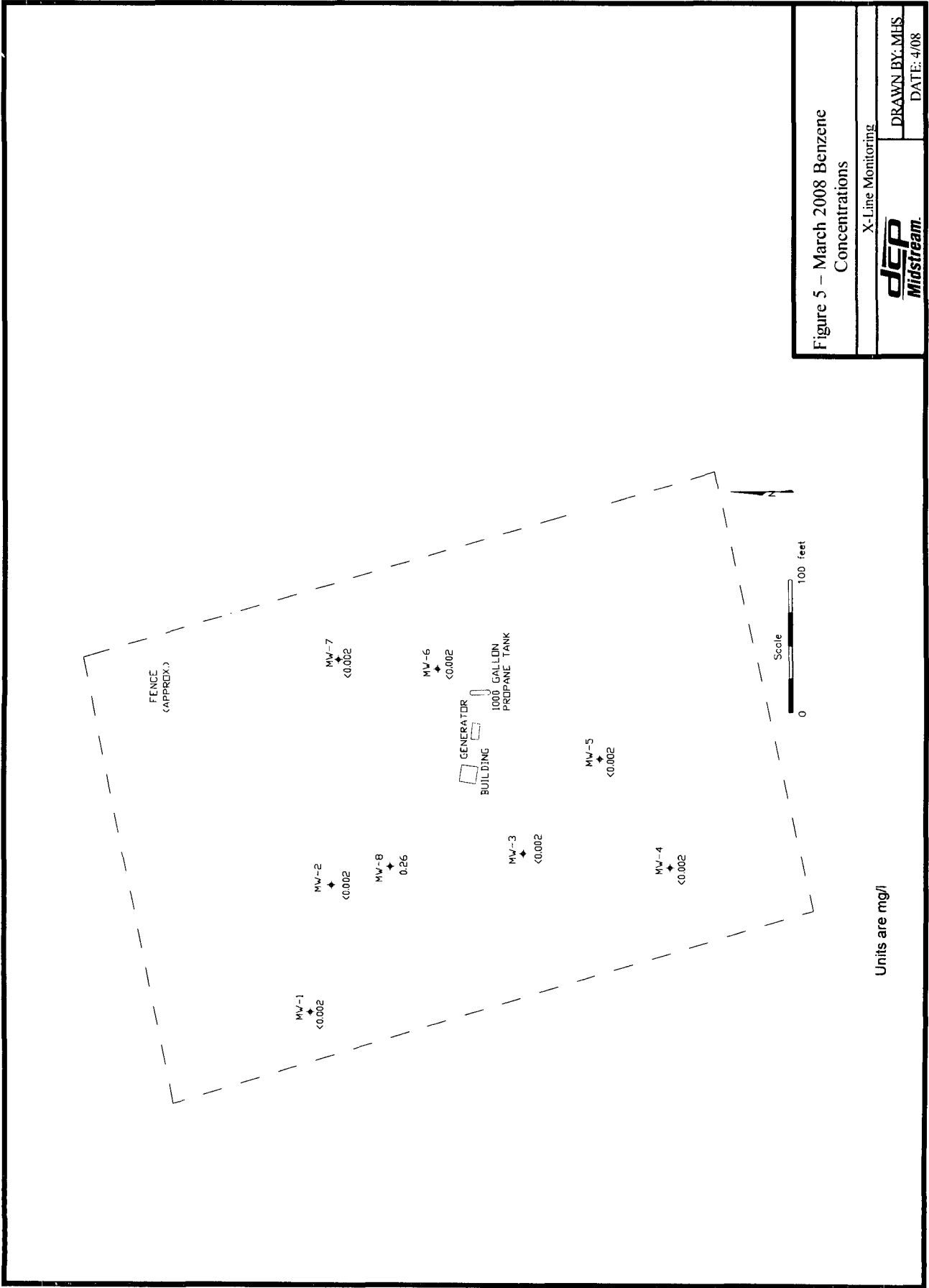


Figure 4 - March 2008 Water Table
Contours

X-Line Monitoring

dcp
Midstream

DRAWN BY: MHS
DATE: 4/08



FIELD SAMPLING FORMS
AND
LABORATORY ANALYTICAL REPORT

GROUNDWATER SAMPLING FIELD DATA FORM

CLIENT: DCP Midstream, LLC		LOCATION: X-Line				
WELL NAME: MW-1						
Sampled By: M. Stewart / A. Taylor				Date Purged: 3/20/2008		
Weather During Sampling: Fair				Date Sampled: 3/20/2008		
Well Diameter: 2.0"				Time Sampled: 8:40 am		
EVACUATION DATA						
Description of Measuring Point:		Top of PVC		Analyses: BTEX 8260		
Total Depth of Well:		94.30 ft.				
Depth to Water from Measuring Point:		77.32 ft.				
Height of Water Column:		16.98 ft.				
Single Casing Volume of Water:		2.83 gal/cv				
Volume to Purge Prior to Sampling:		8.49 gal				
Volume Purged Prior to Sampling:		~9.0 gal				
Method of Purging/Equipment: Hand Bailed / Dedicated Bailer				Flow Rate: n/a		
Method of Sampling/Equipment: Dedicated Bailer				Flow Rate: n/a		
FIELD PARAMETERS	Casing Volume	1	2	3	4	5
pH	pH	7.62	7.55	7.51	--	--
Temperature	°C	16.1	17.7	17.1	--	--
Conductance	mS/cm	0.634	0.638	0.641	--	--
Turbidity	NTU/FTU	--	--	--	--	--
PID / COD / DO / TOC		--	--	--	--	--
Color of Groundwater	Fairly Clear					
Odor	None					
Appearance	Slightly Turbid					
NOTES:						

GROUNDWATER SAMPLING FIELD DATA FORM

CLIENT: DCP Midstream, LLC		LOCATION: X-Line				
WELL NAME: MW-2						
Sampled By: M. Stewart / A. Taylor				Date Purged: 3/20/2008		
Weather During Sampling: Fair				Date Sampled: 3/20/2008		
Well Diameter: 2.0"				Time Sampled: 8:45 am		
EVACUATION DATA						
Description of Measuring Point:		Top of PVC			Analyses: BTEX 8260	
Total Depth of Well:		89.90 ft.				
Depth to Water from Measuring Point:		77.30 ft.				
Height of Water Column:		12.60 ft.				
Single Casing Volume of Water:		2.10 gal/cv				
Volume to Purge Prior to Sampling:		6.30 gal				
Volume Purged Prior to Sampling:		~7.0 gal				
Method of Purging/Equipment: Hand Bailed / Dedicated Bailer				Flow Rate: n/a		
Method of Sampling/Equipment: Dedicated Bailer				Flow Rate: n/a		
FIELD PARAMETERS	Casing Volume	1	2	3	4	5
pH	pH	7.19	7.24	7.26	--	--
Temperature	°C	17.3	17.5	16.9	--	--
Conductance	mS/cm	0.925	0.887	0.809	--	--
Turbidity	NTU/FTU	--	--	--	--	--
PID / COD / DO / TOC		--	--	--	--	--
Color of Groundwater	Fairly Clear					
Odor	None					
Appearance	Slightly Turbid					
NOTES:						

GROUNDWATER SAMPLING FIELD DATA FORM

CLIENT: DCP Midstream, LLC		LOCATION: X-Line				
WELL NAME: MW-3						
Sampled By: M. Stewart / A. Taylor				Date Purged: 3/20/2008		
Weather During Sampling: Fair				Date Sampled: 3/20/2008		
Well Diameter: 2.0"				Time Sampled: 11:30 am		
EVACUATION DATA						
Description of Measuring Point:		Top of PVC		Analyses: BTEX 8260		
Total Depth of Well:		92.80 ft.				
Depth to Water from Measuring Point:		77.32 ft.				
Height of Water Column:		15.48 ft.				
Single Casing Volume of Water:		2.58 gal/cv				
Volume to Purge Prior to Sampling:		7.74 gal				
Volume Purged Prior to Sampling:		~8.0 gal				
Method of Purging/Equipment: Hand Bailed / Dedicated Bailer				Flow Rate: n/a		
Method of Sampling/Equipment: Dedicated Bailer				Flow Rate: n/a		
FIELD PARAMETERS	Casing Volume	1	2	3	4	5
pH	pH	7.10	7.20	7.19	--	--
Temperature	°C	18.6	18.5	18.9	--	--
Conductance	mS/cm	0.862	0.848	0.832	--	--
Turbidity	NTU/FTU	--	--	--	--	--
PID / COD / DO / TOC		--	--	--	--	--
Color of Groundwater	Fairly Clear					
Odor	None					
Appearance	Slightly Turbid					
NOTES:						

GROUNDWATER SAMPLING FIELD DATA FORM

CLIENT: DCP Midstream, LLC		LOCATION: X-Line				
WELL NAME: MW-4						
Sampled By: M. Stewart / A. Taylor				Date Purged: 3/20/2008		
Weather During Sampling: Fair				Date Sampled: 3/20/2008		
Well Diameter: 2.0"				Time Sampled: 10:15 am		
EVACUATION DATA						
Description of Measuring Point:		Top of PVC			Analyses: BTEX 8260	
Total Depth of Well:		93.40 ft.				
Depth to Water from Measuring Point:		77.45 ft.				
Height of Water Column:		15.95 ft.				
Single Casing Volume of Water:		2.65 gal/cv				
Volume to Purge Prior to Sampling:		7.97 gal				
Volume Purged Prior to Sampling:		~8.5 gal				
Method of Purging/Equipment: Hand Bailed / Dedicated Bailer				Flow Rate: n/a		
Method of Sampling/Equipment: Dedicated Bailer				Flow Rate: n/a		
FIELD PARAMETERS	Casing Volume	1	2	3	4	5
pH	pH	7.51	7.45	7.53	--	--
Temperature	°C	17.0	17.4		--	--
Conductance	mS/cm	0.618	0.624	0.616	--	--
Turbidity	NTU/FTU	--	--	--	--	--
PID / COD / DO / TOC		--	--	--	--	--
Color of Groundwater	Fairly Clear					
Odor	None					
Appearance	Slightly Turbid					
NOTES:						

GROUNDWATER SAMPLING FIELD DATA FORM

CLIENT: DCP Midstream, LLC		LOCATION: X-Line				
WELL NAME: MW-5						
Sampled By: M. Stewart / A. Taylor				Date Purged: 3/20/2008		
Weather During Sampling: Fair				Date Sampled: 3/20/2008		
Well Diameter: 2.0"				Time Sampled: 10:30 am		
EVACUATION DATA						
Description of Measuring Point:		Top of PVC		Analyses: BTEX 8260		
Total Depth of Well:		91.10 ft.				
Depth to Water from Measuring Point:		77.14 ft.				
Height of Water Column:		13.96 ft.				
Single Casing Volume of Water:		2.32 gal/cv				
Volume to Purge Prior to Sampling:		6.97 gal				
Volume Purged Prior to Sampling:		~7.5 gal				
Method of Purging/Equipment: Hand Bailed / Dedicated Bailer				Flow Rate: n/a		
Method of Sampling/Equipment: Dedicated Bailer				Flow Rate: n/a		
FIELD PARAMETERS	Casing Volume	1	2	3	4	5
pH	pH	7.45	7.48	7.46	--	--
Temperature	°C	17.9	18.0	18.0	--	--
Conductance	mS/cm	0.668	0.670	0.666	--	--
Turbidity	NTU/FTU	--	--	--	--	--
PID / COD / DO / TOC		--	--	--	--	--
Color of Groundwater	Fairly Clear					
Odor	None					
Appearance	Slightly Turbid					
NOTES:						

GROUNDWATER SAMPLING FIELD DATA FORM

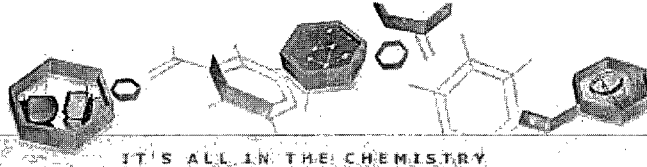
CLIENT: DCP Midstream, LLC		LOCATION: X-Line				
WELL NAME: MW-6						
Sampled By: M. Stewart / A. Taylor				Date Purged: 3/20/2008		
Weather During Sampling: Fair				Date Sampled: 3/20/2008		
Well Diameter: 2.0"				Time Sampled: 9:25 am		
EVACUATION DATA						
Description of Measuring Point:		Top of PVC		Analyses: BTEX 8260		
Total Depth of Well:		92.90 ft.				
Depth to Water from Measuring Point:		77.05 ft.				
Height of Water Column:		15.85 ft.				
Single Casing Volume of Water:		2.64 gal/cv				
Volume to Purge Prior to Sampling:		7.92 gal				
Volume Purged Prior to Sampling:		~8.5 gal				
Method of Purging/Equipment: Hand Bailed / Dedicated Bailer				Flow Rate: n/a		
Method of Sampling/Equipment: Dedicated Bailer				Flow Rate: n/a		
FIELD PARAMETERS	Casing Volume	1	2	3	4	5
pH	pH	7.39	7.56	7.44	--	--
Temperature	°C	17.5	17.9	17.9	--	--
Conductance	mS/cm	0.595	0.575	0.584	--	--
Turbidity	NTU/FTU	--	--	--	--	--
PID / COD / DO / TOC		--	--	--	--	--
Color of Groundwater	Fairly Clear					
Odor	None					
Appearance	Slightly Turbid					
NOTES:						

GROUNDWATER SAMPLING FIELD DATA FORM

CLIENT: DCP Midstream, LLC		LOCATION: X-Line				
WELL NAME: MW-7						
Sampled By: M. Stewart / A. Taylor				Date Purged: 3/20/2008		
Weather During Sampling: Fair				Date Sampled: 3/20/2008		
Well Diameter: 2.0"				Time Sampled: 9:25 am		
EVACUATION DATA						
Description of Measuring Point:		Top of PVC		Analyses: BTEX 8260		
Total Depth of Well:		92.80 ft.				
Depth to Water from Measuring Point:		76.64 ft.				
Height of Water Column:		16.16 ft.				
Single Casing Volume of Water:		2.69 gal/cv				
Volume to Purge Prior to Sampling:		8.07 gal				
Volume Purged Prior to Sampling:		~8.5 gal				
Method of Purging/Equipment: Hand Bailed / Dedicated Bailer				Flow Rate: n/a		
Method of Sampling/Equipment: Dedicated Bailer				Flow Rate: n/a		
FIELD PARAMETERS	Casing Volume	1	2	3	4	5
pH	pH	7.53	7.53	7.53	--	--
Temperature	°C	16.2	17.4	17.7	--	--
Conductance	mS/cm	0.634	0.632	0.619	--	--
Turbidity	NTU/FTU	--	--	--	--	--
PID / COD / DO / TOC		--	--	--	--	--
Color of Groundwater	Fairly Clear					
Odor	None					
Appearance	Slightly Turbid					
NOTES:						

GROUNDWATER SAMPLING FIELD DATA FORM

CLIENT: DCP Midstream, LLC		LOCATION: X-Line				
WELL NAME: MW-8						
Sampled By: M. Stewart / A. Taylor				Date Purged: 3/20/2008		
Weather During Sampling: Fair				Date Sampled: 3/20/2008		
Well Diameter: 4.0"				Time Sampled: 11:10 am		
EVACUATION DATA						
Description of Measuring Point:		Top of PVC		Analyses: BTEX 8260		
Total Depth of Well:		86.82 ft.				
Depth to Water from Measuring Point:		79.58 ft.				
Height of Water Column:		7.24 ft.				
Single Casing Volume of Water:		4.8 gal/cv				
Volume to Purge Prior to Sampling:		14.47 gal				
Volume Purged Prior to Sampling:		~5.0 gal				
Method of Purging/Equipment: Hand Bailed / Dedicated Bailer				Flow Rate: n/a		
Method of Sampling/Equipment: Dedicated Bailer				Flow Rate: n/a		
FIELD PARAMETERS	Casing Volume	1	2	3	4	5
pH	pH	7.41	--	--	--	--
Temperature	°C	19.1	--	--	--	--
Conductance	mS/cm	0.595	--	--	--	--
Turbidity	NTU/FTU	--	--	--	--	--
PID / COD / DO / TOC		--	--	--	--	--
Color of Groundwater	Fairly Clear					
Odor	Present					
Appearance	Slightly Turbid					
NOTES: Bailed to ~ 6.0" after 5.0 gallons.						



04/22/08

Technical Report for

DCP Midstream, LLC

X-Line

DCP Midstream X Line

Accutest Job Number: T21482

Sampling Date: 03/20/08



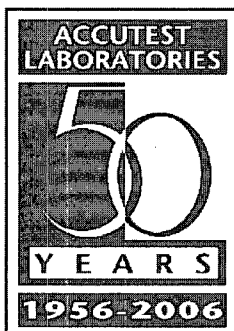
Report to:

American Environmental Consulting

mstewart@aecdenvr.com

ATTN: Mike Stewart

Total number of pages in report: 25



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.

Client Service contact: Agnes Vicknair 713-271-4700

Ron Martino
Laboratory Manager

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

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Sample Summary

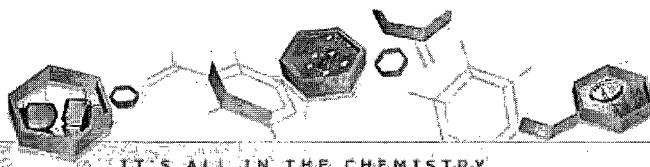
DCP Midstream, LLC

Job No: T21482

X-Line

Project No: DCP Midstream X Line

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
T21482-1	03/20/08	08:40 MS	03/25/08	AQ	Ground Water	MW-1
T21482-2	03/20/08	08:45 MS	03/25/08	AQ	Ground Water	MW-2
T21482-3	03/20/08	00:00 MS	03/25/08	AQ	Ground Water	MW-3
T21482-4	03/20/08	00:00 MS	03/25/08	AQ	Ground Water	MW-4
T21482-4D	03/20/08	00:00 MS	03/25/08	AQ	Water Dup/MSD	MW-4 MSD
T21482-4S	03/20/08	00:00 MS	03/25/08	AQ	Water Matrix Spike	MW-4 MS
T21482-5	03/20/08	10:20 MS	03/25/08	AQ	Ground Water	MW-5
T21482-6	03/20/08	09:30 MS	03/25/08	AQ	Ground Water	MW-6
T21482-7	03/20/08	09:25 MS	03/25/08	AQ	Ground Water	MW-7
T21482-8	03/20/08	00:00 MS	03/25/08	AQ	Ground Water	DUP
T21482-9	03/20/08	00:00 MS	03/25/08	AQ	Trip Blank Water	TRIP
T21482-10	03/20/08	11:10 MS	03/25/08	AQ	Ground Water	MW-8



Sample Results

Report of Analysis

Report of Analysis

Page 1 of 1

Client Sample ID:	MW-1	Date Sampled:	03/20/08
Lab Sample ID:	T21482-1	Date Received:	03/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	X-Line		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0132806.D	1	03/27/08	NAZ	n/a	n/a	VB1658
Run #2							

Run #	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	101%		73-126%
17060-07-0	1,2-Dichloroethane-D4	98%		61-136%
2037-26-5	Toluene-D8	97%		80-125%
460-00-4	4-Bromofluorobenzene	96%		65-147%

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

Page 1 of 1

Client Sample ID:	MW-2	Date Sampled:	03/20/08
Lab Sample ID:	T21482-2	Date Received:	03/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	X-Line		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0132807.D	1	03/27/08	NAZ	n/a	n/a	VB1658
Run #2							

Run #	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	0.0318	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	0.0064	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	0.0568	0.0060	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		73-126%
17060-07-0	1,2-Dichloroethane-D4	100%		61-136%
2037-26-5	Toluene-D8	95%		80-125%
460-00-4	4-Bromofluorobenzene	96%		65-147%

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

Page 1 of 1

Client Sample ID: MW-3
 Lab Sample ID: T21482-3
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: X-Line

Date Sampled: 03/20/08
 Date Received: 03/25/08
 Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0132808.D	1	03/27/08	NAZ	n/a	n/a	VB1658
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%		73-126%
17060-07-0	1,2-Dichloroethane-D4	101%		61-136%
2037-26-5	Toluene-D8	97%		80-125%
460-00-4	4-Bromofluorobenzene	102%		65-147%

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

Page 1 of 1

Client Sample ID:	MW-4	Date Sampled:	03/20/08
Lab Sample ID:	T21482-4	Date Received:	03/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	X-Line		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0132815.D	1	03/27/08	NAZ	n/a	n/a	VB1658
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	92%		73-126%
17060-07-0	1,2-Dichloroethane-D4	95%		61-136%
2037-26-5	Toluene-D8	95%		80-125%
460-00-4	4-Bromofluorobenzene	95%		65-147%

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

Page 1 of 1

Client Sample ID:	MW-5	Date Sampled:	03/20/08
Lab Sample ID:	T21482-5	Date Received:	03/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	X-Line		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0132809.D	1	03/27/08	NAZ	n/a	n/a	VB1658
Run #2							

Run #	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%		73-126%
17060-07-0	1,2-Dichloroethane-D4	104%		61-136%
2037-26-5	Toluene-D8	97%		80-125%
460-00-4	4-Bromofluorobenzene	102%		65-147%

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

Page 1 of 1

Client Sample ID: MW-6
 Lab Sample ID: T21482-6
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: X-Line

Date Sampled: 03/20/08
 Date Received: 03/25/08
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0132810.D	1	03/27/08	NAZ	n/a	n/a	VB1658
Run #2							

Run #	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	104%		73-126%
17060-07-0	1,2-Dichloroethane-D4	104%		61-136%
2037-26-5	Toluene-D8	98%		80-125%
460-00-4	4-Bromofluorobenzene	98%		65-147%

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

Page 1 of 1

Client Sample ID:	MW-7	Date Sampled:	03/20/08
Lab Sample ID:	T21482-7	Date Received:	03/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	X-Line		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0132811.D	1	03/27/08	NAZ	n/a	n/a	VB1658
Run #2							

Run #	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	105%		73-126%
17060-07-0	1,2-Dichloroethane-D4	106%		61-136%
2037-26-5	Toluene-D8	94%		80-125%
460-00-4	4-Bromofluorobenzene	99%		65-147%

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

Page 1 of 1

Client Sample ID:	DUP	Date Sampled:	03/20/08
Lab Sample ID:	T21482-8	Date Received:	03/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	X-Line		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0132812.D	1	03/27/08	NAZ	n/a	n/a	VB1658
Run #2	B0132841.D	5	03/28/08	NAZ	n/a	n/a	VB1660

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

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.269 ^a	0.010	0.0023	mg/l	
108-88-3	Toluene	0.361 ^a	0.010	0.0024	mg/l	
100-41-4	Ethylbenzene	0.148	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	2.77 ^a	0.030	0.0068	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%	95%	73-126%
17060-07-0	1,2-Dichloroethane-D4	89%	88%	61-136%
2037-26-5	Toluene-D8	86%	95%	80-125%
460-00-4	4-Bromofluorobenzene	112%	99%	65-147%

(a) Result is from Run# 2

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

Page 1 of 1

Client Sample ID: TRIP
 Lab Sample ID: T21482-9
 Matrix: AQ - Trip Blank Water
 Method: SW846 8260B
 Project: X-Line

Date Sampled: 03/20/08
 Date Received: 03/25/08
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0132813.D	1	03/27/08	NAZ	n/a	n/a	VB1658
Run #2							

Run #	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)	0.0033	0.0060	0.0014	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		73-126%
17060-07-0	1,2-Dichloroethane-D4	96%		61-136%
2037-26-5	Toluene-D8	93%		80-125%
460-00-4	4-Bromofluorobenzene	96%		65-147%

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

Page 1 of 1

Client Sample ID:	MW-8	Date Sampled:	03/20/08
Lab Sample ID:	T21482-10	Date Received:	03/25/08
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	X-Line		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0132814.D	1	03/27/08	NAZ	n/a	n/a	VB1658
Run #2	B0132840.D	5	03/28/08	NAZ	n/a	n/a	VB1660

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

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.249 ^a	0.010	0.0023	mg/l	
108-88-3	Toluene	0.338 ^a	0.010	0.0024	mg/l	
100-41-4	Ethylbenzene	0.144	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total) ^b	2.83 ^a	0.030	0.0068	mg/l	E

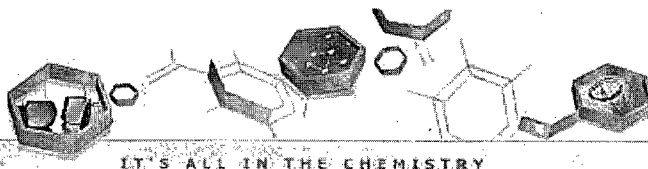
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%	97%	73-126%
17060-07-0	1,2-Dichloroethane-D4	80%	94%	61-136%
2037-26-5	Toluene-D8	88%	95%	80-125%
460-00-4	4-Bromofluorobenzene	109%	100%	65-147%

(a) Result is from Run# 2

(b) Result is acceptable, since it does not exceed the upper linear range by more than 10%.

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

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

Accutest Quote #:

T21482

Client Information				Facility Information				Analytical Information											
DCP Midstream				American Environmental Consulting, LP															
Name				Project Name															
370 Seventeenth Street, Suite 2500																			
Address				Location															
Denver CO 80202																			
City State Zip				Project/PO #:															
Stephen Weathers				DCP Midstream X Line															
Send Report to:				FAX #:															
Phone #: 303.605.1718																			
Field ID / Point of Collection		Collection			Matrix	# of bottles	Preservation					BTEX 8260B	MS/MSD FOR BTEX 8260B						
		Date	Time	Sampled By			HCL	NaOH	HNO3	H2SO4	H2SO4			None					
1	MW-1	3/20	0816	MS	GW	3	X					X							
2	MW-2	3/20	845	AT	GW	3	X					X							
3	MW-3				GW	3	X					X							
4	MW-4	3/20		MS	GW	3	X					X							
5	MW-5	3/20	1030	AT	GW	3	X					X							
6	MW-6	3/20	930	AT	GW	3	X					X							
7	MW-7	3/20	0925		GW	3	X					X							
8	DUP				GW	3	X					X							
9	TRIP				GW	3	X					X							
4	MW-4 MS/MSD				GW	6	X						X						
10	MW-8		1110																
Turnaround Information				Data Deliverable Information				Comments / Remarks											
☐ 21 Day Standard ☐ 14 Day ☒ 7 Days EMERGENCY ☐ Other _____ (Days)				Approved By: _____ RUSH TAT is for FAX data unless previously approved.				☐ NJ Reduced ☐ NJ Full ☐ FULL CLP ☐ Disk Deliverable ☒ Other (Specify) _____				☐ Commercial "A" ☐ Commercial "B" ☐ ASP Category B ☐ State Forms #REF!				Please include "Hold for Steve Weathers" on the shipping label. Accutest to invoice DCP Midstream, Attn: Steve Weathers			
Sample Custody must be documented below each time samples change possession, including courier delivery.																			
Relinquished By Sampler:		Date Time:		Received By:		Relinquished By:		Date Time:		Received By:									
1		3/24/08		1		2				2									
Relinquished By Sampler:		Date Time:		Received By:		Relinquished By:		Date Time:		Received By:									
3		3/25/08		3		4				4									
Relinquished By Sampler:		Date Time:		Received By:		Relinquished By:		Date Time:		Received By:									
5				5		Seal #		Preserved where applied:		On Ice:		1-0							

Fedex #: 865194019449

Page 1 of 3

JOB #:

DATE/TIME RECEIVED: 3/25/08 9:30

CLIENT

INITIALS: W

Correlation/Variance (Circle "Y" for yes and "N" for no or NA. If "N" is circled, see variance for explanation):

2	(Y)	N	Samples received within temp. range.
4	(Y)	N	Sample received in proper containers.
6	(Y)	N	Sample received with chain of custody.
8	(Y)	N	Chain of Custody matches sample IDs and analysis on containers.
10	(Y)	N	Samples Headspace acceptable
12	(Y)	N	Custody seal received intact and tamper not evident on cooler.
14	(Y)	N	Custody seal received intact and tamper not evident on bottles.

[illegible]

LOCATION:	WJ: Walk-In	VR: Volatile Refrig.	SUB: Subcontract	EF: Encore Freezer
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100				

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NaOH 6: Other

Comments:

PH of waters checked excluding volatiles

pH of soils N/A

Delivery method: Cour

FFdx

COOLER TEMP:

2

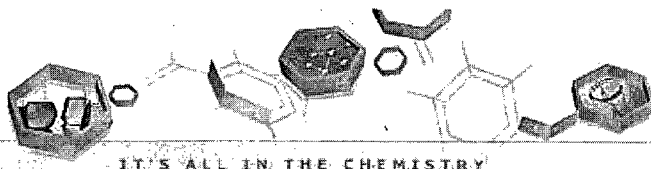
COOLER TEMP: _____

Form: SM012, Rev.07/28/05, QAO

T9482

to	FedEx Tracking Number	865194019449
order's no	Phone	
Company	Address	State ZIP
111	605 S. 11th St. #13	Wisc 53001
or Internal Billing Reference		

T21482: Chain of Custody
Page 3 of 3



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

Page 1 of 1

Job Number: T21482
Account: DUKE DCP Midstream, LLC
Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1658-MB	B0132805.D	1	03/27/08	NAZ	n/a	n/a	VB1658

The QC reported here applies to the following samples:

Method: SW846 8260B

T21482-1, T21482-2, T21482-3, T21482-4, T21482-5, T21482-6, T21482-7, T21482-8, T21482-9, T21482-10

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	100% 73-126%
17060-07-0	1,2-Dichloroethane-D4	98% 61-136%
2037-26-5	Toluene-D8	94% 80-125%
460-00-4	4-Bromofluorobenzene	95% 65-147%

Method Blank Summary

Page 1 of 1

Job Number: T21482
Account: DUKE DCP Midstream, LLC
Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1660-MB	B0132838.D	1	03/28/08	NAZ	n/a	n/a	VB1660

The QC reported here applies to the following samples:

Method: SW846 8260B

T21482-8, T21482-10

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	0.46	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	101% 73-126%
17060-07-0	1,2-Dichloroethane-D4	99% 61-136%
2037-26-5	Toluene-D8	98% 80-125%
460-00-4	4-Bromofluorobenzene	98% 65-147%

Blank Spike Summary

Page 1 of 1

Job Number: T21482
Account: DUKE DCP Midstream, LLC
Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1658-BS	B0132803.D	1	03/27/08	NAZ	n/a	n/a	VB1658

The QC reported here applies to the following samples:

Method: SW846 8260B

T21482-1, T21482-2, T21482-3, T21482-4, T21482-5, T21482-6, T21482-7, T21482-8, T21482-9, T21482-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	29.0	116	41-145
100-41-4	Ethylbenzene	25	25.6	102	49-135
108-88-3	Toluene	25	25.6	102	66-128
1330-20-7	Xylene (total)	75	77.9	104	67-122

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	73-126%
17060-07-0	1,2-Dichloroethane-D4	91%	61-136%
2037-26-5	Toluene-D8	92%	80-125%
460-00-4	4-Bromofluorobenzene	96%	65-147%

Blank Spike Summary

Page 1 of 1

Job Number: T21482
Account: DUKE DCP Midstream, LLC
Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1660-BS	B0132837.D	1	03/28/08	NAZ	n/a	n/a	VB1660

The QC reported here applies to the following samples:

Method: SW846 8260B

T21482-8, T21482-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	28.6	114	41-145
108-88-3	Toluene	25	25.7	103	66-128
1330-20-7	Xylene (total)	75	76.5	102	67-122

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	73-126%
17060-07-0	1,2-Dichloroethane-D4	93%	61-136%
2037-26-5	Toluene-D8	95%	80-125%
460-00-4	4-Bromofluorobenzene	99%	65-147%

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T21482
Account: DUKE DCP Midstream, LLC
Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T21482-4MS	B0132816.D	1	03/27/08	NAZ	n/a	n/a	VB1658
T21482-4MSD	B0132817.D	1	03/27/08	NAZ	n/a	n/a	VB1658
T21482-4	B0132815.D	1	03/27/08	NAZ	n/a	n/a	VB1658

The QC reported here applies to the following samples:

Method: SW846 8260B

T21482-1, T21482-2, T21482-3, T21482-4, T21482-5, T21482-6, T21482-7, T21482-8, T21482-9, T21482-10

CAS No.	Compound	T21482-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	28.2	113	28.7	115	2	60-131/12
100-41-4	Ethylbenzene	ND		25	24.9	100	25.7	103	3	58-127/13
108-88-3	Toluene	ND		25	26.5	106	27.1	108	2	67-123/11
1330-20-7	Xylene (total)	ND		75	77.1	103	79.5	106	3	62-125/14

CAS No.	Surrogate Recoveries	MS	MSD	T21482-4	Limits
1868-53-7	Dibromofluoromethane	94%	94%	92%	73-126%
17060-07-0	1,2-Dichloroethane-D4	87%	87%	95%	61-136%
2037-26-5	Toluene-D8	98%	96%	95%	80-125%
460-00-4	4-Bromofluorobenzene	99%	100%	95%	65-147%

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T21482
Account: DUKE DCP Midstream, LLC
Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T21483-5MS	B0132842.D	1	03/28/08	NAZ	n/a	n/a	VB1660
T21483-5MSD	B0132846.D	1	03/28/08	NAZ	n/a	n/a	VB1660
T21483-5	B0132844.D	1	03/28/08	NAZ	n/a	n/a	VB1660

The QC reported here applies to the following samples:

Method: SW846 8260B

T21482-8, T21482-10

CAS No.	Compound	T21483-5 ug/l	Spike Q	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	25	28.0	112	29.4	118	5	60-131/12
108-88-3	Toluene	ND	25	23.7	95	25.8	103	8	67-123/11
1330-20-7	Xylene (total)	ND	75	71.4	95	74.6	99	4	62-125/14

CAS No.	Surrogate Recoveries	MS	MSD	T21483-5	Limits
1868-53-7	Dibromofluoromethane	101%	98%	95%	73-126%
17060-07-0	1,2-Dichloroethane-D4	91%	90%	91%	61-136%
2037-26-5	Toluene-D8	91%	96%	95%	80-125%
460-00-4	4-Bromofluorobenzene	99%	99%	96%	65-147%



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

February 29, 2008

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

RE: 4th Quarter 2007 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 2007 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

A handwritten signature in black ink, appearing to read "Stephen Weathers", followed by a long horizontal line.

Stephen Weathers, PG
Sr. Environmental Specialist

cc: Mrs. Etcheverry, Landowner - Certified Mail 91 7108 2133 3932 9035 1338
Larry Johnson, OCD Hobbs District Office (Copy on CD)
Environmental Files

February 26, 2008

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

Re: Fourth Quarter 2007 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 2007 groundwater monitoring activities completed December 27, 2007 for DCP Midstream, LP (DCP) at the X-Line Pipeline Release on the Etcheverry Ranch at 33.0364° north, 103.5467° west (Figure 1).

Seven groundwater-monitoring wells, MW-1 through MW-7, were sampled at the site. The well locations are shown on Figure 2. 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. Well MW-8 contained 0.03 feet of free phase hydrocarbons (FPH).

The wells were then purged and sampled using disposable bailers. No sample was collected from MW-8 because of the FPH. 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-4.

The samples were placed in an ice-filled chest immediately upon collection and documented using standard chain-of-custody protocol. The samples were delivered directly to ACCUTEST Laboratories in Houston, Texas. All affected purge water was disposed of at the DCP Linam Ranch facility.

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. Well MW-8 is not included because its casing elevation is not established.

Figure 3 shows that the water-table elevations fluctuated slightly higher or lower. A water-table contour map based upon the December 2007 measurements was generated using the Surfer program with a kriging option (Figure 4). The water-table configuration continues to reflect the historical conditions.

The Free Phase Hydrocarbon (FPH) thickness values measured in MW-8 during the monitoring program are summarized in Table 3. 0.03 feet of FPH were measured in the well in December 2007. Vacuum extraction continues to remove the accumulated FPH.

Table 4 summarizes the September 2007 sampling results. A copy of the laboratory report is attached. No benzene was detected above the method reporting limit in any of the wells. Toluene was detected in MW-1, the up-gradient well, and MW-2 at concentrations that are two orders of magnitude below the New Mexico Water Quality Control Commission Groundwater Standards as reproduced at the top of Table 4. Ethylbenzene was also detected in MW-6 at a concentration two orders of magnitude below the relevant standard.

The quality assurance/quality control evaluation is summarized on Table 5. Important facts include:

1. The sample temperature was measured at 3.6° C upon receipt by the laboratory
2. The surrogate spikes were all within their respective control ranges.
3. The relative percentage difference value for ethylbenzene was within the control range. The other constituents could not be calculated because they were below the method reporting limit.
4. The matrix spike and the matrix spike duplicate results for MW-4 were all within their acceptable ranges.

The above results establish that the samples are suitable for their intended uses.

The December 2007 benzene distribution is shown on Figure 5. Benzene was measured below the method reporting limit in four wells, including up-gradient well MW-1. The benzene concentration for the trip blank was reported as below the method reporting limit. The trace concentrations could have resulted from laboratory or field contamination.

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 New Mexico Water Quality Control Commission 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 MW-8 to increase the dissolved oxygen in the groundwater to enhance bioremediation of the BTEX constituents has continued to operate in MW-8 since April 2007.

Mr. Stephen Weathers
February 26, 2008
Page 3

The next monitoring episode is scheduled for the first quarter of 2008. The SVE system will be deactivated before the sampling so that the FPH thickness in MW-8 can be accurately measured.

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

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
MW-1	4089.26	4089.25	4089.23	4089.23	4089.22	4089.16	4089.24	4089.20	4089.24	4089.26	4089.27
MW-2	4089.10	4089.10	4089.07	4089.08	4089.05	4089.00	4089.09	4089.05	4089.08	4089.10	4089.11
MW-3	4088.91	4088.89	4088.88	4088.88	4088.85	4088.84	4088.88	4088.85	4088.87	4088.89	4088.86
MW-4	4088.79	4088.77	4088.76	4088.75	4088.73	4088.73	4088.76	4088.72	4088.75	4088.77	4088.75
MW-5	4088.68	4088.67	4088.66	4088.66	4088.63	4088.62	4088.66	4088.62	4088.66	4088.68	4088.66
MW-6	4088.75	4088.74	4088.73	4088.72	4088.70	4088.66	4088.73	4088.70	4088.73	4088.74	4088.71
MW-7	4087.71	4087.70	4087.70	4087.70	4087.67	4087.62	4087.69	4087.66	4087.71	4087.71	4087.70

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

Units are feet

Table 4 – December 27, 2007 Groundwater Monitoring Results

Well	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standards	0.01	0.75	0.75	0.62
MW-1	0.00093J	0.002	<0.002	0.0028J
MW-2	0.00057J	0.0039	0.00076J	0.0051J
MW-3	<0.002	0.0012J	<0.002	<0.006
MW-3 (Duplicate)	<0.002	0.0011J	<0.002	<0.006
MW-4	0.00053J	0.001J	<0.002	0.0016J
MW-5	<0.002	0.00098J	<0.002	<0.006
MW-6	0.00074J	0.0013J	0.0033	<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

J: indicates that the reported value is below the method reporting limit but above the method detection limit.

Table 5 – December 27, 2007 Quality Assurance and Quality Control Results

Field Duplicate Relative Percentage Difference Values for MW-3

	Benzene	Toluene	Ethyl Benzene	Xylenes p,m/o
RPD (%)	NA	8.7	NA	NA

NA: Calculation could not be completed because constituent was not detected above method reporting limits..

MW-4 Matrix Spike/Matrix Spike Duplicate Results

	Benzene	Toluene	Ethyl Benzene	Xylenes (total)
Matrix Spike	75	101	96	101
Matrix Spike Duplicate	73	99	94	100

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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00093J
MW-2	<0.001	0.0006	0.0007	<0.001	0.000674	<0.001	<0.002	0.00057J
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00053J
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00074J
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
MW-8	FPH	FPH	0.235	FPH	0.415	FPH	FPH	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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.002
MW-2	<0.001	0.00114	0.00137	<0.001	0.00512	0.0102	0.0075	0.0039
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.0012J
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.001J
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.00098J
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	0.0013J
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
MW-8	FPH	FPH	0.791	FPH	0.977	FPH	FPH	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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
MW-2	<0.001	<0.001	0.0003	<0.001	0.00120	0.0024	<0.002	0.00076J
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0011	<0.002	<0.002
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
MW-6	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.002	0.0033
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002
MW-8	FPH	FPH	0.239	FPH	0.437	FPH	FPH	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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	0.0028J
MW-2	<0.001	0.00125J	0.0014	<0.001	0.00770	0.013	0.0078	0.0051J
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	0.0016J
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004	<0.006
MW-8	FPH	FPH	2.27	FPH	3.35	FPH	FPH	FPH

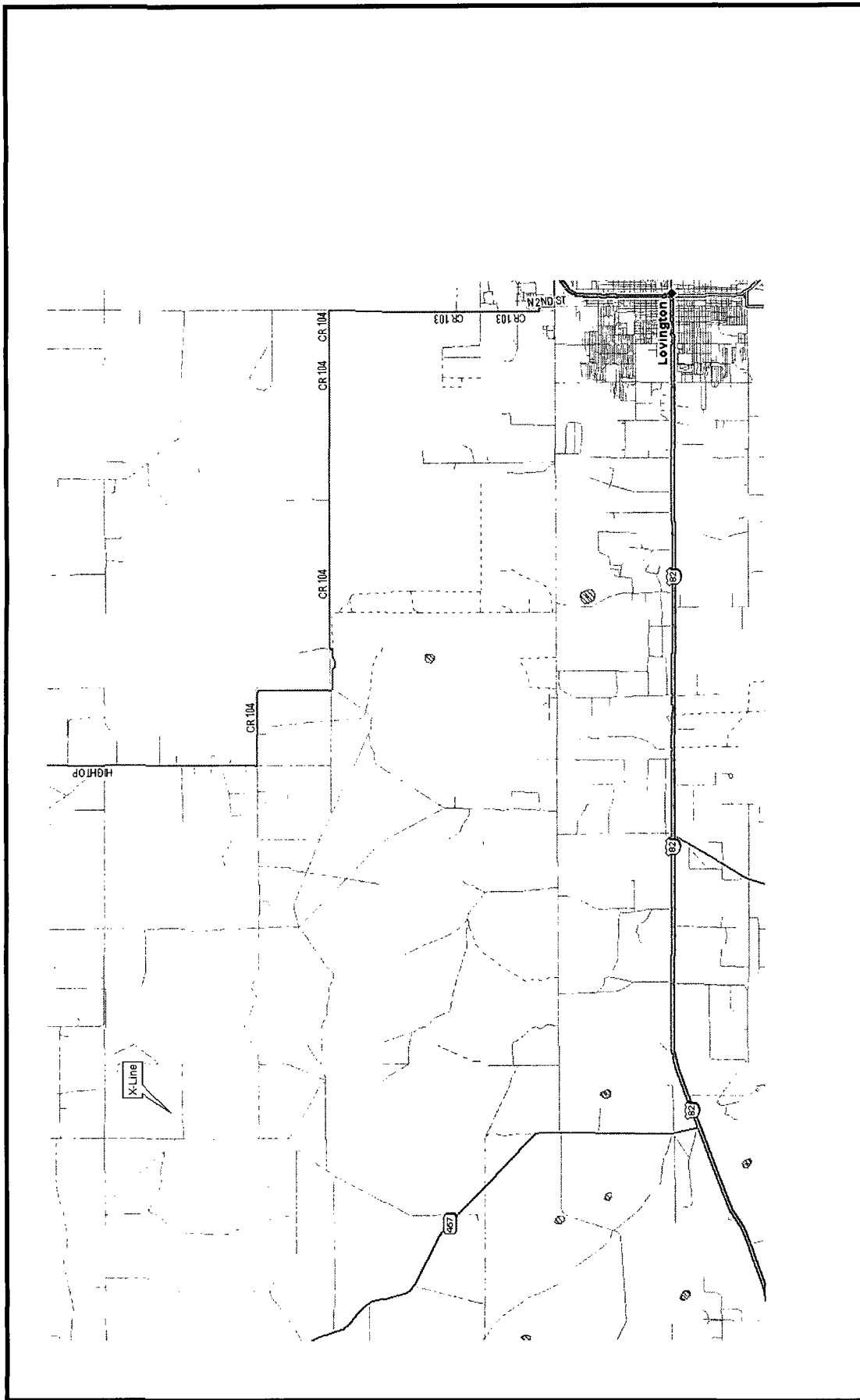
Notes: Units are mg/l.

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)	
dēp Midstream.	X-Line Monitoring
	DRAWN BY: MHS DATE: 1/07

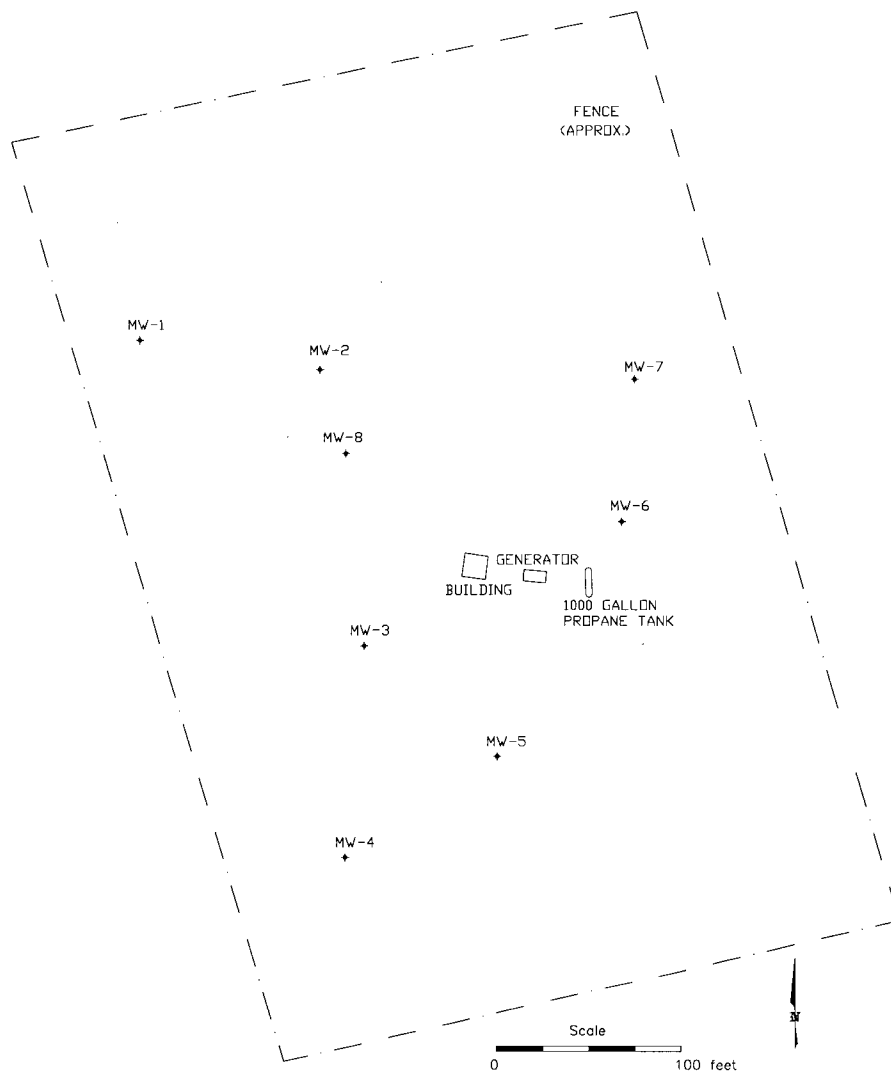


Figure 2 – Facility Configuration
X-Line Monitoring



DRAWN BY: MHS

REVISED:

DATE: 1/07

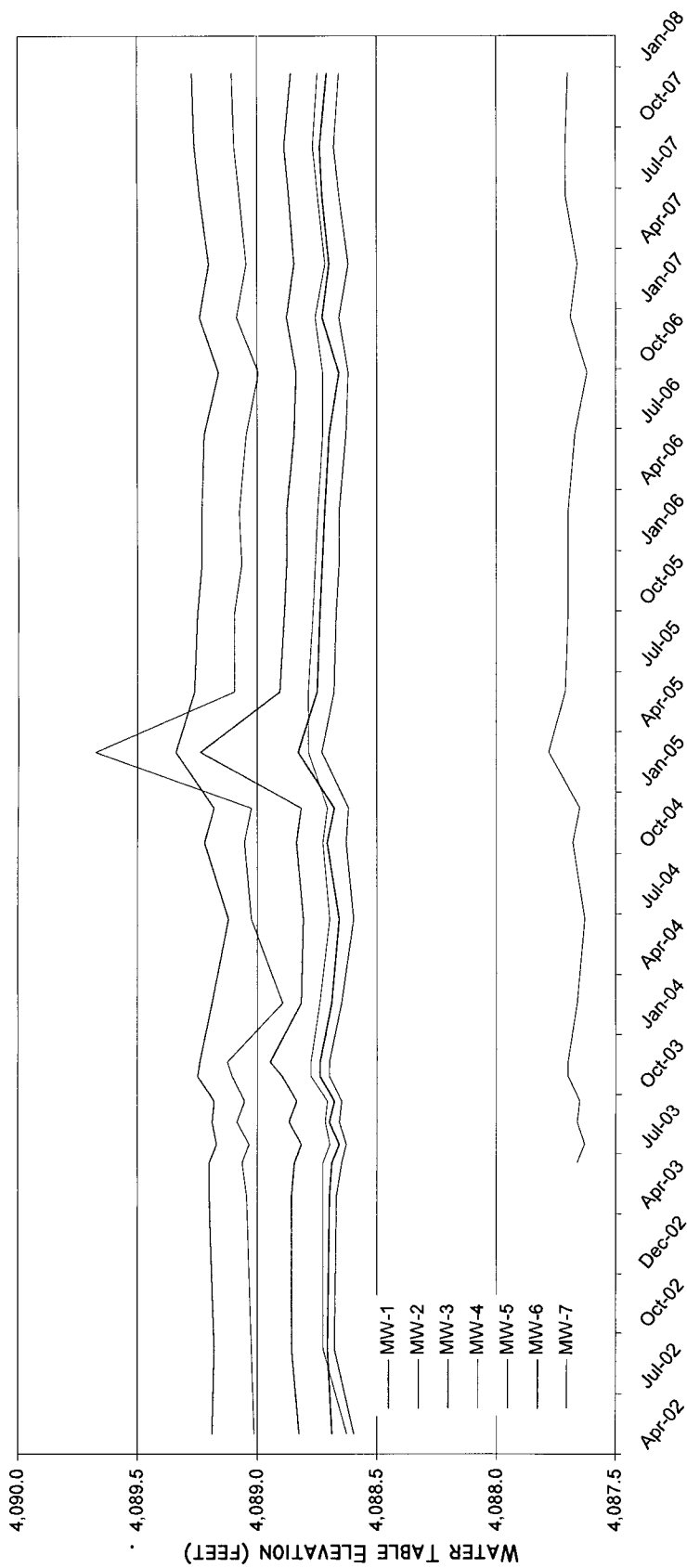


Figure 3 – Well Hydrographs

X-Line Monitoring

dep
Midstream.

DRAWN BY: MHS
DATE: 2/08

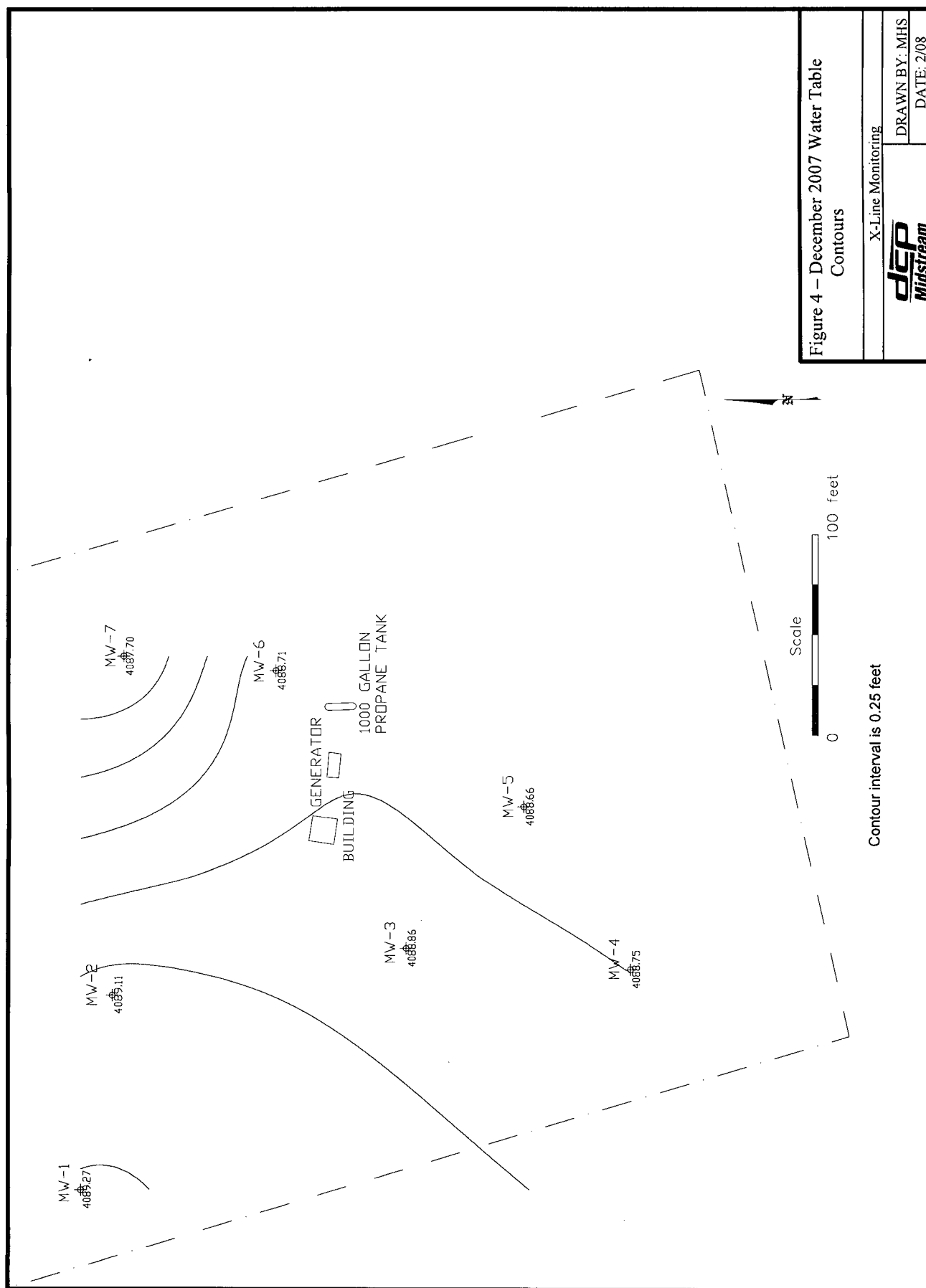


Figure 4 – December 2007 Water Table
Contours

X-Line Monitoring

dap
Midstream.

DRAWN BY: MHS
DATE: 2/08

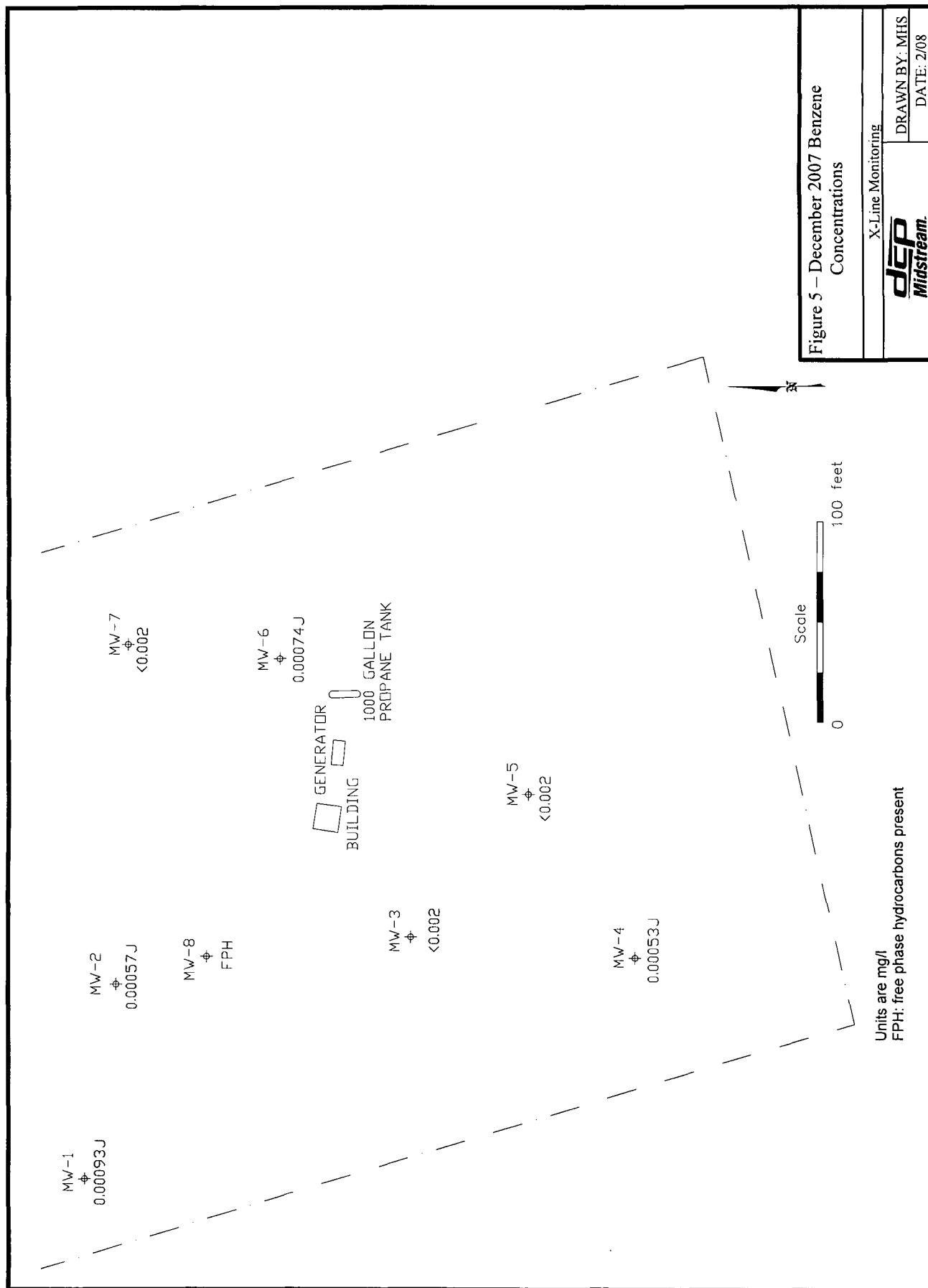


Figure 5 - December 2007 Benzene Concentrations

X-Line Monitoring

dgp
Midstream

DRAWN BY: MHS
DATE: 2/08

FIELD SAMPLING FORMS
AND
LABORATORY ANALYTICAL REPORT

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-1
 SITE NAME: X Line (Etchevery Ranch) DATE: 12/27/2007
 PROJECT NO. 7-0139-01 SAMPLER: J. Ferguson/R. Brooks

PURGING METHOD: ☐ Hand Bailed ☒ Pump If Pump, Type: Monsoon

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☒ Gloves ☒ Alconox ☒ Distilled Water Rinse ☒ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 94.30 Feet

DEPTH TO WATER: 77.42 Feet

HEIGHT OF WATER COLUMN: 16.88 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. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
15:57	0.0	-	-	-	-	-	Began Pumping Well!
15:58	3.0	15.9	0.62	7.83	-	-	
16:00	6.0	16.9	0.60	7.68	-	-	
16:02	9.0	16.9	0.60	7.61	-	-	
0:05 :Total Time (hr:min)			9 :Total Vol (gal)	1.79 :Flow Rate (gal/min)			

SAMPLE NO.: Collected Sample No.: 071227 1605

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-2
 SITE NAME: X Line (Etchevery Ranch) DATE: 12/27/2007
 PROJECT NO. 7-0139-01 SAMPLER: J. Fergerson/R. Brooks

PURGING METHOD: ☐ Hand Bailed ☒ Pump If Pump, Type: Monsoon

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 89.90 Feet

DEPTH TO WATER: 77.41 Feet

HEIGHT OF WATER COLUMN: 12.49 Feet

WELL DIAMETER: 2.0 Inch

6.1 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
16:18	0.0	-	-	-	-	-	Began Pumping Well!
16:20	2.2	15.2	0.86	7.17	-	-	
16:24	4.4	16.5	0.80	7.28	-	-	
16:26	6.6	16.9	0.72	7.34	-	-	
16:30	8.8	16.9	0.68	7.36	-	-	
0:12	:Total Time (hr:min)		8.8	:Total Vol (gal)		0.73	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 071227 1635

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-3
 SITE NAME: X Line (Etchevery Ranch) DATE: 12/27/2007
 PROJECT NO. 7-0139-01 SAMPLER: J. Ferguson/R. Brooks

PURGING METHOD: ☐ Hand Bailed ☒ Pump If Pump, Type: Monsoon

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☒ Disposal Facility

TOTAL DEPTH OF WELL: 92.80 Feet

DEPTH TO WATER: 77.47 Feet

HEIGHT OF WATER COLUMN: 15.33 Feet

WELL DIAMETER: 2.0 Inch

7.5 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
18:18	0.0	-	-	-	-	-	Began Pumping Well!
18:20	2.7	15.1	0.87	7.13	-	-	
18:22	5.4	16.4	0.82	7.19	-	-	
18:24	8.1	17.0	0.79	7.23	-	-	
0:06 :Total Time (hr:min)		8.1 :Total Vol (gal)		1.35 :Flow Rate (gal/min)			

SAMPLE NO.: Collected Sample No.: 071227 1825

ANALYSES: BTEX (8260)

COMMENTS: Collected Duplicate Sample No.: 0712271900 for BTEX (8260)

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-4
 SITE NAME: X Line (Etcheverry Ranch) DATE: 12/27/2007
 PROJECT NO. 7-0139-01 SAMPLER: J. Ferguson/R. Brooks

PURGING METHOD: ☐ Hand Bailed ☒ Pump If Pump, Type: Monsoon

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 93.40 Feet

DEPTH TO WATER: 77.58 Feet

HEIGHT OF WATER COLUMN: 15.82 Feet

WELL DIAMETER: 2.0 Inch

7.7 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
17:46	0.0	-	-	-	-	-	Began Pumping Well!
17:49	2.7	15.3	0.59	7.36	-	-	
17:51	5.4	16.4	0.59	7.48	-	-	
17:53	8.1	16.6	0.58	7.50	-	-	
0:07	:Total Time (hr:min)		8.1	:Total Vol (gal)		1.15	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 071227 1755

ANALYSES: BTEX (8260)

COMMENTS: Collected MS/MSD Samples!

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-5
 SITE NAME: X Line (Etcheverry Ranch) DATE: 12/27/2007
 PROJECT NO. 7-0139-01 SAMPLER: J. Fergerson/R. Brooks

PURGING METHOD: ☐ Hand Bailed ☒ Pump If Pump, Type: Monsoon

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 91.10 Feet

DEPTH TO WATER: 77.24 Feet

HEIGHT OF WATER COLUMN: 13.86 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. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
17:25	0.0	-	-	-	-	-	Began Pumping Well!
17:27	2.5	14.9	0.60	7.32	-	-	
17:30	5.0	16.1	0.61	7.42	-	-	
17:33	7.5	16.7	0.61	7.48	-	-	
0:08	:Total Time (hr:min)		7.5	:Total Vol (gal)		0.93	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 071227 1735

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-6
 SITE NAME: X Line (Etchevery Ranch) DATE: 12/27/2007
 PROJECT NO. 7-0139-01 SAMPLER: J. Fergerson/R. Brooks

PURGING METHOD: ☐ Hand Bailed ☒ Pump If Pump, Type: Monsoon

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 92.90 Feet

DEPTH TO WATER: 77.18 Feet

HEIGHT OF WATER COLUMN: 15.72 Feet

WELL DIAMETER: 2.0 Inch

7.7 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
17:05	0.0	-	-	-	-	-	Began Pumping Well!
17:07	2.7	15.6	0.57	7.29	-	-	
17:10	5.4	16.8	0.56	7.35	-	-	
17:12	8.1	17.0	0.56	7.38	-	-	
0:07	:Total Time (hr:min)		8.1	:Total Vol (gal)		1.15	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 071227 1715

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-7
 SITE NAME: X Line (Etchevery Ranch) DATE: 12/27/2007
 PROJECT NO. 7-0139-01 SAMPLER: J. Ferguson/R. Brooks

PURGING METHOD: ☐ Hand Bailed ☒ Pump If Pump, Type: Monsoon

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

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 92.80 Feet

DEPTH TO WATER: 76.73 Feet

HEIGHT OF WATER COLUMN: 16.07 Feet

WELL DIAMETER: 2.0 Inch

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

TIME	VOLUME PURGED	TEMP. °C	COND. m S/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
16:43	0.0	-	-	-	-	-	Began Pumping Well!
16:46	2.7	16.2	0.60	7.41	-	-	
16:48	5.4	16.9	0.60	7.48	-	-	
16:50	8.1	17.0	0.59	7.49	-	-	
0:07 :Total Time (hr:min)		8.1 :Total Vol (gal)		1.15 :Flow Rate (gal/min)			

SAMPLE NO.: Collected Sample No.: 071227 1655

ANALYSES: BTEX (8260)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-8
 SITE NAME: X Line (Etchevery Ranch) DATE: 12/27/2007
 PROJECT NO. 7-0139-01 SAMPLER: J. Ferguson/R. Brooks

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: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 85.10 Feet

DEPTH TO WATER: 77.93 Feet

HEIGHT OF WATER COLUMN: 7.17 Feet

WELL DIAMETER: 4.0 Inch

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

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
0:00	:Total Time (hr:min)		0	:Total Vol (gal)		#DIV/0! :Flow Rate (gal/min)	

SAMPLE NO.: Collected Sample No.: 071227

ANALYSES: BTEX (8260)

COMMENTS: Did Not Purge & Sample Due to FPH in Well



IT'S ALL IN THE CHEMISTRY

02/20/08



Technical Report for

DCP Midstream, LLC

X-Line

Lea Cnty, New Mexico

Accutest Job Number: T20334

Sampling Date: 12/29/07

Report to:

American Environmental Consulting

mstewart@aecdenvr.com

ATTN: Mike Stewart

Total number of pages in report: 23



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.

Ron Martino
Laboratory Manager

Client Service contact: Agnes Vicknair 713-271-4700

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

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Sample Summary

DCP Midstream, LLC

Job No: T20334

X-Line

Project No: Lea Cnty, New Mexico

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID
T20334-1	12/29/07	16:05 JF	12/29/07	AQ Ground Water	MW-1 (0712271605)
T20334-2	12/29/07	16:35 JF	12/29/07	AQ Ground Water	MW-2 (0712271635)
T20334-3	12/29/07	18:25 JF	12/29/07	AQ Ground Water	MW-3 (0712271825)
T20334-4	12/29/07	17:55 JF	12/29/07	AQ Ground Water	MW-4 (0712271755)
T20334-4D	12/29/07	17:55 JF	12/29/07	AQ Water Dup/MSD	MW-4 (0712271755) MSD
T20334-4S	12/29/07	17:55 JF	12/29/07	AQ Water Matrix Spike	MW-4 (0712271755) MS
T20334-5	12/29/07	17:35 JF	12/29/07	AQ Ground Water	MW-5 (0712271735)
T20334-6	12/29/07	17:15 JF	12/29/07	AQ Ground Water	MW-6 (0712271715)
T20334-7	12/29/07	16:55 JF	12/29/07	AQ Ground Water	MW-7 (0712271655)
T20334-8	12/29/07	19:00 JF	12/29/07	AQ Ground Water	DUPLICATE (0712271900)
T20334-9	12/29/07	00:00 JF	12/29/07	AQ Trip Blank Water	TRIP BLANK



IT'S ALL IN THE CHEMISTRY

Sample Results

Report of Analysis

Report of Analysis

Page 1 of 1

Client Sample ID: MW-1 (0712271605)
 Lab Sample ID: T20334-1
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: X-Line

Date Sampled: 12/29/07
 Date Received: 12/29/07
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0131615.D	1	12/31/07	ZLH	n/a	n/a	VB1585
Run #2							

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

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.00093	0.0020	0.00046	mg/l	J
108-88-3	Toluene	0.0020	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	0.0028	0.0060	0.0014	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	88%		76-125%
17060-07-0	1,2-Dichloroethane-D4	105%		69-128%
2037-26-5	Toluene-D8	110%		80-121%
460-00-4	4-Bromofluorobenzene	104%		69-142%

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

Page 1 of 1

Client Sample ID:	MW-2 (0712271635)	Date Sampled:	12/29/07
Lab Sample ID:	T20334-2	Date Received:	12/29/07
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	X-Line		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0131616.D	1	12/31/07	ZLH	n/a	n/a	VB1585
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	0.00057	0.0020	0.00046	mg/l	J
108-88-3	Toluene	0.0039	0.0020	0.00048	mg/l	
100-41-4	Ethylbenzene	0.00076	0.0020	0.00045	mg/l	J
1330-20-7	Xylene (total)	0.0051	0.0060	0.0014	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		76-125%
17060-07-0	1,2-Dichloroethane-D4	101%		69-128%
2037-26-5	Toluene-D8	113%		80-121%
460-00-4	4-Bromofluorobenzene	102%		69-142%

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

Page 1 of 1

Client Sample ID: MW-3 (0712271825)
Lab Sample ID: T20334-3
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: X-Line

Date Sampled: 12/29/07
Date Received: 12/29/07
Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0131617.D	1	12/31/07	ZLH	n/a	n/a	VB1585
Run #2							

Run #	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	0.0012	0.0020	0.00048	mg/l	J
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	91%		76-125%
17060-07-0	1,2-Dichloroethane-D4	97%		69-128%
2037-26-5	Toluene-D8	110%		80-121%
460-00-4	4-Bromofluorobenzene	103%		69-142%

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

Page 1 of 1

Client Sample ID: MW-4 (0712271755)
 Lab Sample ID: T20334-4
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: X-Line

Date Sampled: 12/29/07
 Date Received: 12/29/07
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0131618.D	1	12/31/07	ZLH	n/a	n/a	VB1585
Run #2							

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

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.00053	0.0020	0.00046	mg/l	J
108-88-3	Toluene	0.0010	0.0020	0.00048	mg/l	J
100-41-4	Ethylbenzene	ND	0.0020	0.00045	mg/l	
1330-20-7	Xylene (total)	0.0016	0.0060	0.0014	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		76-125%
17060-07-0	1,2-Dichloroethane-D4	103%		69-128%
2037-26-5	Toluene-D8	111%		80-121%
460-00-4	4-Bromofluorobenzene	104%		69-142%

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

Page 1 of 1

Client Sample ID: MW-5 (0712271735)
 Lab Sample ID: T20334-5
 Matrix: AQ - Ground Water
 Method: SW846 8260B
 Project: X-Line

Date Sampled: 12/29/07
 Date Received: 12/29/07
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0131640.D	1	01/01/08	ZLH	n/a	n/a	VB1586
Run #2							

Run #	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	0.00098	0.0020	0.00048	mg/l	J
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	87%		76-125%
17060-07-0	1,2-Dichloroethane-D4	85%		69-128%
2037-26-5	Toluene-D8	101%		80-121%
460-00-4	4-Bromofluorobenzene	101%		69-142%

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

Page 1 of 1

Client Sample ID:	MW-6 (0712271715)	Date Sampled:	12/29/07
Lab Sample ID:	T20334-6	Date Received:	12/29/07
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	X-Line		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0131641.D	1	01/01/08	ZLH	n/a	n/a	VB1586
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	0.00074	0.0020	0.00046	mg/l	J
108-88-3	Toluene	0.0013	0.0020	0.00048	mg/l	J
100-41-4	Ethylbenzene	0.0033	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	89%		76-125%
17060-07-0	1,2-Dichloroethane-D4	91%		69-128%
2037-26-5	Toluene-D8	102%		80-121%
460-00-4	4-Bromofluorobenzene	99%		69-142%

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

Page 1 of 1

Client Sample ID:	MW-7 (0712271655)	Date Sampled:	12/29/07
Lab Sample ID:	T20334-7	Date Received:	12/29/07
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	X-Line		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0131642.D	1	01/01/08	ZLH	n/a	n/a	VB1586
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	88%		76-125%
17060-07-0	1,2-Dichloroethane-D4	89%		69-128%
2037-26-5	Toluene-D8	104%		80-121%
460-00-4	4-Bromofluorobenzene	101%		69-142%

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

Page 1 of 1

Client Sample ID:	DUPLICATE (0712271900)			Date Sampled:	12/29/07
Lab Sample ID:	T20334-8			Date Received:	12/29/07
Matrix:	AQ - Ground Water			Percent Solids:	n/a
Method:	SW846 8260B				
Project:	X-Line				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0131643.D	1	01/01/08	ZLH	n/a	n/a	VB1586
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	0.0011	0.0020	0.00048	mg/l	J
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	90%		76-125%
17060-07-0	1,2-Dichloroethane-D4	91%		69-128%
2037-26-5	Toluene-D8	107%		80-121%
460-00-4	4-Bromofluorobenzene	101%		69-142%

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

Page 1 of 1

Client Sample ID:	TRIP BLANK	Date Sampled:	12/29/07
Lab Sample ID:	T20334-9	Date Received:	12/29/07
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	X-Line		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B0131614.D	1	12/31/07	ZLH	n/a	n/a	VB1585
Run #2							

Run #	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	85%		76-125%
17060-07-0	1,2-Dichloroethane-D4	94%		69-128%
2037-26-5	Toluene-D8	116%		80-121%
460-00-4	4-Bromofluorobenzene	107%		69-142%

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



IT'S ALL IN THE CHEMISTRY



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

10165 Harwin Drive, Ste. 150, Houston, TX 77036
TEL: 713-271-4700 FAX: 713-271-4770
www.accutest.com

FED-EX Tracking # 864158873395	Order Control # 720334
Accutest Quote #	Accutest Job #

Client / Reporting Information		Project Information		Requested Analysis		Matrix Codes																							
Company Name American Environmental Consulting		Project Name DCP Midstream - X Line																											
Address 6885 S. Marshall, Suite 3		Street (Etcheverry Ranch)																											
City Littleton, CO		City Lea County, New Mexico																											
State 80128		State																											
Project Contact Mike Stewart		Project #																											
E-mail																													
Phone # 303-948-7733		Fax # 303-948-7739																											
Sampler's Name John Fergerson		Client Purchase Order #																											
Accutest Sample #	Field ID / Point of Collection	SUMMA #	Collection		Number of preserved Bottles												LAB USE ONLY												
			MECH	Val #	Date	Time	Sampled By	Matrix	# of bottles	1	2	3	4	5	6	7		8	9	10	11	12	13	14	15	16	17	18	19
1	MW-1 (0712271605)				12/27/07	1605	JMF	GW	3	3																			
2	MW-2 (0712271635)				12/27/07	1635	JMF	GW	3	3																			
3	MW-3 (0712271825)				12/27/07	1825	JMF	GW	3	3																			
4	MW-4 (0712271755)				12/27/07	1755	JMF	GW	9	9																			
5	MW-5 (0712271735)				12/27/07	1735	JMF	GW	3	3																			
6	MW-6 (0712271715)				12/27/07	1715	JMF	GW	3	3																			
7	MW-7 (0712271655)				12/27/07	1655	JMF	GW	3	3																			
8	Duplicate (0712271900)				12/27/07	1900	JMF	GW	3	3																			
9	Trip Blank							WW	2	2																			
Turnaround Time (Business Days)		Data Deliverable Information		Comments / Remarks																									
☒ 10 Day STANDARD ☐ 5 Day RUSH ☐ 3 Day EMERGENCY ☐ 2 Day EMERGENCY ☐ 1 Day EMERGENCY ☐ Other		Approved By / Date: _____ _____ _____ _____ _____		☐ Commercial "A" ☐ Commercial "B" ☐ Reduced Tier 1 ☐ Full Tier 1 ☐ TRRP13 Commercial "A" = Results Only		Invoice To: DCP Midstream Attn: Steve Weathers																							
Emergency & Rush TIA data available VIA LabLink		Sample Custody must be documented below each time samples change possession, including courier delivery.																											
Relinquished by: 1 [Signature]	Date/Time 12/28/07	Received by: 1	Date/Time	Relinquished by: 2	Date/Time	Received by: 2	Date/Time																						
Relinquished by: 3	Date/Time	Received by: 3	Date/Time	Relinquished by: 4	Date/Time	Received by: 4	Date/Time																						
Relinquished by: 5	Date/Time 12/29/07	Received by: 5 Cassie Ecott	Date/Time	Custody Seal #	Preserved where applicable ☐	On Ice ☐	Cooler Temp. 3.6																						

3.1
3



ACQUATEST.

SAMPLE RECEIPT LOG

JOB #:

T20334

DATE/TIME RECEIVED: 12/29/12 10:00

CLIENT

American Environmental Consulting

INITIALS: CNE

Condition/Variance (Circle "Y" for yes and "N" for no or NA. If "N" is circled, see variance for explanation):

- | | | | |
|--|--|---------------------------------------|--|
| 1. N | Sample received in undamaged condition. | 2. ☒ N | Samples received within temp. range. |
| 3. Y ☒ NA | Sample received with proper pH. | 4. ☒ N | Sample received in proper containers. |
| 5. ☒ N | Sample volume sufficient for analysis. | 6. ☒ N | Sample received with chain of custody. |
| 7. ☒ N | Chain of Custody matches sample IDs and analysis on containers. | | |
| 8. ☒ N | Samples Headspace acceptable | | |
| 9. ☒ N | NA Custody seal received intact and tamper not evident on cooler. | | |
| 10. Y ☒ N | NA Custody seal received intact and tamper not evident on bottles. | | |

[illegible]

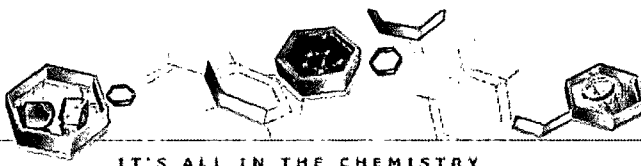
LOCATION: WI: Walk-In VR: Volatile Refrig. SUB: Subcontract EF: Encore Freezer
PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NaOH 6: Other

pH of waters checked excluding volatiles
pH of soils N/A

Delivery method: Courier: FedEx

COOLER TEMP: 3.4

Form: SM012 Rev. 07/28/06. QAO



IT'S ALL IN THE CHEMISTRY

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

Page 1 of 1

Job Number: T20334

Account: DUKE DCP Midstream, LLC

Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1585-MB	B0131613.D	1	12/31/07	ZLH	n/a	n/a	VB1585

The QC reported here applies to the following samples:

Method: SW846 8260B

T20334-1, T20334-2, T20334-3, T20334-4, T20334-9

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	88%	76-125%
17060-07-0	1,2-Dichloroethane-D4	98%	69-128%
2037-26-5	Toluene-D8	107%	80-121%
460-00-4	4-Bromofluorobenzene	96%	69-142%

Method Blank Summary

Page 1 of 1

Job Number: T20334

Account: DUKE DCP Midstream, LLC

Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1586-MB	B0131628.D	1	01/01/08	ZLH	n/a	n/a	VB1586

The QC reported here applies to the following samples:

Method: SW846 8260B

T20334-5, T20334-6, T20334-7, T20334-8

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	92% 76-125%
17060-07-0	1,2-Dichloroethane-D4	92% 69-128%
2037-26-5	Toluene-D8	102% 80-121%
460-00-4	4-Bromofluorobenzene	101% 69-142%

Blank Spike Summary

Page 1 of 1

Job Number: T20334

Account: DUKE DCP Midstream, LLC

Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1585-BS	B0131611.D	1	12/31/07	ZLH	n/a	n/a	VB1585

The QC reported here applies to the following samples:

Method: SW846 8260B

T20334-1, T20334-2, T20334-3, T20334-4, T20334-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	19.9	80	73-121
100-41-4	Ethylbenzene	25	26.3	105	75-117
108-88-3	Toluene	25	24.3	97	75-119
1330-20-7	Xylene (total)	75	81.9	109	75-118

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	89%	76-125%
17060-07-0	1,2-Dichloroethane-D4	97%	69-128%
2037-26-5	Toluene-D8	108%	80-121%
460-00-4	4-Bromofluorobenzene	95%	69-142%

Blank Spike Summary

Page 1 of 1

Job Number: T20334
Account: DUKE DCP Midstream, LLC
Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1586-BS	B0131626.D	1	01/01/08	ZLH	n/a	n/a	VB1586

The QC reported here applies to the following samples:

Method: SW846 8260B

T20334-5, T20334-6, T20334-7, T20334-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	19.1	76	73-121
100-41-4	Ethylbenzene	25	24.9	100	75-117
108-88-3	Toluene	25	23.8	95	75-119
1330-20-7	Xylene (total)	75	73.4	98	75-118

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	94%	76-125%
17060-07-0	1,2-Dichloroethane-D4	95%	69-128%
2037-26-5	Toluene-D8	104%	80-121%
460-00-4	4-Bromofluorobenzene	97%	69-142%

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T20334
Account: DUKE DCP Midstream, LLC
Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T20334-4MS	B0131621.D	1	12/31/07	ZLH	n/a	n/a	VB1585
T20334-4MSD	B0131622.D	1	12/31/07	ZLH	n/a	n/a	VB1585
T20334-4	B0131618.D	1	12/31/07	ZLH	n/a	n/a	VB1585

The QC reported here applies to the following samples:

Method: SW846 8260B

T20334-1, T20334-2, T20334-3, T20334-4, T20334-9

CAS No.	Compound	T20334-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	0.53	J	25	19.3	75	18.8	73* a	3	74-125/18
100-41-4	Ethylbenzene	ND		25	25.2	101	24.7	99	2	77-119/20
108-88-3	Toluene	1.0	J	25	24.9	96	24.6	94	1	79-119/21
1330-20-7	Xylene (total)	1.6	J	75	77.0	101	76.9	100	0	78-119/20

CAS No.	Surrogate Recoveries	MS	MSD	T20334-4	Limits
1868-53-7	Dibromofluoromethane	91%	93%	96%	76-125%
17060-07-0	1,2-Dichloroethane-D4	95%	96%	103%	69-128%
2037-26-5	Toluene-D8	110%	111%	111%	80-121%
460-00-4	4-Bromofluorobenzene	100%	97%	104%	69-142%

(a) Outside control limits due to matrix interference.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: T20334
Account: DUKE DCP Midstream, LLC
Project: X-Line

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T20326-5MS	B0131638.D	5	01/01/08	ZLH	n/a	n/a	VB1586
T20326-5MSD	B0131639.D	5	01/01/08	ZLH	n/a	n/a	VB1586
T20326-5	B0131635.D	5	01/01/08	ZLH	n/a	n/a	VB1586

The QC reported here applies to the following samples:

Method: SW846 8260B

T20334-5, T20334-6, T20334-7, T20334-8

CAS No.	Compound	T20326-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20.1		125	130	88	124	83	5	74-125/18
100-41-4	Ethylbenzene	553		125	628	60* a	626	58* a	0	77-119/20
108-88-3	Toluene	6.1	J	125	132	101	134	102	2	79-119/21
1330-20-7	Xylene (total)	44.5		375	448	108	461	111	3	78-119/20

CAS No.	Surrogate Recoveries	MS	MSD	T20326-5	Limits
1868-53-7	Dibromofluoromethane	94%	93%	88%	76-125%
17060-07-0	1,2-Dichloroethane-D4	88%	89%	94%	69-128%
2037-26-5	Toluene-D8	98%	104%	104%	80-121%
460-00-4	4-Bromofluorobenzene	94%	94%	100%	69-142%

(a) Outside control limits due to high level in sample relative to spike amount.



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

October 29, 2007

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

**RE: 3rd Quarter 2007 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 3rd Quarter 2007 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

A handwritten signature in black ink, appearing to read "Stephen Weathers", followed by a long horizontal line.

Stephen Weathers, PG
Sr. Environmental Specialist

cc: Mrs. Etcheverry, Landowner - Certified Mail 91 7108 2133 3932 9035 1468
Larry Johnson, OCD Hobbs District Office (Copy on CD)
Lynn Ward, DCP Midland Office
Environmental Files

October 16, 2007

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

Re: Third Quarter 2007 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 third quarter 2007 groundwater monitoring activities completed September 5, 2007 for DCP Midstream, LP (DCP) at the X-Line Pipeline Release on the Etcheverry Ranch at 33.0364° north, 103.5467° west (Figure 1).

Seven groundwater-monitoring wells, MW-1 through MW-7, were sampled at the site. The well locations are shown on Figure 2. 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. Well MW-8 contained 0.40 feet of free phase hydrocarbons (FPH).

The wells were then purged and sampled using disposable bailers. No sample was collected from MW-8 because of the FPH. Well purging consisted of removing a minimum of three casing volumes of water and then continue 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-1.

The samples were placed in an ice-filled chest immediately upon collection and documented using standard chain-of-custody protocol. The samples were delivered directly to the Environmental Labs of Texas in Midland Texas. All affected development and purge water was disposed of at the DCP Linam Ranch facility.

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. Well MW-8 is not included because its casing elevation is not established.

Figure 3 shows that the water-table elevations continue a slight rise. A water-table contour map based upon the September 2007 measurements was generated using the Surfer program with a kriging option (Figure 4). The water-table configuration continues to reflect the historical conditions.

The Free Phase Hydrocarbon (FPH) thickness values measured in MW-8 during the monitoring program are summarized in Table 3. 0.40 feet of FPH were measured in the well in September 2007. Soil vapor extraction (SVE) activities continue to remove the accumulated FPH.

Table 4 summarizes the September 2007 sampling results. A copy of the laboratory report is attached. No benzene was detected in any of the wells. Toluene and xylenes were detected at concentrations in MW-2 that are at least two orders of magnitude below the New Mexico Water Quality Control Commission Groundwater Standards that are reproduced at the top of Table 4.

The quality assurance/quality control evaluation is summarized on Table 5. Important facts include:

1. The sample temperature was measured at 2.5° C upon receipt by the laboratory
2. The surrogate spikes were 1-2% below than the lower value within their respective control ranges in four of the samples.
3. The relative percentage difference values could not be calculated because there were no BTEX constituents detected in MW-3 or its field duplicate
4. The matrix spike and the matrix spike duplicate results for MW-4 were all within their acceptable ranges.

The above results establish that the samples are suitable for their intended uses.

The September 2007 benzene distribution is shown on Figure 5. Toluene and xylenes remain confined to a very limited area at MW-2 in the center of the site. None of the down-gradient monitoring wells contained detectable BTEX constituents.

All of the historical data for benzene, toluene, ethylbenzene and total xylenes are summarized in Tables 6, 7, 8, and 9 respectively. None of the seven historic monitoring wells MW-1 through MW-7 contained benzene above the 0.001 mg/l method reporting limit. This is the eleventh consecutive quarterly sampling episode for MW-2 and the ninth consecutive quarterly sampling episode for MW-3 that met this condition.

The iSOC® (short for in-situ Submerged Oxygen Curtain) device that was installed in MW-8 to increase the dissolved oxygen in the groundwater to enhance bioremediation of the BTEX constituents has continued to operate since April 2007. This device was left operational in conjunction with the SVE system to continue to oxygenate the affected water at MW-8.

Mr. Stephen Weathers
October 16, 2007
Page 3

The next monitoring episode is scheduled for the fourth quarter of 2007. The SVE system will be deactivated before the sampling so that the FPH thickness can be measured accurately.

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

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	4,088.54	4088.53	4,088.55	4,088.55	4,088.52	4,088.54	4,088.53	4,088.60	4,088.59	4,089.19	4,089.12	4,089.22	4,089.18	4,089.34
MW-2	4,089.02	4089.03	4,089.05	4,089.07	4,089.04	4,089.09	4,089.06	4,089.11	4,089.13	4,088.90	4,089.03	4,089.06	4,089.03	4,089.68
MW-3	4,088.83	4088.86	4,088.86	4,088.85	4,088.82	4,088.87	4,088.84	4,088.90	4,088.95	4,088.82	4,088.81	4,088.84	4,088.82	4,089.24
MW-4	4,088.63	4088.73	4,088.73	4,088.73	4,088.70	4,088.72	4,088.71	4,088.78	4,088.78	4,088.74	4,088.70	4,088.73	4,088.71	4,088.79
MW-5	4,088.60	4088.68	4,088.67	4,088.65	4,088.63	4,088.66	4,088.65	4,088.70	4,088.70	4,088.65	4,088.60	4,088.63	4,088.62	4,088.73
MW-6	4,088.69	4088.71	4,088.70	4,088.69	4,088.66	4,088.70	4,088.68	4,088.74	4,088.74	4,088.69	4,088.66	4,088.71	4,088.68	4,088.83
MW-7	----	----	----	4,088.04	4,088.01	4,088.04	4,088.03	4,088.08	4,088.08	4,087.66	4,087.63	4,087.68	4,087.65	4,087.78

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
MW-1	4,089.26	4,089.25	4,089.23	4,089.23	4,089.22	4,089.16	4,089.24	4,089.20	4,089.24	4089.26
MW-2	4,089.10	4,089.10	4,089.07	4,089.08	4,089.05	4,089.00	4,089.09	4,089.05	4,089.08	4089.10
MW-3	4,088.91	4,088.89	4,088.88	4,088.88	4,088.85	4,088.84	4,088.88	4,088.85	4,088.87	4088.89
MW-4	4,088.79	4,088.77	4,088.76	4,088.75	4,088.73	4,088.73	4,088.76	4,088.72	4,088.75	4088.77
MW-5	4,088.68	4,088.67	4,088.66	4,088.66	4,088.63	4,088.62	4,088.66	4,088.62	4,088.66	4088.68
MW-6	4,088.75	4,088.74	4,088.73	4,088.72	4,088.70	4,088.66	4,088.73	4,088.70	4,088.73	4088.74
MW-7	4,087.71	4,087.70	4,087.70	4,087.70	4,087.67	4,087.62	4,087.69	4,087.66	4,087.71	4087.71

Units are feet

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

Units are feet

Table 4 – September 5, 2007 Groundwater Monitoring Results

Well	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standards	0.01	0.75	0.75	0.62
MW-1	<0.002	<0.002	<0.002	<0.004
MW-2	<0.002	0.0075	<0.002	0.0078
MW-3	<0.002	<0.002	<0.002	<0.004
MW-3 (Duplicate)	<0.002	<0.002	<0.002	<0.004
MW-4	<0.002	<0.002	<0.002	<0.004
MW-5	<0.002	<0.002	<0.002	<0.004
MW-6	<0.002	<0.002	<0.002	<0.004
MW-7	<0.002	<0.002	<0.002	<0.004
Trip Blank	<0.002	<0.002	<0.002	0.0074

Notes: Units are mg/l

Table 5 – September 5, 2007 Quality Assurance and Quality Control Results

Field Duplicate Relative Percentage Difference Values for MW-3

	Benzene	Toluene	Ethyl Benzene	Xylenes p,m/o
RPD (%)	NA	NA	NA	NA

NA: Calculation could not be completed because constituent was not detected above method reporting limits..

MW-1 Matrix Spike/Matrix Spike Duplicate Results

	Benzene	Toluene	Ethyl Benzene	Xylenes p,m	Xylenes o
Matrix Spike	93	102	111	101	108
Matrix Spike Duplicate	86	94	100	93	95

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	0.00584	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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-2	<0.001	0.0006	0.0007	<0.001	0.000674	<0.001	<0.002
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-8	FPH	FPH	0.235	FPH	0.415	FPH	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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-2	<0.001	0.00114	0.00137	<0.001	0.00512	0.0102	0.0075
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-8	FPH	FPH	0.791	FPH	0.977	FPH	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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-2	<0.001	<0.001	0.0003	<0.001	0.00120	0.0024	<0.002
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0011	<0.002
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-6	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.002
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-8	FPH	FPH	0.239	FPH	0.437	FPH	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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004
MW-2	<0.001	0.00125	0.0014	<0.001	0.00770	0.013	0.0078
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.004
MW-8	FPH	FPH	2.27	FPH	3.35	FPH	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

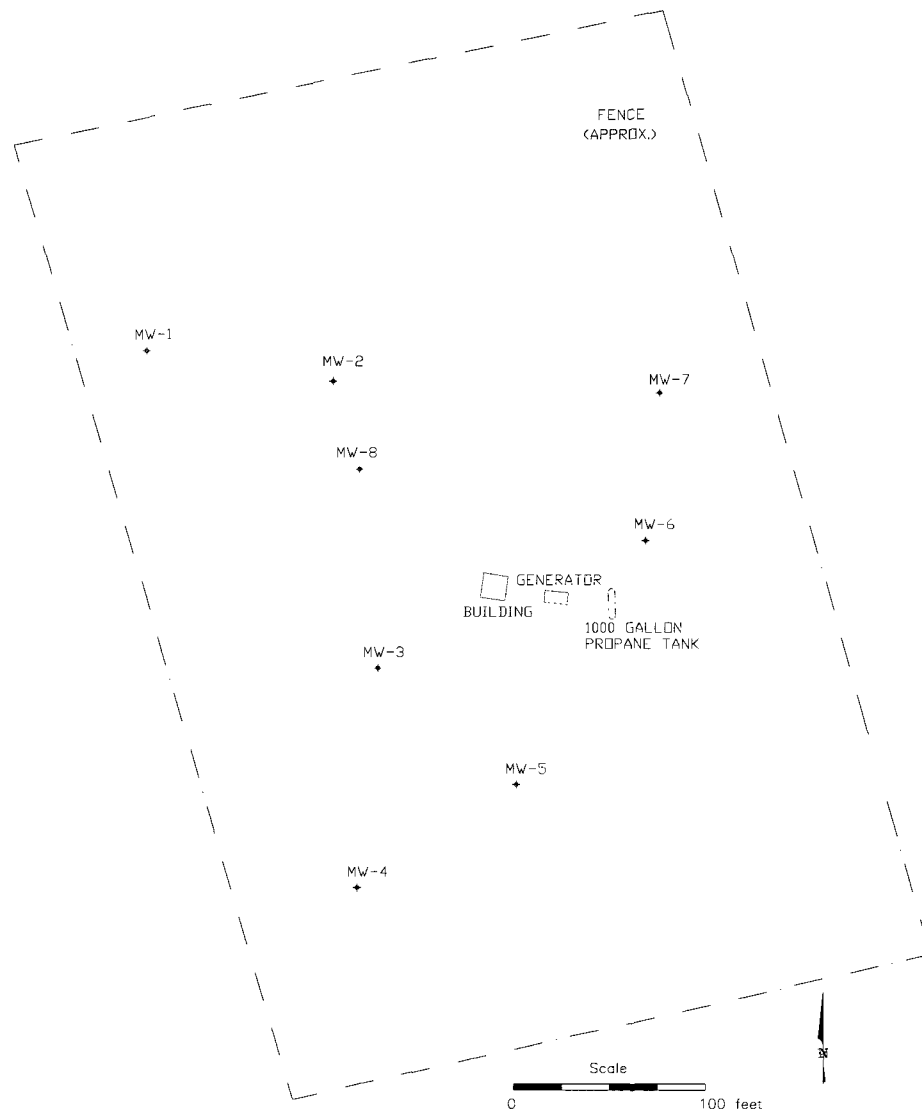


Figure 2 – Facility Configuration
X-Line Remediation



DRAWN BY: MHS

REVISED:

DATE: 1/07

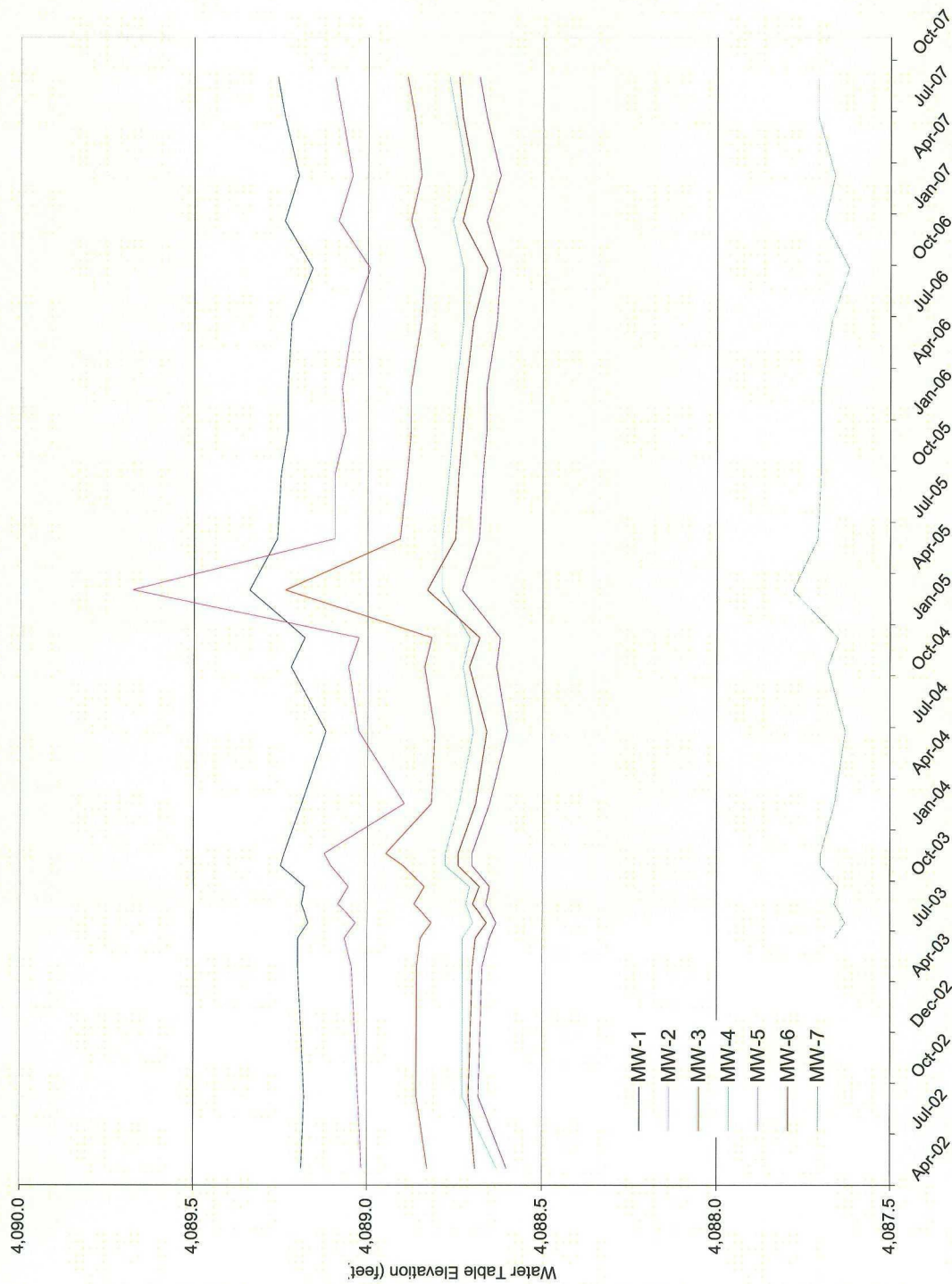


Figure 3 – Well Hydrographs

X-Line Remediation

dcp
Midstream

DRAWN BY: MHS
DATE: 10/07

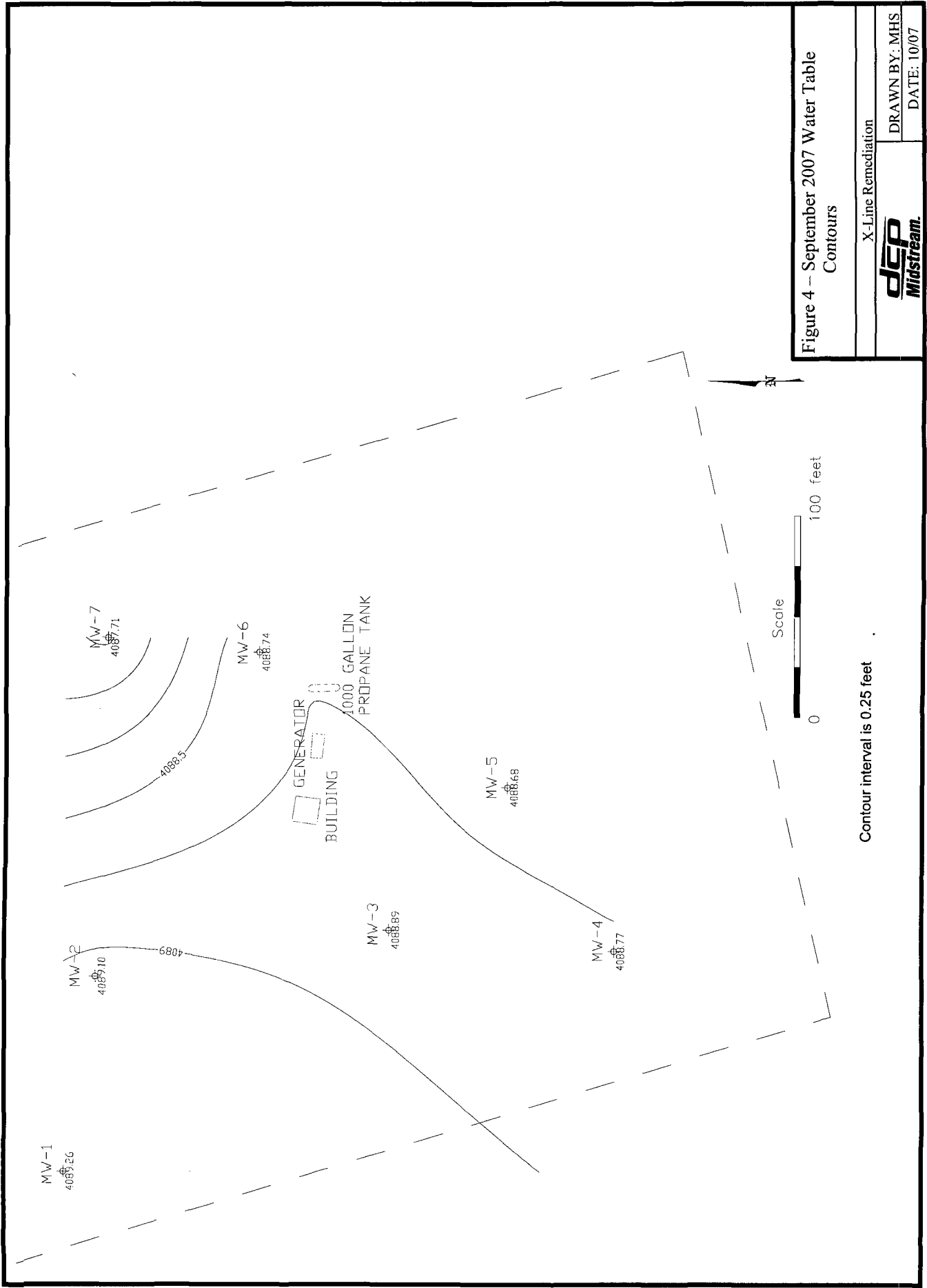
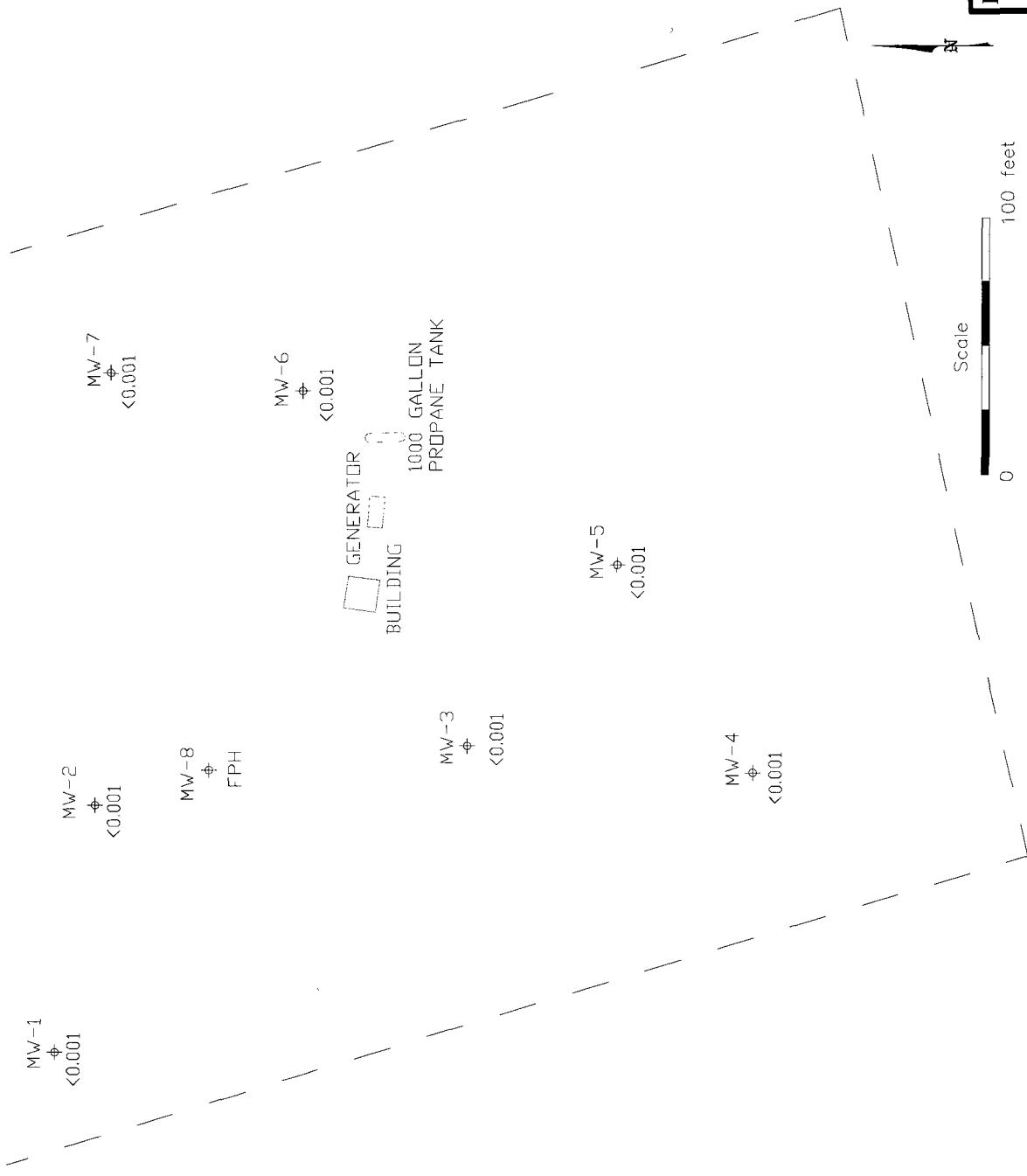


Figure 4 -- September 2007 Water Table Contours

X-Line Remediation

dap
Midstream.

DRAWN BY: MHS
DATE: 10/07



Units are mg/l
 FPH: free phase hydrocarbons present

Figure 5 – September 2007 Benzene Concentrations

X-Line Remediation

dep
 Midstream

DRAWN BY: MHS
 DATE: 10/07

FIELD SAMPLING FORMS
AND
LABORATORY ANALYTICAL REPORT

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-1
 SITE NAME: X Line (Etcheverry Ranch) DATE: 9/5/2007
 PROJECT NO. F-106 SAMPLER: J. Ferguson/D. Littlejohn

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: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 94.30 Feet

DEPTH TO WATER: 77.43 Feet

HEIGHT OF WATER COLUMN: 16.87 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. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
10:13	0.0	-	-	-	-	-	Begin Hand Bailing
10:26	3.0	21.7	0.62	7.42	-	-	
10:39	6.0	21.9	0.62	7.77	-	-	
10:49	9.0	22.9	0.63	7.82	-	-	
0:36	:Total Time (hr:min)		9	:Total Vol (gal)		0.25	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 070905 1052

ANALYSES: BTEX (8021-B)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-2
 SITE NAME: X Line (Etcheverry Ranch) DATE: 9/5/2007
 PROJECT NO. F-106 SAMPLER: J. Ferguson/D. Littlejohn

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: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☒ Disposal Facility

TOTAL DEPTH OF WELL: 89.90 Feet

DEPTH TO WATER: 77.42 Feet

HEIGHT OF WATER COLUMN: 12.48 Feet

WELL DIAMETER: 2.0 Inch

6.1 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
11:01	0.0	-	-	-	-	-	Begin Hand Bailing
11:08	2.3	23.1	0.94	7.59	-	-	
11:16	4.7	23.7	0.90	7.59	-	-	
11:23	7.0	23.3	0.88	7.62	-	-	
0:22 :Total Time (hr:min)			7 :Total Vol (gal)	0.32 :Flow Rate (gal/min)			

SAMPLE NO.: Collected Sample No.: 070905 1126

ANALYSES: BTEX (8021-B)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-3
 SITE NAME: X Line (Etchevery Ranch) DATE: 9/5/2007
 PROJECT NO. F-106 SAMPLER: J. Ferguson/D. Littlejohn

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: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☒ Disposal Facility

TOTAL DEPTH OF WELL: 92.80 Feet
 DEPTH TO WATER: 77.44 Feet
 HEIGHT OF WATER COLUMN: 15.36 Feet
 WELL DIAMETER: 2.0 Inch

7.5 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
10:46	0.0	-	-	-	-	-	Begin Hand Bailing
10:55	2.6	25.9	0.98	6.83	-	-	
11:08	5.2	25.4	0.95	6.72	-	-	
11:20	7.8	25.1	0.94	6.77	-	-	
0:34 :Total Time (hr:min)			7.8 :Total Vol (gal)			0.23 :Flow Rate (gal/min)	

SAMPLE NO.: Collected Sample No.: 070905 1125

ANALYSES: BTEX (8021-B)

COMMENTS: Collected Duplicate Sample No.: 0709051500 for BTEX (8021-B)

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-4
 SITE NAME: X Line (Etchevery Ranch) DATE: 9/5/2007
 PROJECT NO. F-106 SAMPLER: J. Ferguson/D. Littlejohn

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: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 93.40 Feet

DEPTH TO WATER: 77.56 Feet

HEIGHT OF WATER COLUMN: 15.84 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. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
11:39	0.0	-	-	-	-	-	Begin Hand Bailing
11:47	2.6	23.4	0.64	7.06	-	-	
11:59	5.2	23.3	0.64	7.09	-	-	
12:14	7.9	23.6	0.64	7.10	-	-	
0:35 :Total Time (hr:min)			7.9 :Total Vol (gal)			0.22 :Flow Rate (gal/min)	

SAMPLE NO.: Collected Sample No.: 070905 1220

ANALYSES: BTEX (8021-B)

COMMENTS: Collected MS/MSD Samples!

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. F-106

WELL ID: MW-5
 DATE: 9/5/2007
 SAMPLER: J. Ferguson/D. Littlejohn

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: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 91.10 Feet
 DEPTH TO WATER: 77.22 Feet
 HEIGHT OF WATER COLUMN: 13.88 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. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
12:33	0.0	-	-	-	-	-	Begin Hand Bailing
12:40	2.3	22.7	0.67	7.09	-	-	
12:48	4.6	22.3	0.65	7.11	-	-	
12:56	7.0	22.4	0.66	7.12	-	-	
0:23 :Total Time (hr:min)			7 :Total Vol (gal)	0.30 :Flow Rate (gal/min)			

SAMPLE NO.: Collected Sample No.: 070905 1118

ANALYSES: BTEX (8021-B)

COMMENTS: Collected MS/MSD Samples!

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-6
 SITE NAME: X Line (Etchevery Ranch) DATE: 9/5/2007
 PROJECT NO. F-106 SAMPLER: J. Ferguson/D. Littlejohn

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: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 92.90 Feet
 DEPTH TO WATER: 77.15 Feet
 HEIGHT OF WATER COLUMN: 15.75 Feet
 WELL DIAMETER: 2.0 Inch

7.7 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
12:32	0.0	-	-	-	-	-	Begin Hand Bailing
12:41	2.7	23.4	0.45	7.69	-	-	
12:49	5.3	24.1	0.48	7.66	-	-	
12:58	8.0	24.1	0.48	7.70	-	-	
0:26 :Total Time (hr:min)			8 :Total Vol (gal)			0.31 :Flow Rate (gal/min)	

SAMPLE NO.: Collected Sample No.: 070905 1259
 ANALYSES: BTEX (8021-B)
 COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-7
 SITE NAME: X Line (Etchevery Ranch) DATE: 9/5/2007
 PROJECT NO. F-106 SAMPLER: J. Ferguson/D. Littlejohn

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: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 92.80 Feet
 DEPTH TO WATER: 76.72 Feet
 HEIGHT OF WATER COLUMN: 16.08 Feet
 WELL DIAMETER: 2.0 Inch

7.9 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
11:38	0.0	-	-	-	-	-	Begin Hand Bailing
11:45	2.7	23.5	0.64	7.90	-	-	
12:15	5.3	25.4	0.65	7.95	-	-	
12:23	8.0	23.1	0.62	7.98	-	-	
0:45 :Total Time (hr:min)			8 :Total Vol (gal)	0.18 :Flow Rate (gal/min)			

SAMPLE NO.: Collected Sample No.: 070905 1224

ANALYSES: BTEX (8021-B)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. F-106

WELL ID: MW-8
DATE: 9/5/2007
SAMPLER: J. Fergerson/D. Littlejohn

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: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL:	85.10	Feet
DEPTH TO WATER:	78.27	Feet
HEIGHT OF WATER COLUMN:	6.83	Feet
WELL DIAMETER:	4.0	Inch

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

TIME	VOLUME PURGED	TEMP. °C	COND. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
0:00	:Total Time (hr:min)		0	:Total Vol (gal)		#DIV/0!	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 070905

ANALYSES: BTEX (8021-B)

COMMENTS: Did Not Purge & Sample Due to FPH in Well!

Analytical Report 289131

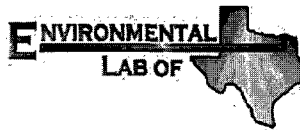
for

American Environmental Consulting

Project Manager: Mike Stewart

DCP - X-Line (Etcheverry Ranch)

13-SEP-07



12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

Texas certification numbers:

Houston, TX T104704215

Florida certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta



13-SEP-07

Project Manager: **Mike Stewart**
American Environmental Consulting
6885 S. Marshall
Suite 3
Littleton, CO 80128

Reference: XENCO Report No: **289131**
DCP - X-Line (Etcheverry Ranch)
Project Address: Lea County, New Mexico

Mike Stewart:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 289131. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 289131 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

A handwritten signature in black ink, appearing to read "Brent Barron", written over a horizontal line.

Brent Barron

Odessa Laboratory Director

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Sample Cross Reference 289131

American Environmental Consulting, Littleton, CO

DCP - X-Line (Etcheverry Ranch)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1	W	Sep-05-07 10:52		289131-001
MW-2	W	Sep-05-07 11:26		289131-002
MW-3	W	Sep-05-07 11:25		289131-003
MW-4 (MS/MSD)	W	Sep-05-07 12:20		289131-004
MW-5	W	Sep-05-07 13:00		289131-005
MW-6	W	Sep-05-07 12:59		289131-006
MW-7	W	Sep-05-07 12:24		289131-007
Duplicate	W	Sep-05-07 15:00		289131-008
Trip Blank	W	Sep-05-07 00:00		289131-009



Certificate of Analysis Summary 289131
American Environmental Consulting, Littleton, CO

Project Id: **Project Name:** DCP - X-Line (Etcheverry Ranch)
Contact: Mike Stewart
Project Location: Lea County, New Mexico

Date Received in Lab: Fri Sep-07-07 10:55 am
Report Date: 13-SEP-07

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	289131-001	<i>Field Id:</i>	289131-002	<i>Depth:</i>	289131-003	<i>Matrix:</i>	289131-004	<i>Sampled:</i>	289131-005	<i>Matrix:</i>	289131-006
	<i>Field Id:</i>	MW-1	<i>Depth:</i>	MW-2	<i>Matrix:</i>	MW-3	<i>Sampled:</i>	MW-4 (MS/MSD)	<i>Matrix:</i>	MW-5	<i>Sampled:</i>	MW-6
	<i>Matrix:</i>	WATER	<i>Matrix:</i>	WATER	<i>Matrix:</i>	WATER	<i>Matrix:</i>	WATER	<i>Matrix:</i>	WATER	<i>Matrix:</i>	WATER
	<i>Sampled:</i>	Sep-05-07 10:52	<i>Sampled:</i>	Sep-05-07 11:26	<i>Sampled:</i>	Sep-05-07 11:25	<i>Sampled:</i>	Sep-05-07 12:20	<i>Sampled:</i>	Sep-05-07 13:00	<i>Sampled:</i>	Sep-05-07 12:59
BTEX by EPA 8021B	<i>Extracted:</i>	Sep-10-07 10:16	<i>Extracted:</i>	Sep-10-07 10:16	<i>Extracted:</i>	Sep-10-07 10:16	<i>Extracted:</i>	Sep-10-07 10:16	<i>Extracted:</i>	Sep-10-07 10:16	<i>Extracted:</i>	Sep-10-07 10:16
	<i>Analyzed:</i>	Sep-11-07 18:51	<i>Analyzed:</i>	Sep-11-07 19:12	<i>Analyzed:</i>	Sep-11-07 19:33	<i>Analyzed:</i>	Sep-11-07 19:53	<i>Analyzed:</i>	Sep-11-07 20:14	<i>Analyzed:</i>	Sep-11-07 20:35
	<i>Units/RL:</i>	mg/L RL	<i>Units/RL:</i>	mg/L RL	<i>Units/RL:</i>	mg/L RL	<i>Units/RL:</i>	mg/L RL	<i>Units/RL:</i>	mg/L RL	<i>Units/RL:</i>	mg/L RL
	Benzene	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020
Toluene	ND 0.0020	ND 0.0020	0.0075	0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020
Ethylbenzene	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020
m,p-Xylene	ND 0.0040	ND 0.0040	0.0053	0.0040	ND 0.0040	ND 0.0040	ND 0.0040	ND 0.0040	ND 0.0040	ND 0.0040	ND 0.0040	ND 0.0040
o-Xylene	ND 0.0020	ND 0.0020	0.0025	0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020
Total Xylenes	ND	ND	0.0078		ND	ND	ND	ND	ND	ND	ND	ND
Total BTEX	ND	ND	0.0153		ND	ND	ND	ND	ND	ND	ND	ND

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Brent Barron
Odessa Laboratory Director



Certificate of Analysis Summary
289131

American Environmental Consulting, Littleton, CO

Project Name: DCP - X-Line (Etcheverry Ranch)

Project Id:

Contact: Mike Stewart

Project Location: Lea County, New Mexico

Date Received in Lab: Fri Sep-07-07 10:55 am

Report Date: 13-SEP-07

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	289131-007	<i>Field Id:</i>	289131-008	<i>Depth:</i>	289131-009
	<i>Matrix:</i>	MW-7	<i>Matrix:</i>	Duplicate	<i>Matrix:</i>	Trip Blank
	<i>Sampled:</i>	WATER	<i>Sampled:</i>	WATER	<i>Sampled:</i>	WATER
	<i>Extracted:</i>	Sep-05-07 12:24	<i>Extracted:</i>	Sep-05-07 15:00	<i>Extracted:</i>	Sep-05-07 00:00
	<i>Analyzed:</i>	Sep-10-07 10:16	<i>Analyzed:</i>	Sep-10-07 10:16	<i>Analyzed:</i>	Sep-10-07 10:16
BTEX by EPA 8021B	<i>Units/RL:</i>	Sep-11-07 20:55	<i>Units/RL:</i>	Sep-11-07 21:16	<i>Units/RL:</i>	Sep-11-07 21:37
		mg/L	mg/L	mg/L	mg/L	mg/L
	Benzene	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020
	Toluene	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020
	Ethylbenzene	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020
Total Xylenes	m,p-Xylene	ND 0.0040	ND 0.0040	ND 0.0040	0.0074	0.0040
	o-Xylene	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020
	Total Xylenes	ND	ND	ND	0.0074	0.0074
Total BTEX		ND	ND	ND	0.0074	0.0074

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Brent Barron
Odessa Laboratory Director



Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the MQL and above the SQL.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.

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(210) 509-3334	(201) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555



Form 2 - Surrogate Recoveries

Project Name: DCP - X-Line (Etcheverry Ranch)

Work Order #: 289131

Project ID:

Lab Batch #: 704150

Sample: 289131-001 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0793	0.1000	79	80-120	**

Lab Batch #: 704150

Sample: 289131-001 S / MS

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.1061	0.1000	106	80-120	

Lab Batch #: 704150

Sample: 289131-001 SD / MSD

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0834	0.1000	83	80-120	

Lab Batch #: 704150

Sample: 289131-002 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0803	0.1000	80	80-120	

Lab Batch #: 704150

Sample: 289131-003 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0913	0.1000	91	80-120	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: DCP - X-Line (Etcheverry Ranch)

Work Order #: 289131

Project ID:

Lab Batch #: 704150

Sample: 289131-004 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0958	0.1000	96	80-120	

Lab Batch #: 704150

Sample: 289131-005 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0785	0.1000	79	80-120	**

Lab Batch #: 704150

Sample: 289131-006 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0745	0.1000	75	80-120	**

Lab Batch #: 704150

Sample: 289131-007 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0779	0.1000	78	80-120	**

Lab Batch #: 704150

Sample: 289131-008 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0901	0.1000	90	80-120	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: DCP - X-Line (Etcheverry Ranch)

Work Order #: 289131

Project ID:

Lab Batch #: 704150

Sample: 289131-009 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0831	0.1000	83	80-120	

Lab Batch #: 704150

Sample: 499147-1-BKS / BKS

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.1027	0.1000	103	80-120	

Lab Batch #: 704150

Sample: 499147-1-BLK / BLK

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0920	0.1000	92	80-120	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.



Blank Spike Recovery

Project Name: DCP - X-Line (Etcheverry Ranch)

Work Order #: 289131

Project ID:

Lab Batch #: 704150

Sample: 499147-1-BKS

Matrix: Water

Date Analyzed: 09/11/2007

Date Prepared: 09/10/2007

Analyst: SHE

Reporting Units: mg/L

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

BTEX by EPA 8021B		Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Analytes							
Benzene		ND	0.1000	0.0922	92	70-125	
Toluene		ND	0.1000	0.1012	101	70-125	
Ethylbenzene		ND	0.1000	0.1086	109	71-129	
m,p-Xylene		ND	0.2000	0.1999	100	70-131	
o-Xylene		ND	0.1000	0.1040	104	71-133	

Blank Spike Recovery [D] = $100 \times [C] / [B]$

All results are based on MDL and validated for QC purposes.



Project Name: DCP - X-Line (Etcheverry Ranch)

Work Order #: 289131

Lab Batch ID: 704150

Date Analyzed: 09/11/2007

Project ID:

QC- Sample ID: 289131-001 S

Batch #: 1

Matrix: Water

Date Prepared: 09/10/2007

Analyst: SHE

Reporting Units: mg/L

Reporting Units: mg/L											
BTEX by EPA 8021B Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
	Benzene	ND	0.1000	0.0932	93	0.1000	0.0864	86	8	70-125	25
	Toluene	ND	0.1000	0.1019	102	0.1000	0.0937	94	8	70-125	25
	Ethylbenzene	ND	0.1000	0.1109	111	0.1000	0.0998	100	10	71-129	25
	m,p-Xylene	ND	0.2000	0.2028	101	0.2000	0.1852	93	8	70-131	25
	o-Xylene	ND	0.1000	0.1080	108	0.1000	0.0945	95	13	71-133	25

Matrix Spike Percent Recovery $[D] = 100 \cdot (C-A) / B$
Relative Percent Difference $RPD = 200 \cdot (D-G) / (D+G)$

Matrix Spike Duplicate Percent Recovery $[G] = 100 \cdot (F-A) / E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: American Env.

Date/ Time: 9.7.07 10:55

Lab ID #: 289131

Initials: AL

Sample Receipt Checklist

Client Initials

#1 Temperature of container/ cooler?	<u>Yes</u>	No	<u>2.5</u> °C	
#2 Shipping container in good condition?	<u>Yes</u>	No		
#3 Custody Seals intact on shipping container/ cooler?	<u>Yes</u>	No	<u>Not Present</u>	
#4 Custody Seals intact on sample bottles/ container?	<u>Yes</u>	No	<u>Not Present</u>	
#5 Chain of Custody present?	<u>Yes</u>	No		
#6 Sample instructions complete of Chain of Custody?	<u>Yes</u>	No		
#7 Chain of Custody signed when relinquished/ received?	<u>Yes</u>	No		
#8 Chain of Custody agrees with sample label(s)?	<u>Yes</u>	No	ID written on Cont./ Lid	
#9 Container label(s) legible and intact?	<u>Yes</u>	No	<u>Not Applicable</u>	
#10 Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No		
#11 Containers supplied by ELOT?	<u>Yes</u>	No		
#12 Samples in proper container/ bottle?	<u>Yes</u>	No	<u>See Below</u>	
#13 Samples properly preserved?	<u>Yes</u>	No	<u>See Below</u>	
#14 Sample bottles intact?	<u>Yes</u>	No		
#15 Preservations documented on Chain of Custody?	<u>Yes</u>	No		
#16 Containers documented on Chain of Custody?	<u>Yes</u>	No		
#17 Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	<u>See Below</u>	
#18 All samples received within sufficient hold time?	<u>Yes</u>	No	<u>See Below</u>	
#19 Subcontract of sample(s)?	<u>Yes</u>	No	<u>Not Applicable</u>	
#20 VOC samples have zero headspace?	<u>Yes</u>	No	<u>Not Applicable</u>	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken:

Check all that Apply:

- ☐ See attached e-mail/ fax
☐ Client understands and would like to proceed with analysis
☐ Cooling process had begun shortly after sampling event



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

August 22, 2007

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

**RE: 2nd Quarter 2007 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, a copy of the 2nd Quarter 2007 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

A handwritten signature in dark ink, appearing to read "Stephen Weathers", followed by a long horizontal line.

Stephen Weathers, PG
Sr. Environmental Specialist

cc: Mrs. Etcheverry, Landowner - Certified Mail 91 7108 2133 3932 9264 9259
Larry Johnson, OCD Hobbs District Office (Copy on CD)
Lynn Ward, DCP Midland Office
Environmental Files

August 15, 2007

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

Re: Second Quarter 2007 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 second quarter 2007 groundwater monitoring activities completed June 26, 2007 for DCP Midstream, LP (DCP, previously known as Duke Energy Field Services) at the X-Line Pipeline Release on the Etcheverry Ranch at 33.0364° north, 103.5467° west (Figure 1).

Seven groundwater-monitoring wells, MW-1 through MW-7, were sampled at the site. The well locations are shown on Figure 2. 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. Well MW-8 contained 1.22 feet of free phase hydrocarbons (FPH).

The wells were then purged and sampled using disposable bailers. No sample was collected from MW-8 because of the FPH. Well purging consisted of removing a minimum of three casing volumes of water and then continue 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 also collected from MW-5.

The samples were placed in an ice-filled chest immediately upon collection and documented using standard chain-of-custody protocol. The samples were delivered directly to the Environmental Labs of Texas in Midland Texas. All affected development and purge water was disposed of at the DCP Linam Ranch facility

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. Well MW-8 is not included because its casing elevation is not established.

Figure 3 shows that the water-table elevations appear to have risen slightly since the third quarter of 2006. A water-table contour map based upon the June 2007 measurements was generated using the Surfer program with a kriging option (Figure 4). The water-table configuration continues to reflect the historical conditions.

The Free Phase Hydrocarbon (FPH) thickness values measured in MW-8 during the monitoring program are summarized in Table 3. 1.22 feet of FPH were measured in the well in June 2007. The soil vapor extraction (SVE) system was restarted the first week of July 2007 to remove the accumulated FPH.

Table 4 summarizes the June 2007 sampling results. A copy of the laboratory report is attached. No benzene was detected in any of the wells. Toluene, ethylbenzene and xylenes were detected at concentrations in MW-2 that are at least one order of magnitude below the New Mexico Water Quality Control Commission Groundwater Standards that are reproduced at the top of Table 4.

The quality assurance/quality control evaluation is summarized on Table 5. Important facts include:

1. The sample temperature was measured at 1.0° C upon receipt by the laboratory
2. All of the surrogate spikes fell within their respective control ranges.
3. The relative percentage difference values could not be calculated because there were no BTEX constituents detected in MW-3 or its field duplicate
4. The matrix spike and the matrix spike duplicate results for MW-5 were all within their acceptable ranges.

The above results establish that the samples are suitable for their intended uses.

The June 2007 benzene distribution is shown on Figure 5. The dissolved-phase BTEX remains confined to a very limited area in the center of the site. None of the down-gradient monitoring wells contained detectable BTEX constituents.

All of the historical data for benzene, toluene, ethylbenzene and total xylenes are summarized in Tables 6, 7, 8, and 9 respectively. Important facts resulting from the evaluation of the data include:

- None of the seven historic monitoring wells MW-1 through MW-7 contained benzene above the 0.001 mg/l method reporting limit. This is the tenth consecutive sampling episode for MW-2 and the eighth consecutive sampling episode for MW-3 that met this condition. Figure 6 graphs their attenuation histories.
- Three years have elapsed since benzene was measured above the 0.010 mg/l New Mexico Water Quality Control Commission groundwater standard in historic monitoring wells MW-1 through MW-7 (Table 6).

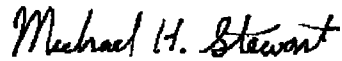
Mr. Stephen Weathers
August 15, 2007
Page 3

The iSOC® (short for in-situ Submerged Oxygen Curtain) device that was installed in MW-8 to increase the dissolved oxygen in the groundwater to enhance bioremediation of the BTEX constituents has operated since April 2007. This device was left operational in conjunction with the SVE system to continue to oxygenate the affected water at MW-8.

The next monitoring episode is scheduled for the third quarter of 2007. The SVE system will be deactivated before the sampling so that the FPH thickness can be measured accurately.

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	4,088.54	4088.53	4,088.55	4,088.55	4,088.52	4,088.54	4,088.53	4,088.60	4,088.59	4,089.19	4,089.12	4,089.22	4,089.18	4,089.34
MW-2	4,089.02	4089.03	4,089.05	4,089.07	4,089.04	4,089.09	4,089.06	4,089.11	4,089.13	4,088.90	4,089.03	4,089.06	4,089.03	4,089.68
MW-3	4,088.83	4088.86	4,088.86	4,088.85	4,088.82	4,088.87	4,088.84	4,088.90	4,088.95	4,088.82	4,088.81	4,088.84	4,088.82	4,089.24
MW-4	4,088.63	4088.73	4,088.73	4,088.73	4,088.70	4,088.72	4,088.71	4,088.78	4,088.78	4,088.74	4,088.70	4,088.73	4,088.71	4,088.79
MW-5	4,088.60	4088.68	4,088.67	4,088.65	4,088.63	4,088.66	4,088.65	4,088.70	4,088.70	4,088.65	4,088.60	4,088.63	4,088.62	4,088.73
MW-6	4,088.69	4088.71	4,088.70	4,088.69	4,088.66	4,088.70	4,088.68	4,088.74	4,088.74	4,088.69	4,088.66	4,088.71	4,088.68	4,088.83
MW-7	----	----	----	4,088.04	4,088.01	4,088.04	4,088.03	4,088.08	4,088.08	4,087.66	4,087.63	4,087.68	4,087.65	4,087.78

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
MW-1	4,089.26	4,089.25	4,089.23	4,089.23	4,089.22	4,089.16	4,089.24	4,089.20	4,089.24
MW-2	4,089.10	4,089.10	4,089.07	4,089.08	4,089.05	4,089.00	4,089.09	4,089.05	4,089.08
MW-3	4,088.91	4,088.89	4,088.88	4,088.88	4,088.85	4,088.84	4,088.88	4,088.85	4,088.87
MW-4	4,088.79	4,088.77	4,088.76	4,088.75	4,088.73	4,088.73	4,088.76	4,088.72	4,088.75
MW-5	4,088.68	4,088.67	4,088.66	4,088.66	4,088.63	4,088.62	4,088.66	4,088.62	4,088.66
MW-6	4,088.75	4,088.74	4,088.73	4,088.72	4,088.70	4,088.66	4,088.73	4,088.70	4,088.73
MW-7	4,087.71	4,087.70	4,087.70	4,087.70	4,087.67	4,087.62	4,087.69	4,087.66	4,087.71

Units are feet

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

Table 4 – June 26, 2007 Groundwater Monitoring Results

Well	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standards	0.01	0.75	0.75	0.62
MW-1	<0.001	<0.001	<0.001	<0.002
MW-2	<0.001	0.0102	0.0024	0.013
MW-3	<0.001	<0.001	<0.001	<0.002
MW-3 (Duplicate)	<0.001	<0.001	<0.001	<0.002
MW-4	<0.001	<0.001	<0.001	<0.002
MW-5	<0.001	<0.001	<0.001	<0.002
MW-6	<0.001	<0.001	<0.001	<0.002
MW-7	<0.001	<0.001	<0.001	<0.002

Notes: Units are mg/l

Table 5 – June 2007 Quality Assurance and Quality Control Results

Field Duplicate Relative Percentage Difference Values for MW-3

	Benzene	Toluene	Ethyl Benzene	Xylenes p,m/o
RPD (%)	NA	NA	NA	NA

NA: Calculation could not be completed because constituent was not detected above method reporting limits..

MW-4 Matrix Spike/Matrix Spike Duplicate Results

	Benzene	Toluene	Ethyl Benzene	Xylenes p,m	Xylenes o
Matrix Spike	93	95	100	89	99
Matrix Spike Duplicate	92	94	101	89	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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2	<0.001	0.0006	0.0007	<0.001	0.000674	<0.001
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001/ <0.001
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-6	<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
MW-8	FPH	FPH	0.235	FPH	0.398 0.431	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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2	<0.001	0.00114	0.00137	<0.001	0.00512	0.0102
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001/ <0.001
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-6	<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
MW-8	FPH	FPH	0.791	FPH	0.962 0.991	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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2	<0.001	<0.001	0.0003	<0.001	0.00120	0.0024
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001/ <0.001
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-6	<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
MW-8	FPH	FPH	0.239	FPH	0.410 0.463	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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-2	<0.001	0.00125J	0.0014	<0.001	0.00770	0.013
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002/ <0.002
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002
MW-8	FPH	FPH	2.27	FPH	3.02 3.67	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

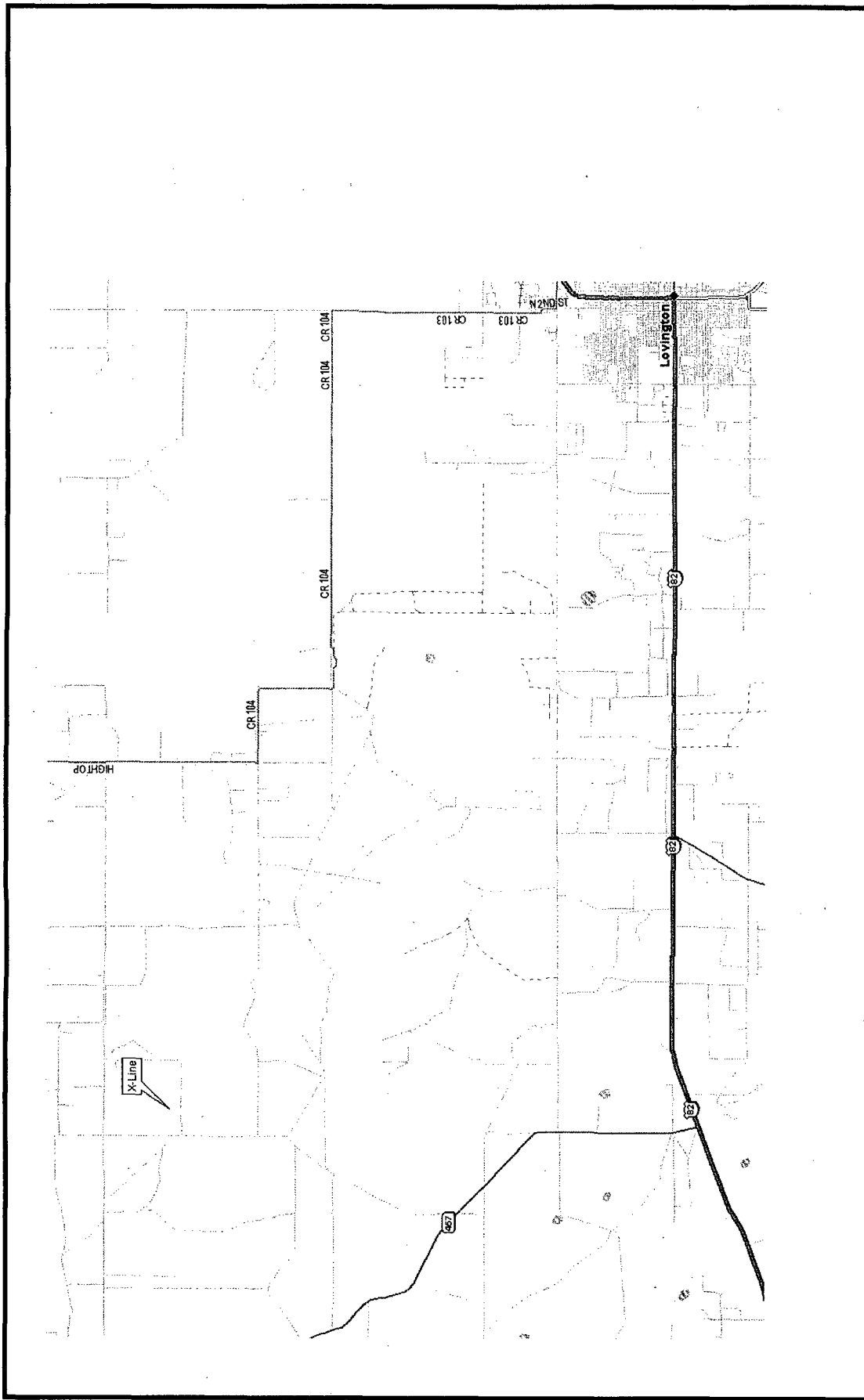


Figure 1 - X-Line Location
(33.036°N, 103.547°W)

X-Line Remediation

dep
Midstream

DRAWN BY: MHS

DATE: 1/07

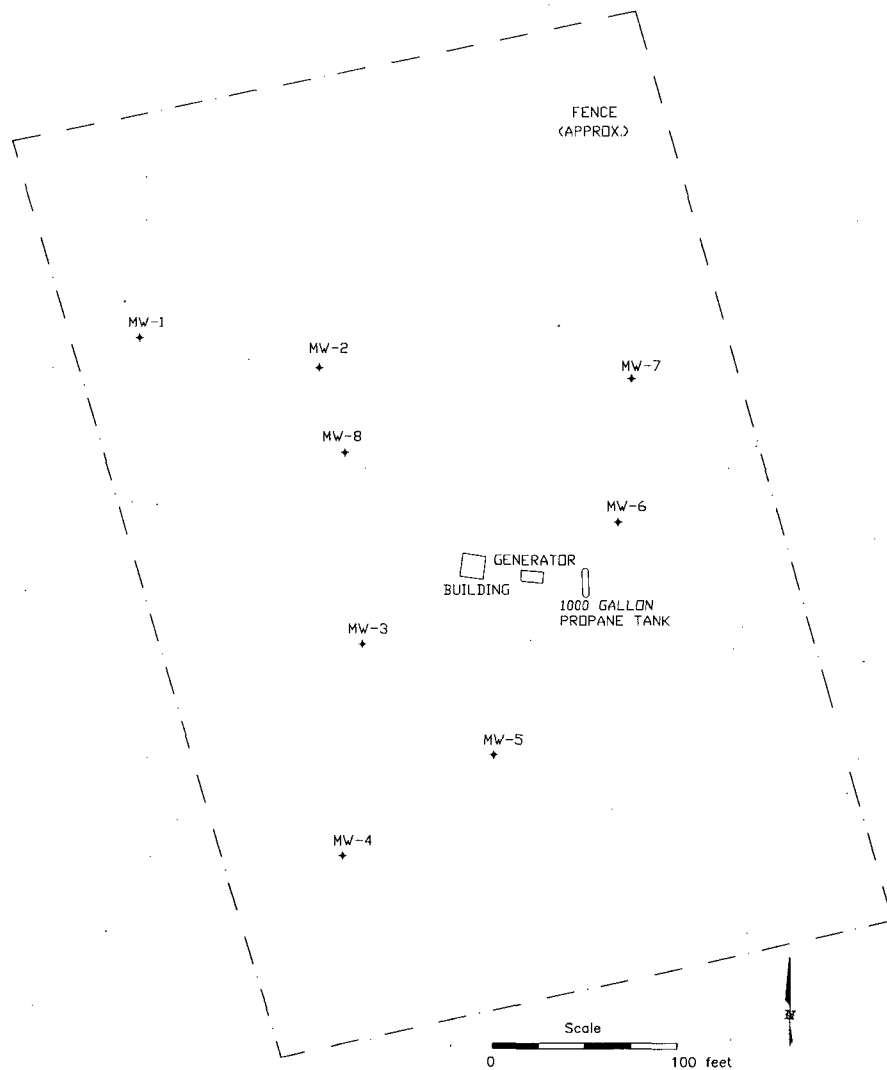


Figure 2 – Facility Configuration
X-Line Remediation



DRAWN BY: MHS

REVISED:

DATE: 1/07

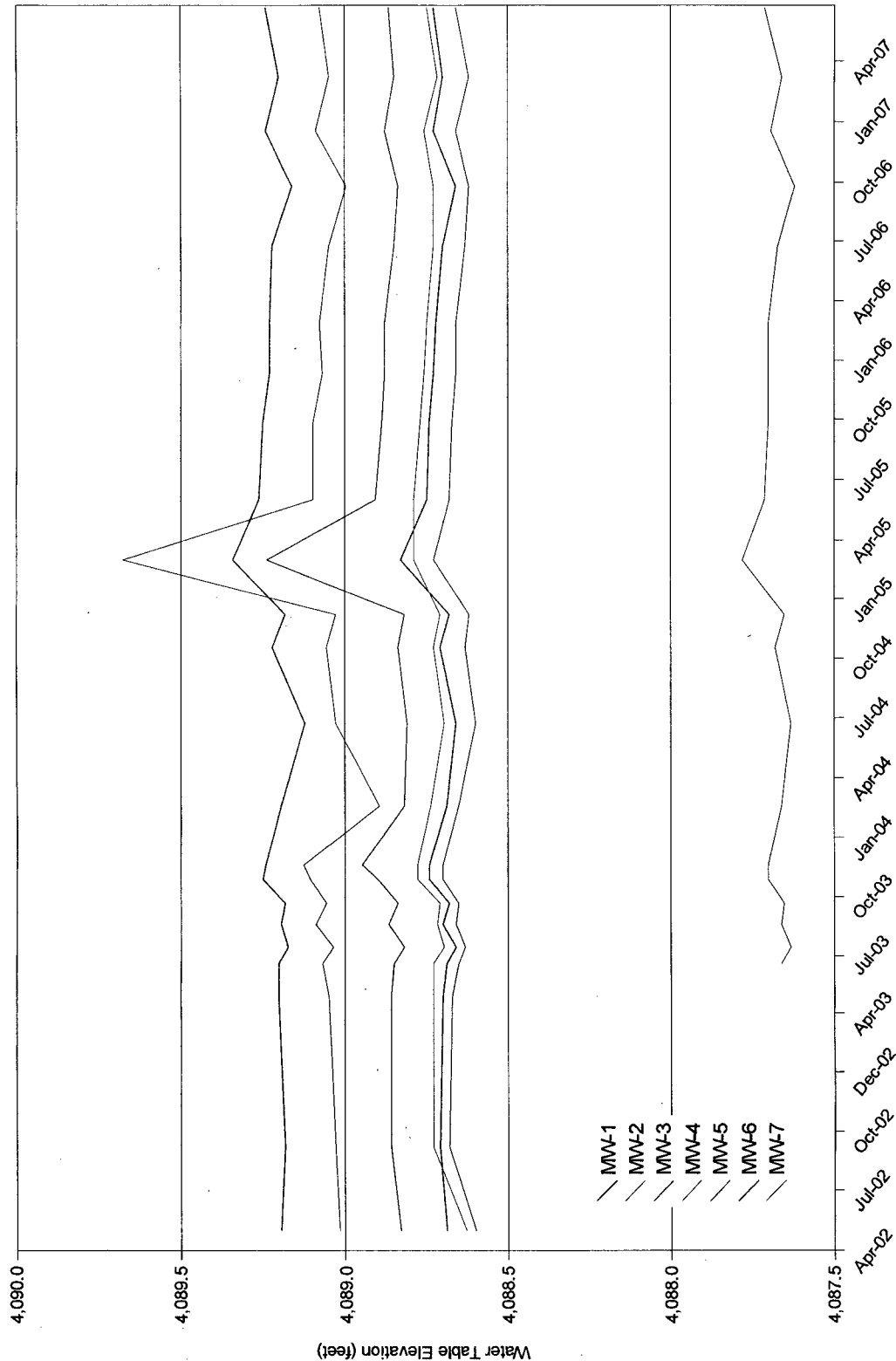


Figure 3 – Well Hydrographs

X-Line Remediation

dEP
Midstream

DRAWN BY: MHS

DATE: 7/07

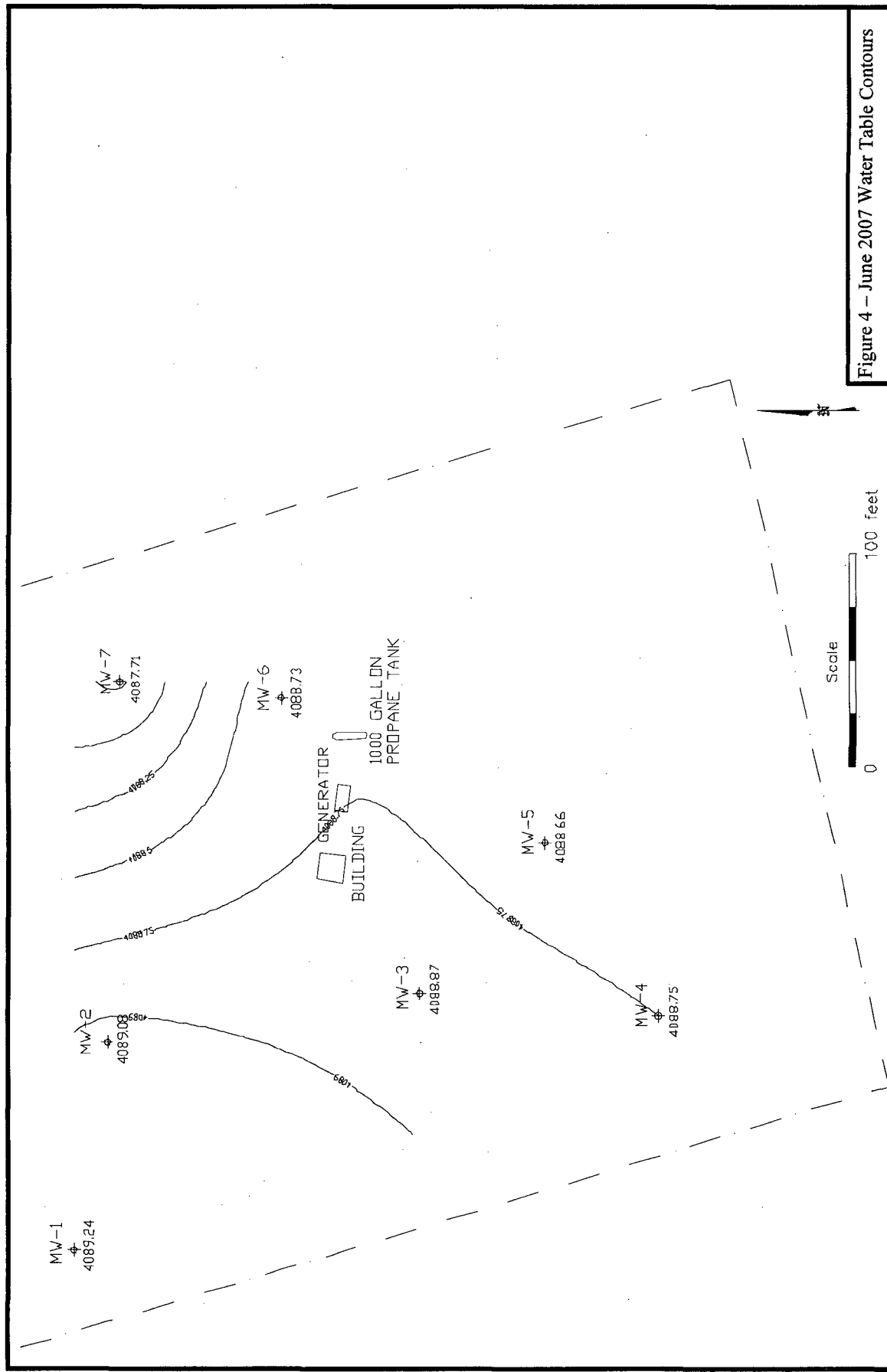


Figure 4 - June 2007 Water Table Contours

X-Line Remediation



DRAWN BY: MHS

DATE: 7/07

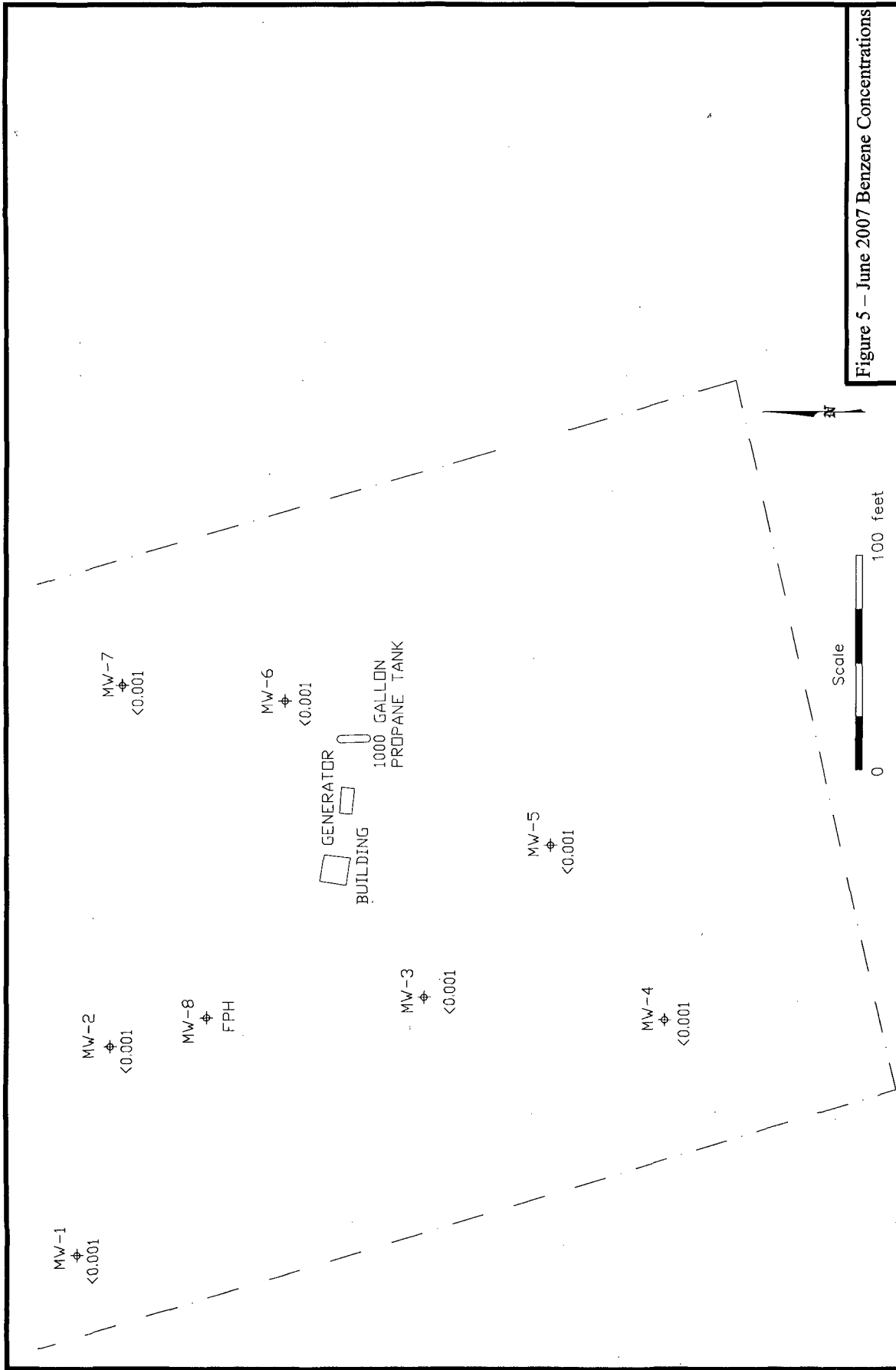


Figure 5 - June 2007 Benzene Concentrations

X-Line Remediation

dap
Midstream

DRAWN BY: MHS

DATE: 7/07

Units are mg/l
FPH: free phase hydrocarbons present

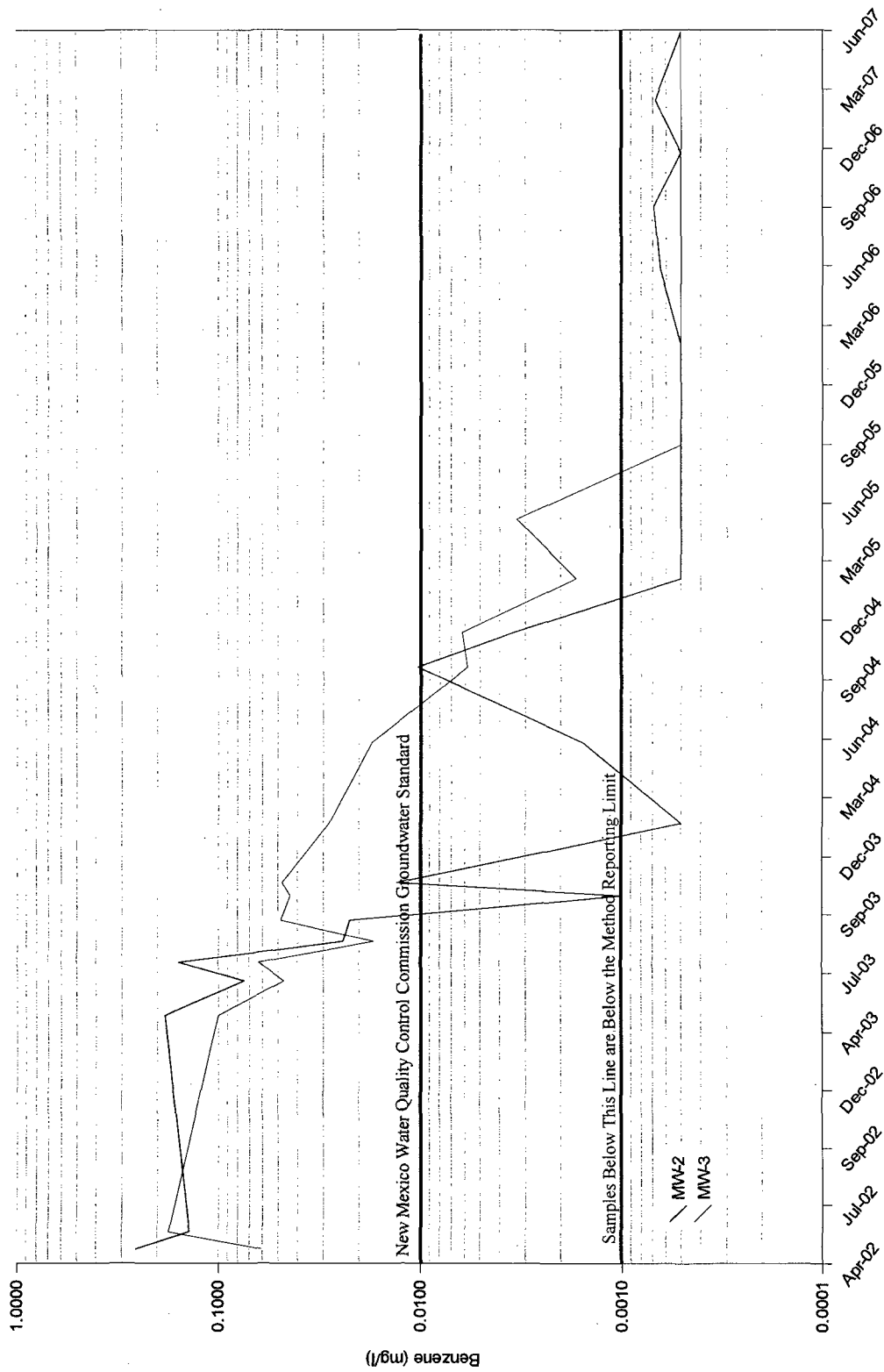


Figure 6 - Benzene Concentrations in
MW-2 and MW-3

X-Line Remediation

dcp
Midstream

DRAWN BY: MHS
DATE: 7/07

FIELD SAMPLING FORMS
AND
LABORATORY ANALYTICAL REPORT

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-1
 SITE NAME: X Line (Etcheverry Ranch) DATE: 6/26/2007
 PROJECT NO. F-106 SAMPLER: J. Ferguson/M. Stewart

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

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 94.30 Feet

DEPTH TO WATER: 77.45 Feet

HEIGHT OF WATER COLUMN: 16.85 Feet

WELL DIAMETER: 2.0 Inch

8.2 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
8:36	0.0	-	-	-	-	-	Begin Hand Bailing
8:48	3.0	19.6	0.64	7.56	-	-	
9:00	6.0	19.0	0.63	7.53	-	-	
9:13	9.0	19.2	0.63	7.63	-	-	
0:37	:Total Time (hr:min)		9	:Total Vol (gal)		0.24	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 070626 0917

ANALYSES: BTEX (8021-B)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-2
 SITE NAME: X Line (Etcheverry Ranch) DATE: 6/26/2007
 PROJECT NO. F-106 SAMPLER: J. Fergerson/M. Stewart

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

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☒ Disposal Facility

TOTAL DEPTH OF WELL: 89.90 Feet

DEPTH TO WATER: 77.44 Feet

HEIGHT OF WATER COLUMN: 12.46 Feet

WELL DIAMETER: 2.0 Inch

6.1 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
8:51	0.0	-	-	-	-	-	Begin Hand Bailing
8:56	2.1	19.5	0.95	7.20	-	-	
9:04	4.2	19.2	0.93	7.15	-	-	
9:14	6.3	19.3	0.90	7.19	-	-	
0:23	:Total Time (hr:min)		6.3	:Total Vol (gal)		0.27	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 070626 0922

ANALYSES: BTEX (8021-B)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-3
 SITE NAME: X Line (Etcheverry Ranch) DATE: 6/26/2007
 PROJECT NO. F-106 SAMPLER: J. Ferguson/M. Stewart

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

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☒ Disposal Facility

TOTAL DEPTH OF WELL: 92.80 Feet

DEPTH TO WATER: 77.46 Feet

HEIGHT OF WATER COLUMN: 15.34 Feet

WELL DIAMETER: 2.0 Inch

7.5 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
10:51	0.0	-	-	-	-	-	Begin Hand Bailing
10:59	2.3	21.5	0.98	7.03	-	-	
11:11	4.7	20.0	0.95	7.06	-	-	
11:22	7.0	22.8	0.90	7.15	-	-	
0:31	:Total Time (hr:min)		7	:Total Vol (gal)		0.23	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 070626 1130

ANALYSES: BTEX (8021-B)

COMMENTS: Collected Duplicate Sample No.: 0706261200 for BTEX (8021-B)

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. F-106

WELL ID: MW-4
 DATE: 6/26/2007
 SAMPLER: J. Fergerson/M. Stewart

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

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 93.40 Feet

DEPTH TO WATER: 77.58 Feet

HEIGHT OF WATER COLUMN: 15.82 Feet

WELL DIAMETER: 2.0 Inch

7.7 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
10:33	0.0	-	-	-	-	-	Begin Hand Bailing
10:45	2.7	22.7	0.63	7.49	-	-	
10:56	5.4	21.6	0.63	7.52	-	-	
11:07	8.1	21.7	0.63	7.52	-	-	
0:34	:Total Time (hr:min)		8.1	:Total Vol (gal)		0.24	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 070626 1125

ANALYSES: BTEX (8021-B)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-5
 SITE NAME: X Line (Etcheverry Ranch) DATE: 6/26/2007
 PROJECT NO. F-106 SAMPLER: J. Ferguson/M. Stewart

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

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 91.10 Feet
 DEPTH TO WATER: 77.24 Feet
 HEIGHT OF WATER COLUMN: 13.86 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
10:22	0.0	-	-	-	-	-	Begin Hand Bailing
10:28	2.3	22.1	0.64	7.46	-	-	
10:34	4.6	22.5	0.63	7.54	-	-	
11:15	6.9	22.0	0.65	7.52	-	-	
0:53	:Total Time (hr:min)		6.9	:Total Vol (gal)		0.13	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 070626 1118
 ANALYSES: BTEX (8021-B)
 COMMENTS: Collected MS/MSD Samples!

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. F-106

WELL ID: MW-6
 DATE: 6/26/2007
 SAMPLER: J. Ferguson/M. Stewart

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

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 92.90 Feet

DEPTH TO WATER: 77.16 Feet

HEIGHT OF WATER COLUMN: 15.74 Feet

WELL DIAMETER: 2.0 Inch

7.7 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
9:38	0.0	-	-	-	-	-	Begin Hand Bailing
9:50	2.7	21.0	0.61	7.36	-	-	
10:02	5.4	19.9	0.61	7.36	-	-	
10:08	8.1	20.0	0.61	7.32	-	-	
0:30	:Total Time (hr:min)		8.1	:Total Vol (gal)		0.27	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 070626 1009

ANALYSES: BTEX (8021-B)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: DCP Midstream WELL ID: MW-7
 SITE NAME: X Line (Etcheverry Ranch) DATE: 6/26/2007
 PROJECT NO. F-106 SAMPLER: J. Fergerson/M. Stewart

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

SAMPLING METHOD: ☒ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

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

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 92.80 Feet

DEPTH TO WATER: 76.72 Feet

HEIGHT OF WATER COLUMN: 16.08 Feet

WELL DIAMETER: 2.0 Inch

7.9 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
9:31	0.0	-	-	-	-	-	Begin Hand Bailing
9:40	2.7	20.0	0.64	7.56	-	-	
9:49	5.4	20.6	0.63	7.61	-	-	
9:58	8.1	21.0	0.62	7.58	-	-	
0:27	:Total Time (hr:min)		8.1	:Total Vol (gal)		0.30	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 070626 1004

ANALYSES: BTEX (8021-B)

COMMENTS: _____

Analytical Report 285153

for

American Environmental Consulting

Project Manager: Mike Stewart

DCP Midstream-X Line

09-JUL-07



12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

NELAC certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America



09-JUL-07

Project Manager: **Mike Stewart**
American Environmental Consulting
6885 S. Marshall
Suite 3
Littleton, CO 80128

Reference: XENCO Report No: **285153**
DCP Midstream-X Line
Project Address: Lea County, NM

Mike Stewart:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 285153. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 285153 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron

Odessa Laboratory Director

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Sample Cross Reference 285153



American Environmental Consulting, Littleton, CO

DCP Midstream-X Line

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1 (0706260917)	W	Jun-26-07 09:17		285153-001
MW-2 (0706260922)	W	Jun-26-07 09:22		285153-002
MW-3 (0706261130)	W	Jun-26-07 11:30		285153-003
MW-4 (0706261125)	W	Jun-26-07 11:25		285153-004
MW-5 (0706261118)	W	Jun-26-07 11:18		285153-005
MW-6 (0706261009)	W	Jun-26-07 10:09		285153-006
MW-7 (0706261004)	W	Jun-26-07 10:04		285153-007
Duplicate (0706261200)	W	Jun-26-07 12:00		285153-008



Certificate of Analysis Summary 285153

American Environmental Consulting, Littleton, CO



Project Id:

Contact: Mike Stewart

Project Location: Lea County, NM

Date Received in Lab: Thu Jun-28-07 04:50 pm

Report Date: 09-JUL-07

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	285153-001	285153-002	285153-003	285153-004	285153-005	285153-006
	Field Id:	MW-1 (0706260917)	MW-2 (0706260922)	MW-3 (0706261130)	MW-4 (0706261125)	MW-5 (0706261118)	MW-6 (0706261009)
	Depth:						
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	Sampled:	Jun-26-07 09:17	Jun-26-07 09:22	Jun-26-07 11:30	Jun-26-07 11:25	Jun-26-07 11:18	Jun-26-07 10:09
BTEX by EPA 8021B	Extracted:	Jul-05-07 14:49	Jul-05-07 14:49	Jul-05-07 17:22	Jul-05-07 17:22	Jul-05-07 17:22	Jul-05-07 17:22
	Analyzed:	Jul-07-07 06:11	Jul-07-07 06:32	Jul-07-07 09:58	Jul-07-07 10:18	Jul-07-07 10:39	Jul-07-07 10:59
	Units/RL:	mg/L RL	mg/L RL	mg/L RL	mg/L RL	mg/L RL	mg/L RL
	Benzene	ND 0.0010	ND 0.0010	ND 0.0010	ND 0.0010	ND 0.0010	ND 0.0010
	Toluene	ND 0.0010	0.0102 0.0010	ND 0.0010	ND 0.0010	ND 0.0010	ND 0.0010
Ethylbenzene		ND 0.0010	0.0024 0.0010	ND 0.0010	ND 0.0010	ND 0.0010	ND 0.0010
m,p-Xylene		ND 0.0020	0.0086 0.0020	ND 0.0020	ND 0.0020	ND 0.0020	ND 0.0020
o-Xylene		ND 0.0010	0.0044 0.0010	ND 0.0010	ND 0.0010	ND 0.0010	ND 0.0010
Total Xylenes		ND	0.013	ND	ND	ND	ND
Total BTEX		ND	0.0256	ND	ND	ND	ND

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Brent Barron
Odessa Laboratory Director



Certificate of Analysis Summary 285153
American Environmental Consulting, Littleton, CO
Project Name: DCP Midstream-X Line



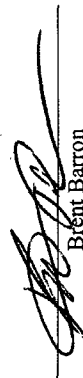
Project Id:
Contact: Mike Stewart
Project Location: Lea County, NM

Date Received in Lab: Thu Jun-28-07 04:50 pm
Report Date: 09-JUL-07
Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	285153-007	285153-008		
	Field Id:	MW-7 (0706261004)	Duplicate (0706261200)		
	Depth:				
	Matrix:	WATER	WATER		
	Sampled:	Jun-26-07 10:04	Jun-26-07 12:00		
BTEX by EPA 8021B	Extracted:	Jul-05-07 17:22	Jul-05-07 17:22		
	Analyzed:	Jul-07-07 11:20	Jul-07-07 11:40		
	Units/RL:	mg/L RL	mg/L RL		
	Benzene	ND 0.0010	ND 0.0010		
	Toluene	ND 0.0010	ND 0.0010		
	Ethylbenzene	ND 0.0010	ND 0.0010		
	m,p-Xylene	ND 0.0020	ND 0.0020		
	o-Xylene	ND 0.0010	ND 0.0010		
	Total Xylenes	ND	ND		
	Total BTEX	ND	ND		

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Brent Barron
Odessa Laboratory Director



Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the MQL and above the SQL.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.

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(210) 509-3334	(201) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555

Form 2 - Surrogate Recoveries

Project Name: DCP Midstream-X Line

Work Order #: 285153

Project ID:

Lab Batch #: 699849

Sample: 285099-002 S / MS

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0528	0.0500	106	80-120	

Lab Batch #: 699849

Sample: 285099-002 SD / MSD

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0495	0.0500	99	80-120	

Lab Batch #: 699849

Sample: 285153-001 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0447	0.0500	89	80-120	

Lab Batch #: 699849

Sample: 285153-002 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0510	0.0500	102	80-120	

Lab Batch #: 699849

Sample: 496844-1-BKS / BKS

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0502	0.0500	100	80-120	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

 Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: DCP Midstream-X Line



Work Order #: 285153

Project ID:

Lab Batch #: 699849

Sample: 496844-1-BLK / BLK

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0471	0.0500	94	80-120	

Lab Batch #: 699896

Sample: 285153-003 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0499	0.0500	100	80-120	

Lab Batch #: 699896

Sample: 285153-004 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0482	0.0500	96	80-120	

Lab Batch #: 699896

Sample: 285153-005 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0485	0.0500	97	80-120	

Lab Batch #: 699896

Sample: 285153-005 S / MS

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0423	0.0500	85	80-120	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: DCP Midstream-X Line

Work Order #: 285153

Project ID:

Lab Batch #: 699896

Sample: 285153-005 SD / MSD

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0433	0.0500	87	80-120	

Lab Batch #: 699896

Sample: 285153-006 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0486	0.0500	97	80-120	

Lab Batch #: 699896

Sample: 285153-007 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0480	0.0500	96	80-120	

Lab Batch #: 699896

Sample: 285153-008 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0491	0.0500	98	80-120	

Lab Batch #: 699896

Sample: 496865-1-BKS / BKS

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0511	0.0500	102	80-120	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 \times A / B$

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: DCP Midstream-X Line



Work Order #: 285153

Project ID:

Lab Batch #: 699896

Sample: 496865-1-BLK / BLK

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	0.0482	0.0500	96	80-120	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.

Project Name: DCP Midstream-X Line

Work Order #: 285153

Project ID:

Lab Batch #: 699849

Sample: 496844-1-BKS

Matrix: Water

Date Analyzed: 07/06/2007

Date Prepared: 07/05/2007

Analyst: CELKEE

Reporting Units: mg/L

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Benzene	ND	0.0500	0.0496	99	70-125	
Toluene	ND	0.0500	0.0506	101	70-125	
Ethylbenzene	ND	0.0500	0.0537	107	71-129	
m,p-Xylene	ND	0.1000	0.0944	94	70-131	
o-Xylene	ND	0.0500	0.0525	105	71-133	

Lab Batch #: 699896

Sample: 496865-1-BKS

Matrix: Water

Date Analyzed: 07/07/2007

Date Prepared: 07/05/2007

Analyst: CELKEE

Reporting Units: mg/L

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Benzene	ND	0.0500	0.0525	105	70-125	
Toluene	ND	0.0500	0.0534	107	70-125	
Ethylbenzene	ND	0.0500	0.0572	114	71-129	
m,p-Xylene	ND	0.1000	0.1004	100	70-131	
o-Xylene	ND	0.0500	0.0560	112	71-133	

Blank Spike Recovery [D] = 100*[C]/[B]

All results are based on MDL and validated for QC purposes.

Work Order #: 285153

Lab Batch ID: 699849

Date Analyzed: 07/07/2007

Reporting Units: mg/L

Project ID:

QC- Sample ID: 285099-002 S

Batch #: 1

Matrix: Water

Date Prepared: 07/05/2007

Analyst: CELKEE

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY												
Reporting Units: mg/L	BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
		ND	0.0500	0.0515	103	0.0500	0.0521	104	1	70-125	25	
		ND	0.0500	0.0527	105	0.0500	0.0531	106	1	70-125	25	
		ND	0.0500	0.0569	114	0.0500	0.0566	113	1	71-129	25	
		ND	0.1000	0.1008	101	0.1000	0.0995	100	1	70-131	25	
		ND	0.0500	0.0560	112	0.0500	0.0553	111	1	71-133	25	

Lab Batch ID: 699896

Date Analyzed: 07/09/2007

Reporting Units: mg/L

QC- Sample ID: 285153-005 S

Batch #: 1

Matrix: Water

Date Prepared: 07/05/2007

Analyst: CELKEE

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY											
BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
	Benzene	ND	0.0500	0.0467	93	0.0500	0.0462	92	1	70-125	25
	Toluene	ND	0.0500	0.0474	95	0.0500	0.0471	94	1	70-125	25
	Ethylbenzene	ND	0.0500	0.0502	100	0.0500	0.0504	101	1	71-129	25
	m,p-Xylene	ND	0.1000	0.0886	89	0.1000	0.0886	89	0	70-131	25
	o-Xylene	ND	0.0500	0.0495	99	0.0500	0.0493	99	0	71-133	25

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Relative Percent Difference RPD = 200*(D-G)/(D+G)

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not

ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST
12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: M. L. S. Stewart
Company Name: American Environmental Consulting
Company Address: 6885 S. Marshfield, Suite 3
City/State/Zip: Littleton, CO 80128
Telephone No: 303-948-7133
Fax No: 303-948-7134
Sampler Signature: John Ferguson
Project Name: DEP Midstream -
Request: X Line
Project Loc: Leas County, N-1
PO #:
Report Format: ☐ Standard ☐ TRRP ☐ NPDES

ORDER #: 285153

LAB # (Lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservative & # of Containers	Matrix	Analyte For
01 MW-1 (0706260491)				6/26/07	10:17		2		GW	
02 MW-2 (0706260822)				6/26/07	09:22		2		GW	
03 MW-3 (0706261130)				6/26/07	11:30		2		GW	
04 MW-4 (0706261125)				6/26/07	11:25		2		GW	
05 MW-5 (0706261118)				6/26/07	11:18		2		GW	
06 MW-6 (0706261059)				6/26/07	10:59		2		GW	
07 MW-7 (0706261004)				6/26/07	10:04		2		GW	
08 Duplicate (0706261200)				6/26/07	12:00		2		GW	

TOC	TDN	TPH	TX 1005	TX 1006	Carbon (Cat. Mg. Na. K)	Ammonia (Cl. SO4. Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatile	Semivolatile	BTX: 80218/8030	RCI	NORM	RUSH TAT (Pm. Shading) 24. 48. 72 hrs	Standard TAT

Special Instructions: Invoice To: DEP Midstream
Attn: Steve Weather

Requested by	Date	Time	Received by	Date	Time
<u>[Signature]</u>	<u>6/26/07</u>	<u>14:50</u>	<u>[Signature]</u>	<u>6/28/07</u>	<u>16:50</u>

Requested by: [Signature] Date: 6/28/07 Time: 16:50

Received by: Andrea Lane Date: 6/28/07 Time: 16:50

Temperature Upon Receipt: 1.0 °C



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

May 15, 2007

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

RE: 1st Quarter 2007 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) formerly Duke Energy Field Services, LP is pleased to submit for your review, a copy of the 1st Quarter 2007 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

A handwritten signature in black ink, appearing to read "Stephen Weathers", followed by a horizontal line.

Stephen Weathers, PG
Sr. Environmental Specialist

cc: Mrs. Etcheverry, Landowner - Certified Mail 91-7108-2133-3931-3377-2030
Larry Johnson, OCD Hobbs District Office (Copy on CD)
Lynn Ward, DCP Midland Office
Environmental Files

May 14, 2007

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

Re: First Quarter 2007 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 first quarter 2007 groundwater monitoring activities completed March 13, 2007 for DCP Midstream, LP (DCP, previously known as Duke Energy Field Services) at the X-Line Pipeline Release on the Etcheverry Ranch at 33.0364° north, 103.5467° west (Figure 1).

Eight groundwater-monitoring wells, MW-1 through MW-8, were sampled at the site. The well locations are shown on Figure 2. 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 disposable bailers. A sample was collected from MW-8 even though it had 0.01 feet of free phase hydrocarbons (FPH). Well purging consisted of removing a minimum of three casing volumes of water and then continue 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-8. A matrix spike/matrix spike duplicate was also collected from MW-4. The laboratory also provided a trip blank as the final quality assurance/quality control measure.

The samples were placed in an ice-filled chest immediately upon collection and documented using standard chain-of-custody protocol. The samples were delivered directly to the Environmental Labs of Texas in Midland Texas. All affected development and purge water was disposed of at the DCP Linam Ranch facility

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. Well MW-8 is not included because its casing elevation is not established.

Figure 3 shows that the water-table elevations have remained essentially constant in all seven wells since June 2005. A water-table contour map based upon the March 2007 measurements was generated using the Surfer program with a kriging option (Figure 4). The water-table configuration continues to reflect the historical conditions.

The Free Phase Hydrocarbon (FPH) thickness values measured in MW-8 during the monitoring program are summarized in Table 3. 0.01 feet (0.12 inches) of FPH were measured in the well but a sample was still collected to evaluate the dissolved-phase BTEX concentrations.

Table 4 summarizes the March 2007 sampling results. A copy of the laboratory report is attached. None of the BTEX constituents were detected above the method reporting limits in wells MW-1, MW-3, MW-4, MW-5, MW-6 and MW-7. The BTEX constituents were measured at low concentrations in MW-2. The concentrations were substantially higher in MW-8

The quality assurance/quality control evaluation is summarized on Table 5. Important facts include:

1. The sample temperature was measured at 4.5° C upon receipt by the laboratory
2. There were no BTEX constituents detected in the trip blank.
3. All of the surrogate spikes fell within their respective control ranges.
4. The relative percentage difference values for the duplicate samples from MW-8 were all below 20 percent.
5. The matrix spike and the matrix spike duplicate results for MW-4 were all within their acceptable ranges.

The above results establish that the samples are suitable for their intended uses.

The March 2007 benzene distribution is shown on Figure 5. The dissolved-phase BTEX remains confined to a very limited area in the center of the site. None of the down-gradient monitoring wells contained detectable BTEX constituents.

All of the historical data for benzene, toluene, ethylbenzene and total xylenes are summarized in Tables 6, 7, 8, and 9 respectively. Important facts resulting from the evaluation of the data include:

- None of the seven historic monitoring wells MW-1 through MW-7 contained benzene above the 0.001 mg/l method reporting limit. This is the ninth consecutive sampling episode for MW-2 and the seventh consecutive sampling episode for MW-3 that met this condition. Figure 6 graphs their attenuation histories.

Mr. Stephen Weathers
May 14, 2007
Page 3

- Eleven consecutive quarterly monitoring episodes (2.75 years) have elapsed since benzene was measured above the 0.010 mg/l New Mexico Water Quality Control Commission groundwater standard in historic monitoring wells MW-1 through MW-7 (Table 6).

A device was installed in MW-8 to increase the dissolved oxygen in the groundwater to enhance bioremediation of the BTEX constituents. This device is called an iSOC® (short for in-situ Submerged Oxygen Curtain). A summary of the system is attached. The effectiveness of the system will be evaluated by repeated sampling of MW-8 over subsequent monitoring episodes.

The next monitoring episode is scheduled for the second quarter of 2007. 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

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	4,088.54	4088.53	4,088.55	4,088.55	4,088.52	4,088.54	4,088.53	4,088.60	4,088.59	4,089.19	4,089.12	4,089.22	4,089.18	4,089.34
MW-2	4,089.02	4089.03	4,089.05	4,089.07	4,089.04	4,089.09	4,089.06	4,089.11	4,089.13	4,088.90	4,089.03	4,089.06	4,089.03	4,089.68
MW-3	4,088.83	4088.86	4,088.86	4,088.85	4,088.82	4,088.87	4,088.84	4,088.90	4,088.95	4,088.82	4,088.81	4,088.84	4,088.82	4,089.24
MW-4	4,088.63	4088.73	4,088.73	4,088.73	4,088.70	4,088.72	4,088.71	4,088.78	4,088.78	4,088.74	4,088.70	4,088.73	4,088.71	4,088.79
MW-5	4,088.60	4088.68	4,088.67	4,088.65	4,088.63	4,088.66	4,088.65	4,088.70	4,088.70	4,088.65	4,088.60	4,088.63	4,088.62	4,088.73
MW-6	4,088.69	4088.71	4,088.70	4,088.69	4,088.66	4,088.70	4,088.68	4,088.74	4,088.74	4,088.69	4,088.66	4,088.71	4,088.68	4,088.83
MW-7	----	----	----	4,088.04	4,088.01	4,088.04	4,088.03	4,088.08	4,088.08	4,087.66	4,087.63	4,087.68	4,087.65	4,087.78

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
MW-1	4,089.26	4,089.25	4,089.23	4,089.23	4,089.22	4,089.16	4,089.24	4,089.20
MW-2	4,089.10	4,089.10	4,089.07	4,089.08	4,089.05	4,089.00	4,089.09	4,089.05
MW-3	4,088.91	4,088.89	4,088.88	4,088.88	4,088.85	4,088.84	4,088.88	4,088.85
MW-4	4,088.79	4,088.77	4,088.76	4,088.75	4,088.73	4,088.73	4,088.76	4,088.72
MW-5	4,088.68	4,088.67	4,088.66	4,088.66	4,088.63	4,088.62	4,088.66	4,088.62
MW-6	4,088.75	4,088.74	4,088.73	4,088.72	4,088.70	4,088.66	4,088.73	4,088.70
MW-7	4,087.71	4,087.70	4,087.70	4,087.70	4,087.67	4,087.62	4,087.69	4,087.66

Units are feet

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
03/1/06	0.04
06/26/06	0.03
09/28/06	0.00
12/21/06	0.28
3/13/07	0.01

Table 4 – March 13 2007 Groundwater Monitoring Results

Well	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW-1	<0.001	<0.001	<0.001	<0.001
MW-2	0.000674J	0.00512	0.00120	0.00770
MW-3	<0.001	<0.001	<0.001	<0.001
MW-4	<0.001	<0.001	<0.001	<0.001
MW-5	<0.001	<0.001	<0.001	<0.001
MW-6	<0.001	<0.001	<0.001	<0.001
MW-7	<0.001	<0.001	<0.001	<0.001
MW-8	0.398	0.962	0.410	3.019
	0.431	0.991	0.463	3.67
Trip blank	<0.001	<0.001	<0.001	<0.001

Notes: Units are mg/l

J modifier is for estimated values whose measured concentrations fall between the method detection limit and the method reporting limit.

Table 5 – March 2007 Quality Assurance and Quality Control Results

Field Duplicate Relative Percentage Difference Values for MW-8

	Benzene	Toluene	Ethyl Benzene	Xylenes p,m/o
RPD (%)	8.0%	3.0%	12.1%	19.5%

NA: Calculation could not be completed because constituent was not detected above method reporting limits..

MW-4 Matrix Spike/Matrix Spike Duplicate Results

	Benzene	Toluene	Ethyl Benzene	Xylenes p,m	Xylenes o
Matrix Spike	115	114	118	113	120
Matrix Spike Duplicate	114	112	117	111	118

Note: Units are percent recovered

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	12/18/04	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	0.0103	0.00156	0.00342	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	0.00584	0.0173	0.006137	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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2	<0.001	0.0006	0.0007	<0.001	0.000674
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001
MW-8	FPH	FPH	0.235	FPH	0.398 0.431

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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2	<0.001	0.00114	0.00137	<0.001	0.00512
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001
MW-8	FPH	FPH	0.791	FPH	0.962 0.991

Notes: Units are mg/l.
Duplicate sample results were averaged together
Indicators for estimated (I) 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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2	<0.001	<0.001	0.0003	<0.001	0.00120
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001
MW-6	<0.001	<0.001	0.001	<0.001	<0.001
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001
MW-8	FPH	FPH	0.239	FPH	0.410 0.463

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

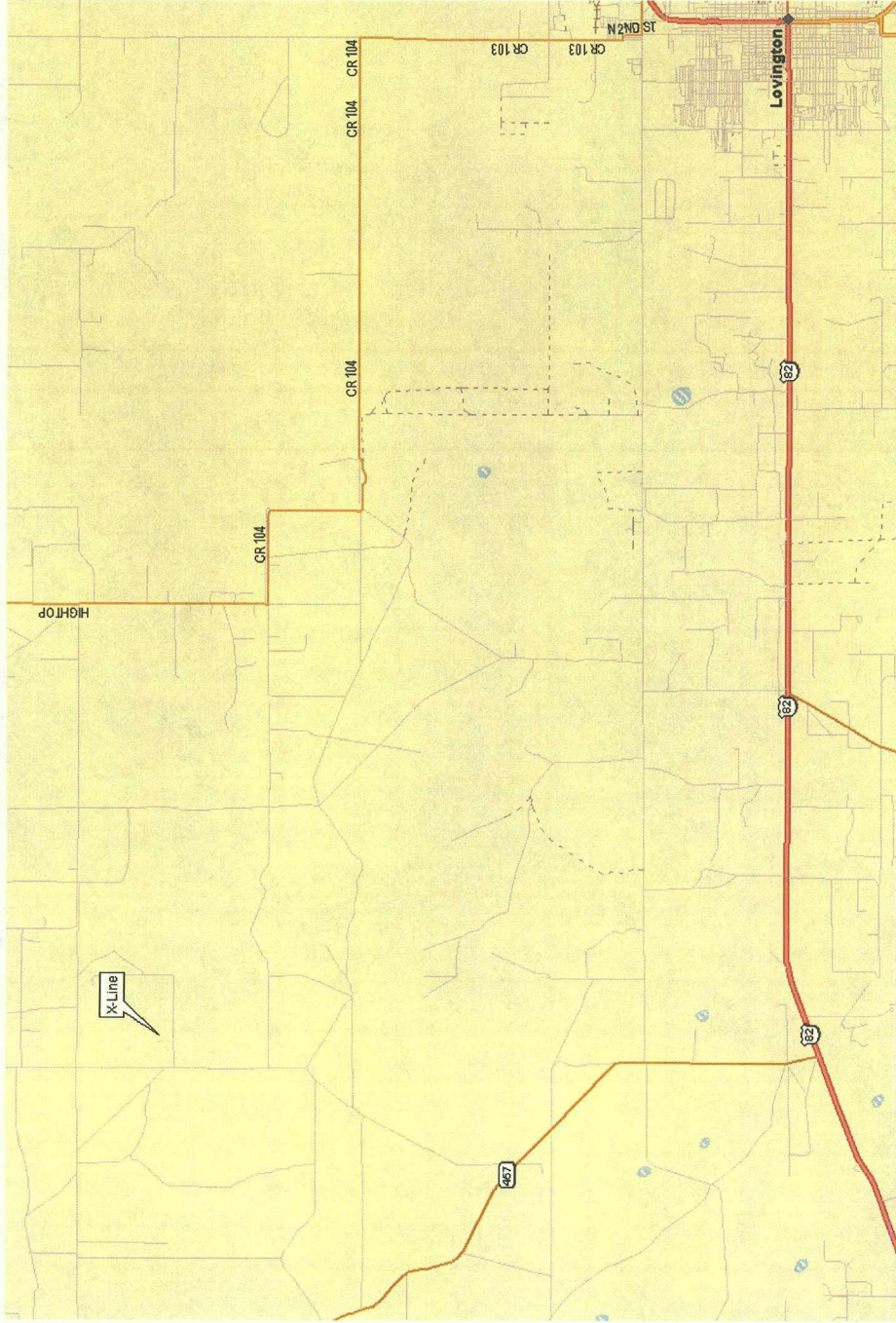
Table 9 – Summary of Laboratory Data for Xylenes

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
MW-1	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2	<0.001	0.00125J	0.0014	<0.001	0.00770
MW-3	<0.001	<0.001	<0.001	<0.001	<0.001
MW-4	<0.001	<0.001	<0.001	<0.001	<0.001
MW-5	<0.001	<0.001	<0.001	<0.001	<0.001
MW-6	<0.001	<0.001	<0.001	<0.001	<0.001
MW-7	<0.001	<0.001	<0.001	<0.001	<0.001
MW-8	FPH	FPH	2.27	FPH	3.02 3.67

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)

X-Line Remediation

dcp
Midstream

DRAWN BY: MHS
DATE: 1/07

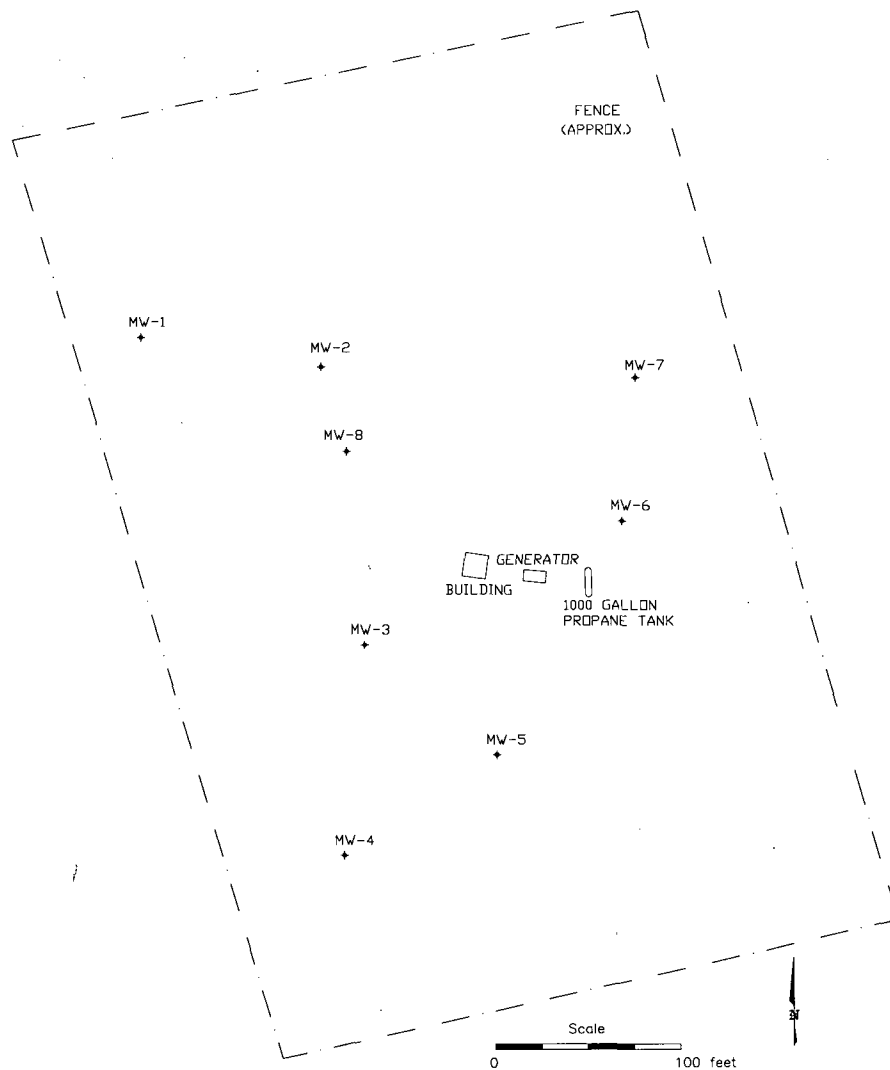


Figure 2 – Facility Configuration
X-Line Remediation



DRAWN BY: MHS

REVISED:

DATE: 1/07

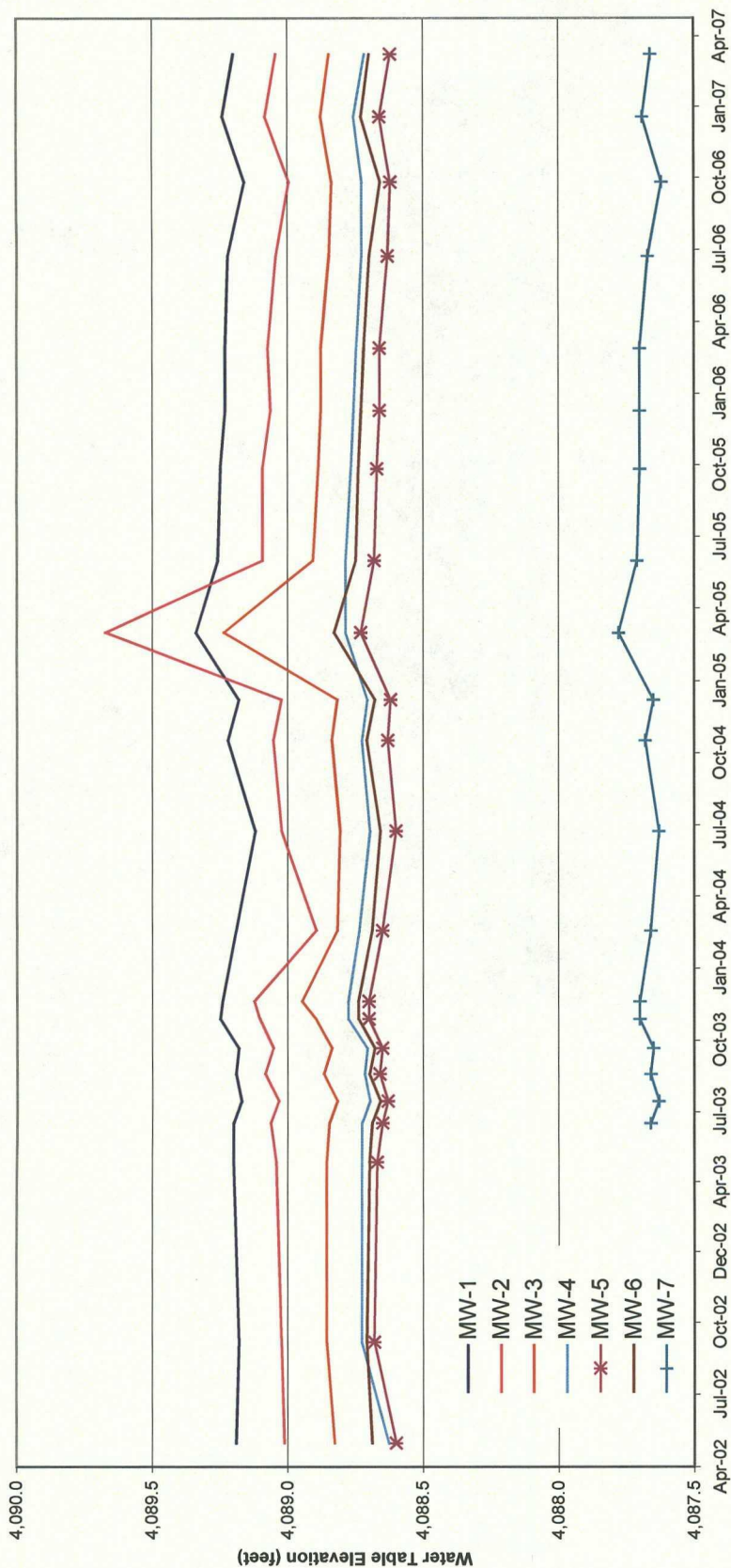


Figure 3 – Well Hydrographs

X-Line Remediation

dcp
Midstream

DRAWN BY: MHS

DATE: 5/07

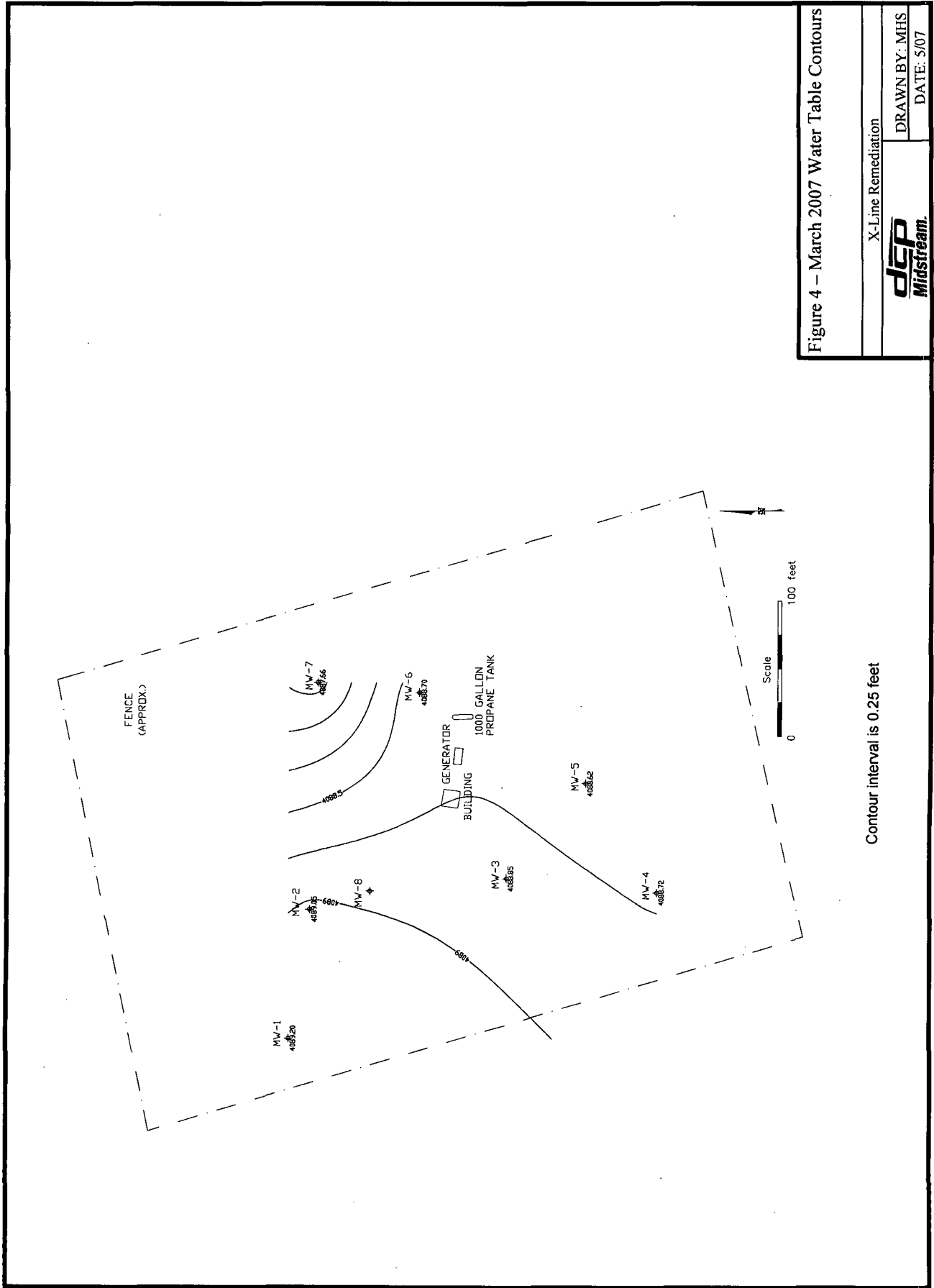


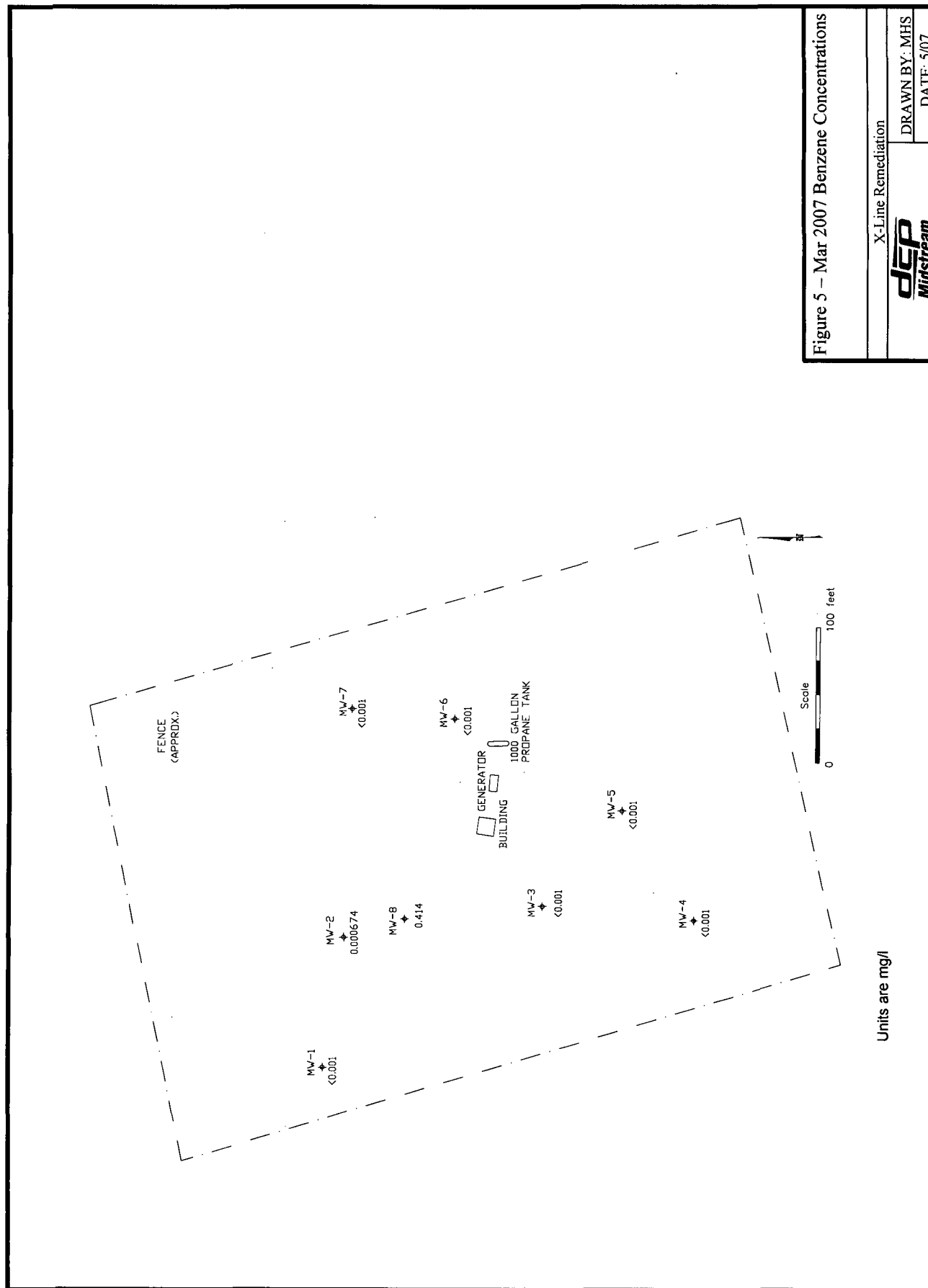
Figure 4 - March 2007 Water Table Contours

X-Line Remediation

DRAWN BY: MHS
DATE: 5/07

dap
Midstream.

Contour interval is 0.25 feet



X-Line Remediation

dep
Midstream.

DRAWN BY: MHS

DATE: 5/07

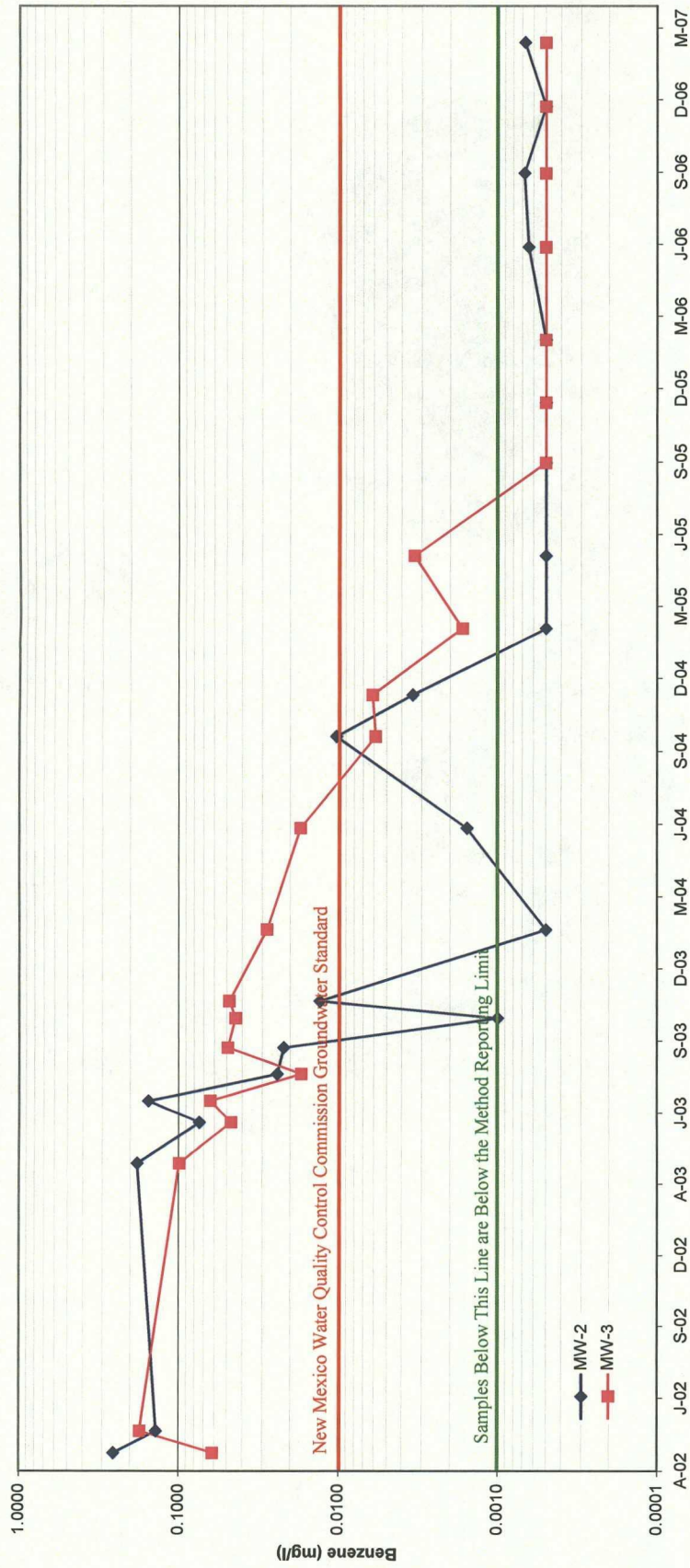


Figure 6 – Benzene Concentrations in MW-2 and MW-3

X-Line Remediation

dcp
Midstream

DRAWN BY: MHS

DATE: 5/07

FIELD SAMPLING FORMS
AND
LABORATORY ANALYTICAL REPORT

WELL SAMPLING DATA FORM

CLIENT: Duke Energy Field Services
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. F-106

WELL ID: MW-1
 DATE: 3/13/2007
 SAMPLER: J. Ferguson

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: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 94.30 Feet

DEPTH TO WATER: 77.49 Feet

HEIGHT OF WATER COLUMN: 16.81 Feet

WELL DIAMETER: 2.0 Inch

8.2 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
11:13	0.0	-	-	-	-	-	Begin Hand Bailing
11:21	2.7	18.0	0.66	7.85	-	-	
11:36	5.4	18.4	0.67	7.81	-	-	
11:46	8.1	18.6	0.66	8.05	-	-	
0:33 :Total Time (hr:min)			8.1 :Total Vol (gal)			0.24 :Flow Rate (gal/min)	

SAMPLE NO.: Collected Sample No.: 070313 1152

ANALYSES: BTEX (8021-B)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: Duke Energy Field Services
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. F-106

WELL ID: MW-2
 DATE: 3/13/2007
 SAMPLER: J. Ferguson

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: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☒ Disposal Facility

TOTAL DEPTH OF WELL: 89.90 Feet
 DEPTH TO WATER: 77.47 Feet
 HEIGHT OF WATER COLUMN: 12.43 Feet
 WELL DIAMETER: 2.0 Inch

6.1 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
11:09	0.0	-	-	-	-	-	Begin Hand Bailing
11:20	2.3	18.2	0.96	6.63	-	-	
11:29	4.0	18.1	0.94	7.68	-	-	
11:40	6.3	18.5	0.89	6.93	-	-	
11:50	8.0	17.9	0.89	7.72	-	-	Multiparameter Meter
							Malfunction!
0:41 :Total Time (hr:min)			8 :Total Vol (gal)			0.19 :Flow Rate (gal/min)	

SAMPLE NO.: Collected Sample No.: 070313 1155

ANALYSES: BTEX (8021-B)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: Duke Energy Field Services
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. F-106

WELL ID: MW-3
 DATE: 3/13/2007
 SAMPLER: J. Fergerson

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: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☒ Disposal Facility

TOTAL DEPTH OF WELL: 92.80 Feet
 DEPTH TO WATER: 77.48 Feet
 HEIGHT OF WATER COLUMN: 15.32 Feet
 WELL DIAMETER: 2.0 Inch

7.5 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
13:28	0.0	-	-	-	-	-	Begin Hand Bailing
13:41	2.6						Multiparameter Meter
13:54	5.2						Malfunction!
14:06	7.8						"
0:38	:Total Time (hr:min)		7.8	:Total Vol (gal)		0.20	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 070313 1410
 ANALYSES: BTEX (8021-B)
 COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: Duke Energy Field Services
 SITE NAME: X Line (Etchevery Ranch)
 PROJECT NO. F-106

WELL ID: MW-4
 DATE: 3/13/2007
 SAMPLER: J. Ferguson

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: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 93.40 Feet
 DEPTH TO WATER: 77.61 Feet
 HEIGHT OF WATER COLUMN: 15.79 Feet
 WELL DIAMETER: 2.0 Inch

7.7 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
12:57	0.0	-	-	-	-	-	Begin Hand Bailing
13:10	2.7						Multiparameter Meter
13:23	5.4						Malfunction!
13:37	8.1						"
0:40 :Total Time (hr:min)			8.1 :Total Vol (gal)			0.20 :Flow Rate (gal/min)	

SAMPLE NO.: Collected Sample No.: 070313 1340

ANALYSES: BTEX (8021-B)

COMMENTS: Collected MS/MSD Samples!

WELL SAMPLING DATA FORM

CLIENT: Duke Energy Field Services WELL ID: MW-5
 SITE NAME: X Line (Etchevery Ranch) DATE: 3/13/2007
 PROJECT NO. F-106 SAMPLER: J. Ferguson

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: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 91.10 Feet

DEPTH TO WATER: 77.28 Feet

HEIGHT OF WATER COLUMN: 13.82 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. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
13:01	0.0	-	-	-	-	-	Begin Hand Bailing
13:18	2.3						Multiparameter Meter
13:35	4.6						Malfunction!
13:52	6.9						"
0:51	:Total Time (hr:min)		6.9	:Total Vol (gal)		0.13	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 070313 1355

ANALYSES: BTEX (8021-B)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: Duke Energy Field Services
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. F-106

WELL ID: **MW-6**
 DATE: 3/13/2007
 SAMPLER: J. Fergerson

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: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL:	92.90	Feet
DEPTH TO WATER:	77.19	Feet
HEIGHT OF WATER COLUMN:	15.71	Feet
WELL DIAMETER:	2.0	Inch

7.7 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
12:08	0.0	-	-	-	-	-	Begin Hand Bailing
12:22	2.7						Multiparameter Meter
12:36	5.4						Malfunction!
12:52	8.1						"
0:44	:Total Time (hr:min)		8.1	:Total Vol (gal)		0.18	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 070313 1255

ANALYSES: BTEX (8021-B)

COMMENTS:

WELL SAMPLING DATA FORM

CLIENT: Duke Energy Field Services WELL ID: MW-7
 SITE NAME: X Line (Etcheverry Ranch) DATE: 3/13/2007
 PROJECT NO. F-106 SAMPLER: J. Fergerson

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: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 92.80 Feet

DEPTH TO WATER: 76.77 Feet

HEIGHT OF WATER COLUMN: 16.03 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. mS/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
12:08	0.0	-	-	-	-	-	Begin Hand Bailing
12:19	2.7						Multiparameter Meter
12:30	5.4						Malfunction!
12:42	8.1						"
0:34	:Total Time (hr:min)		8.1	:Total Vol (gal)		0.24	:Flow Rate (gal/min)

SAMPLE NO.: Collected Sample No.: 070313 1245

ANALYSES: BTEX (8021-B)

COMMENTS: _____

WELL SAMPLING DATA FORM

CLIENT: Duke Energy Field Services
 SITE NAME: X Line (Etcheverry Ranch)
 PROJECT NO. F-106

WELL ID: RW-1/MW-8
 DATE: 3/13/2007
 SAMPLER: J. Ferguson

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: _____

DISPOSAL METHOD OF PURGE WATER: ☒ Surface Discharge ☐ Drums ☐ Disposal Facility

TOTAL DEPTH OF WELL: 85.10 Feet

DEPTH TO WATER: 77.96 Feet

HEIGHT OF WATER COLUMN: 7.14 Feet

WELL DIAMETER: 4.0 Inch

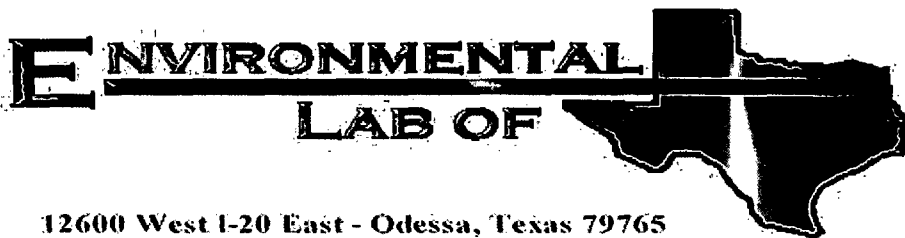
14.0 Minimum Gallons to
 purge 3 well volumes
 (Water Column Height x 1.96)

TIME	VOLUME PURGED	TEMP. °C	COND. m S/cm	pH	DO mg/L	Turb	PHYSICAL APPEARANCE AND REMARKS
							Purged & Sampled By
							M. Stewart!
0:00 :Total Time (hr:min)			0 :Total Vol (gal)			#DIV/0! :Flow Rate (gal/min)	

SAMPLE NO.: Collected Sample No.: 070313 1405

ANALYSES: BTEX (8021-B)

COMMENTS: Collected Duplicate Sample No.: 0703131500 for BTEX (8021-B)



12600 West I-20 East - Odessa, Texas 79765

A Xenco Laboratories Company

Analytical Report

Prepared for:

Michael Stewart

American Environmental Consultants

6885 South Marshall St., Ste. 3

Littleton, CO 80128

Project: DCP Midstream - X Line

Project Number: None Given

Location: Lea County, New Mexico

Lab Order Number: 7C16002

Report Date: 03/21/07

American Environmental Consultants
6885 South Marshall St., Ste. 3
Littleton CO, 80128

Project: DCP Midstream - X Line
Project Number: None Given
Project Manager: Michael Stewart

Fax: (303) 948-7793

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1 (0703131152)	7C16002-01	Water	03/13/07 11:52	03-15-2007 16:50
MW-2 (0703131155)	7C16002-02	Water	03/13/07 11:55	03-15-2007 16:50
MW-7 (0703131245)	7C16002-03	Water	03/13/07 12:45	03-15-2007 16:50
MW-6 (0703131255)	7C16002-04	Water	03/13/07 12:55	03-15-2007 16:50
MW-4 (0703131340)	7C16002-05	Water	03/13/07 13:40	03-15-2007 16:50
MW-5 (0703131355)	7C16002-06	Water	03/13/07 13:55	03-15-2007 16:50
RW-1 (0703131405)	7C16002-07	Water	03/13/07 14:05	03-15-2007 16:50
MW-3 (0703131410)	7C16002-08	Water	03/13/07 14:10	03-15-2007 16:50
Duplicate (0703131500)	7C16002-09	Water	03/13/07 15:00	03-15-2007 16:50
Trip Blank	7C16002-10	Water	03/13/07 00:00	03-15-2007 16:50

American Environmental Consultants
6885 South Marshall St., Ste. 3
Littleton CO, 80128

Project: DCP Midstream - X Line
Project Number: None Given
Project Manager: Michael Stewart

Fax: (303) 948-7793

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (0703131152) (7C16002-01) Water									
Benzene	ND	0.00100	mg/L	1	EC71902	03/19/07	03/20/07	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		108 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.6 %	80-120		"	"	"	"	
MW-2 (0703131155) (7C16002-02) Water									
Benzene	I [0.000674]	0.00100	mg/L	1	EC71902	03/19/07	03/20/07	EPA 8021B	
Toluene	0.00512	0.00100	"	"	"	"	"	"	
Ethylbenzene	0.00120	0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.00530	0.00100	"	"	"	"	"	"	
Xylene (o)	0.00240	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		96.4 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.0 %	80-120		"	"	"	"	
MW-7 (0703131245) (7C16002-03) Water									
Benzene	ND	0.00100	mg/L	1	EC71902	03/19/07	03/20/07	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		93.4 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.8 %	80-120		"	"	"	"	
MW-6 (0703131255) (7C16002-04) Water									
Benzene	ND	0.00100	mg/L	1	EC71902	03/19/07	03/20/07	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		95.4 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.4 %	80-120		"	"	"	"	

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American Environmental Consultants
6885 South Marshall St., Ste. 3
Littleton CO, 80128

Project: DCP Midstream - X Line
Project Number: None Given
Project Manager: Michael Stewart

Fax: (303) 948-7793

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (0703131340) (7C16002-05) Water									
Benzene	ND	0.00100	mg/L	1	EC71902	03/19/07	03/20/07	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		96.8 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.0 %	80-120		"	"	"	"	
MW-5 (0703131355) (7C16002-06) Water									
Benzene	ND	0.00100	mg/L	1	EC71902	03/19/07	03/20/07	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		96.8 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.4 %	80-120		"	"	"	"	
RW-1 (0703131405) (7C16002-07) Water									
Benzene	0.398	0.00500	mg/L	5	EC71902	03/19/07	03/20/07	EPA 8021B	
Toluene	0.962	0.00500	"	"	"	"	"	"	
Ethylbenzene	0.410	0.00500	"	"	"	"	"	"	
Xylene (p/m)	2.36	0.00500	"	"	"	"	"	"	
Xylene (o)	0.959	0.00500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		127 %	80-120		"	"	"	"	S-04
Surrogate: 4-Bromofluorobenzene		167 %	80-120		"	"	"	"	S-04
MW-3 (0703131410) (7C16002-08) Water									
Benzene	ND	0.00100	mg/L	1	EC71902	03/19/07	03/20/07	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		93.4 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.0 %	80-120		"	"	"	"	

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American Environmental Consultants
6885 South Marshall St., Ste. 3
Littleton CO, 80128

Project: DCP Midstream - X Line
Project Number: None Given
Project Manager: Michael Stewart

Fax: (303) 948-7793

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Duplicate (0703131500) (7C16002-09) Water									
Benzene	0.431	0.00500	mg/L	5	EC71902	03/19/07	03/20/07	EPA 8021B	
Toluene	0.991	0.00500	"	"	"	"	"	"	
Ethylbenzene	0.463	0.00500	"	"	"	"	"	"	
Xylene (p/m)	2.62	0.00500	"	"	"	"	"	"	
Xylene (o)	1.05	0.00500	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		132 %	80-120		"	"	"	"	S-04
<i>Surrogate: 4-Bromofluorobenzene</i>		193 %	80-120		"	"	"	"	S-04
Trip Blank (7C16002-10) Water									
Benzene	ND	0.00100	mg/L	1	EC71902	03/19/07	03/20/07	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		93.4 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.0 %	80-120		"	"	"	"	

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American Environmental Consultants
6885 South Marshall St., Ste. 3
Littleton CO, 80128

Project: DCP Midstream - X Line
Project Number: None Given
Project Manager: Michael Stewart

Fax: (303) 948-7793

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EC71902 - EPA 5030C (GC)

Blank (EC71902-BLK1)

Prepared & Analyzed: 03/19/07

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	52.1		ug/l	50.0		104	80-120			
Surrogate: 4-Bromofluorobenzene	46.3		"	50.0		92.6	80-120			

LCS (EC71902-BS1)

Prepared: 03/19/07 Analyzed: 03/20/07

Benzene	0.0571	0.00100	mg/L	0.0500		114	80-120			
Toluene	0.0568	0.00100	"	0.0500		114	80-120			
Ethylbenzene	0.0569	0.00100	"	0.0500		114	80-120			
Xylene (p/m)	0.114	0.00100	"	0.100		114	80-120			
Xylene (o)	0.0590	0.00100	"	0.0500		118	80-120			
Surrogate: a,a,a-Trifluorotoluene	56.3		ug/l	50.0		113	80-120			
Surrogate: 4-Bromofluorobenzene	55.9		"	50.0		112	80-120			

Calibration Check (EC71902-CCV1)

Prepared: 03/19/07 Analyzed: 03/20/07

Benzene	57.7		ug/l	50.0		115	80-120			
Toluene	57.6		"	50.0		115	80-120			
Ethylbenzene	57.8		"	50.0		116	80-120			
Xylene (p/m)	111		"	100		111	80-120			
Xylene (o)	59.7		"	50.0		119	80-120			
Surrogate: a,a,a-Trifluorotoluene	48.7		"	50.0		97.4	80-120			
Surrogate: 4-Bromofluorobenzene	52.0		"	50.0		104	80-120			

Matrix Spike (EC71902-MS1)

Source: 7C16001-04

Prepared: 03/19/07 Analyzed: 03/20/07

Benzene	0.0567	0.00100	mg/L	0.0500	ND	113	80-120			
Toluene	0.0560	0.00100	"	0.0500	ND	112	80-120			
Ethylbenzene	0.0580	0.00100	"	0.0500	ND	116	80-120			
Xylene (p/m)	0.111	0.00100	"	0.100	ND	111	80-120			
Xylene (o)	0.0594	0.00100	"	0.0500	ND	119	80-120			
Surrogate: a,a,a-Trifluorotoluene	48.4		ug/l	50.0		96.8	80-120			
Surrogate: 4-Bromofluorobenzene	52.5		"	50.0		105	80-120			

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American Environmental Consultants
6885 South Marshall St., Ste. 3
Littleton CO, 80128

Project: DCP Midstream - X Line
Project Number: None Given
Project Manager: Michael Stewart

Fax: (303) 948-7793

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EC71902 - EPA 5030C (GC)

Matrix Spike (EC71902-MS2)		Source: 7C16002-05		Prepared: 03/19/07		Analyzed: 03/20/07				
Benzene	0.0573	0.00100	mg/L	0.0500	ND	115	80-120			
Toluene	0.0568	0.00100	"	0.0500	ND	114	80-120			
Ethylbenzene	0.0590	0.00100	"	0.0500	ND	118	80-120			
Xylene (p/m)	0.113	0.00100	"	0.100	ND	113	80-120			
Xylene (o)	0.0598	0.00100	"	0.0500	ND	120	80-120			
Surrogate: a,a,a-Trifluorotoluene	49.9		ug/l	50.0		99.8	80-120			
Surrogate: 4-Bromofluorobenzene	53.4		"	50.0		107	80-120			

Matrix Spike Dup (EC71902-MSD1)		Source: 7C16001-04		Prepared: 03/19/07		Analyzed: 03/20/07				
Benzene	0.0553	0.00100	mg/L	0.0500	ND	111	80-120	1.79	20	
Toluene	0.0569	0.00100	"	0.0500	ND	114	80-120	1.77	20	
Ethylbenzene	0.0577	0.00100	"	0.0500	ND	115	80-120	0.866	20	
Xylene (p/m)	0.112	0.00100	"	0.100	ND	112	80-120	0.897	20	
Xylene (o)	0.0593	0.00100	"	0.0500	ND	119	80-120	0.00	20	
Surrogate: a,a,a-Trifluorotoluene	47.4		ug/l	50.0		94.8	80-120			
Surrogate: 4-Bromofluorobenzene	52.9		"	50.0		106	80-120			

Matrix Spike Dup (EC71902-MSD2)		Source: 7C16002-05		Prepared: 03/19/07		Analyzed: 03/20/07				
Benzene	0.0571	0.00100	mg/L	0.0500	ND	114	80-120	0.873	20	
Toluene	0.0559	0.00100	"	0.0500	ND	112	80-120	1.77	20	
Ethylbenzene	0.0585	0.00100	"	0.0500	ND	117	80-120	0.851	20	
Xylene (p/m)	0.111	0.00100	"	0.100	ND	111	80-120	1.79	20	
Xylene (o)	0.0589	0.00100	"	0.0500	ND	118	80-120	1.68	20	
Surrogate: a,a,a-Trifluorotoluene	54.7		ug/l	50.0		109	80-120			
Surrogate: 4-Bromofluorobenzene	52.3		"	50.0		105	80-120			

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American Environmental Consultants
6885 South Marshall St., Ste. 3
Littleton CO, 80128

Project: DCP Midstream - X Line
Project Number: None Given
Project Manager: Michael Stewart

Fax: (303) 948-7793

Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date: 3/21/2007

Brent Barron, Laboratory Director/Corp. Technical Director
Celey D. Keene, Org. Tech Director
Raland K. Tuttle, Laboratory Consultant

James Mathis, QA/QC Officer
Jeanne Mc Murrey, Inorg. Tech Director

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If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas

A Xenco Laboratories Company

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Environmental Lab of Texas
Variance/ Corrective Action Report- Sample Log-In

Client: American Env. Consult.
Date/ Time: 3-15-07 1450
Lab ID #: 7016002
Initials: DM

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	Yes	No	4.5 °C
#2	Shipping container in good condition?	<u>Yes</u>	No	
#3	Custody Seals intact on shipping container/ cooler?	Yes	<u>No</u>	Not Present
#4	Custody Seals intact on sample bottles/ container?	<u>Yes</u>	No	Not Present
#5	Chain of Custody present?	<u>Yes</u>	No	
#6	Sample instructions complete of Chain of Custody?	<u>Yes</u>	No	
#7	Chain of Custody signed when relinquished/ received?	<u>Yes</u>	No	
#8	Chain of Custody agrees with sample label(s)?	<u>Yes</u>	No	ID written on Cont./ Lid
#9	Container label(s) legible and intact?	<u>Yes</u>	No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No	
#11	Containers supplied by EL0T?	<u>Yes</u>	No	
#12	Samples in proper container/ bottle?	<u>Yes</u>	No	See Below
#13	Samples properly preserved?	<u>Yes</u>	No	See Below
#14	Sample bottles intact?	<u>Yes</u>	No	
#15	Preservations documented on Chain of Custody?	<u>Yes</u>	No	
#16	Containers documented on Chain of Custody?	<u>Yes</u>	No	
#17	Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	See Below
#18	All samples received within sufficient hold time?	<u>Yes</u>	No	See Below
#19	Subcontract of sample(s)?	Yes	No	Not Applicable
#20	VOC samples have zero headspace?	<u>Yes</u>	No	Not Applicable

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken:

Check all that Apply:

- ☐ See attached e-mail/ fax
☐ Client understands and would like to proceed with analysis
☐ Cooling process had begun shortly after sampling event

SUMMARY OF ISOC REMEDIATION SYSTEM



iSOC® Technology

What is iSOC®?

What is iSOC®?

iSOC® is an oxygen delivery technology called in-situ Submerged Oxygen Curtain (iSOC®) that when suspended in existing monitoring wells infuses high levels of oxygen into groundwater. The proprietary structured polymer used in iSOC® contains hydrophobic microporous hollow fiber. These fibers provide approximately 7,000 square meters of interface area per cubic meter of fiber for the mass transfer of oxygen into groundwater.

iSOC® is owned and manufactured by inVentures Technology incorporated (iT) in Fredericton, New Brunswick and Oakville, Ontario, Canada.

How does iSOC® work?

Oxygen is infused into the water in such a way that large quantities of dissolved oxygen (DO) are created (without sparging), and with a very low decay rate at atmospheric pressure. Once equilibrium is achieved, this process "idles" (no additional oxygen added), until there is a demand for oxygen—either through biomass utilization, or through DO migration and groundwater movement through the well. iSOC® then continues to maintain equilibrium, generating more dissolved oxygen as required.

The use of dissolved oxygen in hydrocarbon-contaminated groundwater to enhance natural attenuation of MTBE and BTEX has been growing as a remediation technology since the mid-1990s. Most conventional technologies, however, waste most of their oxygen because the bubbles rise to the top of the groundwater table and escape before they have a chance to dissolve or to be utilized by naturally occurring hydrocarbon degraders. The result is an inadequate biodegradation response in aquifers with high ferrous iron, moderate BOD, and/or high concentrations of hydrocarbon constituents.

What is Gas inFusion Technology?

The patented Gas inFusion technology is a unique method of infusing gas into liquids. The underlying scientific principle for the iSOC® is the equilibrium that exists between the dissolved concentration of a gas in a liquid and the partial pressure of the gas above the liquid. Henry's Law states: the weight of any gas that will dissolve in a given volume of liquid, at constant temperature, is directly proportional to the pressure that the gas exerts above the liquid.

Where has iSOC® been approved?

iSOC® has been approved for remediation use in most states. iSOC® is now operating on hundreds of sites in North America, Europe and Asia.

iSOC® Construction

- Stainless Steel unit -1.62" Diameter, 13" long (41 x 330 mm) with a drain fitting.
- Stainless Steel barb fitting connects to 0.25" or 6 mm OD polyurethane tubing.
- Lifting /security eye for connecting to a suspension line.
- Gas inFusion module using microporous hollow fiber & PVC shell.
- High tolerance to most pure gas & contaminant environments.

iSOC® Remediation Approach

- **Creation of oxygen barrier** at leading edge of contaminant plume—avoids boundary litigation; protects off-site receptors.
- **Source treatment**—reduces contamination levels with supersaturated oxygen at heart of the plume.
- **Rapid, localized remediation** of low-level contamination in existing monitoring wells—cost effective, passive enhancement of natural bioremediation.
- **Accelerates site closure** through natural attenuation as a primary remediation strategy or as a polisher

iSOC® Remediation Enhancement

- Supersaturates monitoring well with low decay DO—typically 40-200 PPM depending on depth.
- Natural convection current fills well with uniform DO curtain.
- DO floods downstream groundwater and/or fractured bedrock.
- Enhanced bioremediation removes organics.
- Placement of injection wells depends on site-specific conditions.
- Installed in a few hours; easily moved to optimize performance.

iSOC® Oxygen Distribution

- Mass transport laws govern oxygen distribution.
- Supplies oxygen according to demand.
- Down-gradient DO depends on groundwater velocity & O₂ demand.
- Case studies show the typical radius of influence to be 10-30 feet.
- One iSOC® unit will use 1 cu ft (28 l) of oxygen per day.

iSOC® Advantages

- Infuses 4 to 10 times more DO than any competitive technology.
- Delivers 40-200 PPM DO depending on groundwater characteristics & iSOC® depth.
- Uses existing 2-inch monitoring wells for installation.
- Infusion results in half to two-thirds less time than competitive technologies.
- Connects to standard oxygen cylinder.
- No power, off-gases, pumps, hazardous by-products, or permits.
- Small, simple, efficient, predictable, easy to use, & very low maintenance.

What are remediation consultants saying about iSOC®?

In the past few months, several leading environmental firms have achieved significant reductions in MTBE, BTEX, and TBA, and have commented:

- "In less than 3 months since iSOC® installation, MTBE & TBA have decreased by an order of magnitude, DO has increased in monitoring wells 30' away, and ferrous iron and BOD have dropped."
- "Since installation of iSOC®, MTBE has been reduced from 3500 to under 200 PPM in fractured bedrock in about 4 weeks."
- "We established an effective barrier of DO in ~3 months with reductions of 84% MTBE, 31% TBA, 73% benzene down gradient of O₂ barrier."

Who do I contact for iSOC® sales and Information?

Click onto www.isocinfo.com to locate the iSOC® Representative nearest you.

www.isocinfo.com