AP - 33

ANNUAL MONITORING REPORT

YEAR(S):

1/26/2007

Chavez, Carl J, EMNRD

From: Weathers, Stephen W [SWWeathers@dcpmidstream.com]
Sent: Friday, January 26, 2007 3:28 PM
To: Chavez, Carl J, EMNRD
Cc: Ward, Lynn C
Subject: DCP Midstream, LP Eldridge Project (AP#33)

Mr. Chavez

Attached you will find the 4th Quarter 2006 groundwater monitoring report for the DCP Eldridge Project **(AP-33)** located near Monument, New Mexico (Unit P, Section 21, Township 19 South, Range 37 East).

I will be sending a CD of this report to Larry Johnson at the Hobbs District Office.

If you have any questions, please give me a call at 303-605-1718.

Thanks

Stephen Weathers
Sr. Environmental Specialist
DCP Midstream
303-605-1718 (Office)
303-619-3042 (Cell)

Effective 1/1/07 my email address has changed to swweathers@dcpmidstream.com

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

January 26, 2007

Mr. Carl Chavez
Environmental Bureau
New Mexico Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

RE: 4th Quarter 2006 Groundwater Monitoring Results
DEFS Eldridge Ranch Study Area (AP#-33)
Unit P, Section 21, Township 19 South, Range 37 East
Lea County, New Mexico

Dear Mr. Chavez:

Duke Energy Field Services, LP (DEFS) is pleased to submit for your review, an electronic copy of the 4th Quarter 2006 Groundwater Monitoring Results for the DEFS Eldridge Study Area located near Monument, New Mexico (Unit P, Section 21, Township 19 South, Range 37 East).

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

Sincerely

Duke Energy Field Services, LP

Stephen Weathers, PG
Sr. Environmental Specialist

cc: Larry Johnson, OCD Hobbs District Office (Copy on CD)
Lynn Ward, DEFS Midland Office
Environmental Files

AEC AMERICAN ENVIRONMENTAL CONSULTING, LLC

January 26, 2007

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

Subject: **AP-33** Summary of Fourth Quarter 2006 Groundwater Monitoring Results for the DCP Eldridge Ranch Study Area, Lea County, New Mexico (Unit P, Section 21, Township 19 South, Range 37 East)

Dear Steve:

This letter summarizes the activities completed and data generated during the fourth quarter 2006 groundwater-sampling episode at the DCP Midstream, LP (DCP), formally known as Duke Energy Field Services, DCP Eldridge Ranch Study Area. The study area is located approximately 1 mile north and 0.75 miles east of the town of Monument in Lea County New Mexico (Figure 1). The OCD location descriptor is Unit P, Section 21, Township 19 South, Range 37 East. The coordinates for the area are 32 degrees 38.5 minutes north, 103 degrees 15.4 minutes east.

The former NMG-148C Study Area was combined with the DCP Eldridge Ranch Study Area beginning with the first quarter of 2006. The areas were combined after establishing that the hydrocarbon plume originating from the NMG-148C study area had migrated into the Eldridge Ranch Study area before it attenuated. The combined sites will be treated as a single entity in all subsequent episodes.

Activities at the site are governed under Abatement Plan AP-33. DCP (then Duke Energy Field Services) submitted the Stage 1 Abatement Site Investigation Report (ASIR) on February 11, 2004 to the New Mexico Oil Conservation Division (OCD). In that report, DCP committed to continuing two activities independent of the ASIR review timeframe. The two activities include groundwater monitoring and free phase hydrocarbon (FPH) removal when practicable. FPH recovery has been tried but is not viable because of the thin and relatively immobile nature of the zone. Groundwater monitoring has continued on a quarterly basis.

FIELD PROGRAM DESCRIPTION

The groundwater monitoring activities were completed on December 18 and 19, 2006. All activities were completed using the protocols included in the Sampling and Analysis Plan (SAP) that was prepared specifically for this project and approved by OCD.

The groundwater monitoring activities are divided into water table measurements, free phase hydrocarbon thickness measurements and groundwater sampling. The activities completed and data generated are summarized below.

Water Table Measurements

The fluid levels in all of the wells were measured prior to beginning the purging and sampling activities. Table 1 provides construction information for the wells. The well locations are shown on Figure 2. The corrected groundwater elevations that were measured during the December 2006 monitoring activities are shown on Table 2 along with the historical data. Approximate corrected water-table elevations for the wells containing FPH were estimated using the following formula:

GWE_{corr} = MGWE + (FPHT*PD): where

- MGWE is the actual measured groundwater elevation;
- FPHT is the measured free-phase hydrocarbon thickness; and PD is the FPH density (assumed at 0.72 based upon site-specific information).

Hydrographs for select wells with longer periods of record are included in Figure 3. The water table declined between September 2006 and December 2006 as the effects of the summer 2006 precipitation waned.

Water table contours based upon the corrected December 2006 data are shown in Figure 4. The contours were generated using the Surfer program with a kriging option and modified as necessary to better match the actual distribution. This figure is discussed below in the conclusions section. The 3.55-foot head difference between MW-1 and MW-1D falls in the historic range between 3.52 and 3.59 feet.

Free Phase Hydrocarbon Thickness Gauging

The FPH thickness measurements are summarized on Table 3. The maximum thickness measured was 0.8 feet in MW-CC. The remaining wells contained 0.53 feet (approximately 6 inches) or less FPH.

FPH was measured at 0.01 feet in MW-26 after being absent in September 2006. Thickness over time is plotted on Figure 5 for the remaining wells that currently contain FPH. MW-27 is the only well that has contained FPH since it was installed. The FPH thickness measured in MW-27 rebounded in December 2006 but only to approximately half of its historic thickness. The FPH thickness also increased in wells MW-CC and MW-LL, and it declined in MW-N and MW-EE. The FPH thickness in MW-EE, located to the north, continues a 2-year decline trend.

Groundwater Sampling

Representative groundwater samples were collected from 47 wells. The remaining wells either had FPH or are not included in the sampling part of the program (groundwater measurement only). All of the groundwater samples were analyzed for benzene, ethylbenzene, toluene and xylenes (BTEX). The BTEX results for the monitoring episode are summarized in Table 4. The laboratory reports are included in Attachment A.

None of the BTEX constituents were detected in the trip blank. The quality control evaluation for the December 2006 data are summarized in Table 5. The relative percentage difference (RPD) values for the three wells with duplicate samples are summarized in the upper part of Table 5. The NMG MW-13 samples could not be evaluated because the constituents for one sample were reported below the method reporting limit. The results for the MW-5 duplicates all exhibited good agreement. The MW-18 results exhibited poor disagreement for all constituents. The matrix spike and matrix spike duplicate results were all also within their control limits. The data is considered suitable for the intended uses given that none of the samples will be used for closure verification purposes.

The measured concentrations and the calculated isopleths for benzene for December 2006 are shown on Figure 6 along with the wells that contained FPH. The isopleths were calculated using the Surfer program with a kriging option. The map will be discussed in the conclusions section below.

CONCLUSIONS

The interpretations and conclusions are grouped according to groundwater flow, product thickness and groundwater chemistry.

Groundwater Flow and Free Phase Hydrocarbon Thickness

Conclusions resulting from the December 2006 monitoring event related to groundwater flow include:

1. The water table increased at a relatively uniform rate across the site to levels that approach or exceed the highest measured elevations (Figure 3).

2. The groundwater flow beneath the northern half of the Eldridge study area is southward. The groundwater flow then deflects toward the southeast in the southern half of the Eldridge study area (Figure 4);

3. There was limited deflection of the water table toward the south in the vicinity of the Huston property-DCP Eldridge Property boundary. This phenomena occurred in

2004-2005 following a period of heavy precipitation that was longer than the summer 2006 episode.

Conclusions resulting from the December 2006 monitoring episode related to FPH include:

1. The FPH mobility appears to be limited based upon historic baildown/recovery tests and its failure to reappear in previously-affected wells to the south (Table 3).

2. The FPH thickness is less than 0.8 feet in the six wells that it was measured in Table 3). The thickness was less than 0.1 feet (approximately 1 inch) in two of the six wells. Previous experience at this site as well as other sites in the region has shown that the residual FPH is relatively immobile at thicknesses less than 1.0 foot.

3. The FPH continues to decline in MW-EE from a maximum thickness of 0.83 feet in September 2005. The FPH thickness in the other wells (excepting MW-CC) also exhibit decreasing trends although they are less pronounced.

Spatial Benzene Distribution

The benzene distribution depicted in Figure 6 has remained essentially unchanged over the duration of the project. The down-gradient eastern and southern boundaries of the study area are defined to the method reporting limits.

Temporal Benzene Distribution

The benzene-time graphs for wells in various parts of the study area were updated and evaluated for indications of dissolved-phase benzene plume expansion or contraction. The evaluation begins with the northernmost NMG-148C plume and moves south. The historic data used to generate these plots are in Attachment B along with the compiled toluene, ethylbenzene and combined xylenes data.

Time-benzene plots for the down-gradient NMG wells are shown on Figure 7. The benzene concentrations exhibited a variety of behaviors from substantial decreases (NMG MW-8) to substantial increases (NMG MW-9). These changes probably originate from local variations in groundwater flow patterns that resulted from the summer precipitation. The data does not indicate that extensive expansion is occurring through this groundwater plume.

Figure 8 graphs the benzene-time relationship for six wells in the central part of the Eldridge Study Area Property. The benzene concentrations in MW-E and MW-O declined substantially. The concentration in MW-E returned to its historical range after a sharp September 2006 increase that might have resulted from a sampling or a laboratory

error. The concentration in MW-O fell well below its historic range so the results from future sampling events will be needed to verify the presence of this trend.

The concentrations in the remaining wells in this area either remained essentially constant or increased slightly. None of these wells are indicative of a situation where an expanding dissolved-phase plume is present.

Finally, the benzene-time concentrations for the wells that are located in the southern part of the study area are shown on Figure 9. The benzene concentrations in all of these wells except MW-A declined between September 2006 and December 2006. The concentration in the former house well continues to remain below the New Mexico Water Quality Control Commission groundwater standard. It is also important to note that the summer 2006 rains did not produce a spike in the benzene concentrations like the one that resulted from the heavy 2004-2005 rains.

The relationships in the southern wells indicate that natural attenuation stabilizes and removes the hydrocarbons as they migrate away from the source areas. There is no evidence of plume expansion in this area.

RECOMMENDATIONS

AEC recommends that the first quarter 2007 monitoring be completed and the data reviewed to evaluate the changes in the groundwater flow patterns in the south-central part of the study area on the hydrocarbons.

Thank you for allowing AEC to complete this work. Do not hesitate to contact me if you have any questions or comments on this report or any other aspects of the projects.

Sincerely,
AMERICAN ENVIRONMENTAL CONSULTING, LLC

Michael H. Stewart

Michael H. Stewart, PE, CPG
Principal Engineer

MHS/tbm

Attachments

TABLES

Table 1 – Monitoring Well Information

Well	Date Installed	Total Well Depth	Screen Interval	Sand Interval
MW-1	8/01	28.0	11.8-26.8	9.8-27
MW-1D	12/02	48.0	34-44	33-48
MW-2	8/01	28.0	11.7-26.7	8.7-27
MW-3	8/01	30.0	13.4-28.4	10.4-29
MW-4	8/01	30.0	13.2-28.2	10.2-29
MW-5	8/01	27.0	10.2-25.2	7.2-26
MW-6	8/01	30.0	13.5-28.5	10.5-29.0
MW-7	8/01	35.0	18.6-33.6	15.6-34
MW-8	3/02	30.0	15.0-30.0	12-30
MW-9	3/02	27.0	11.4-26.4	8.4-27
MW-10	3/02	31.0	15.2-30.2	12-31
MW-11	3/02	30.4	15.3-30.3	12-30.4
MW-12	3/02	34.0	18-33	15-34
MW-13	3/02	36.0	18.11-33.11	16-36
MW-14	3/02	32.0	16.11-31.11	14-32
MW-15	9/02	35.5	20-35	18-35.5
MW-16	9/02	25.0	9.5-24.5	9-24.5
MW-17	9/02	25.0	9.5-24.5	9-24.5
MW-18	9/02	32.0	16.5-31.5	15-32
MW-19	9/02	30.0	7-27	6-30
MW-20	9/02	32.0	16.5-31.5	15-32
MW-21	9/02	35.0	19.5-34.5	18-35
MW-22	9/02	36.0	17-32	15-36
MW-23	9/02	30.0	14.5-29.5	11-30
MW-24	12/02	35.0	19-34	17-34
MW-25	2/03	37.0	17-37	15-37
MW-26	2/03	35.0	15-35	13-35
MW-27	2/03	37.0	17-37	15-37
MW-28	3/06	30	15-30	13-30
MW-29	3/06	33	18-33	16-33
MW-30	3/06	30	15-30	13-30
MW-31	3/06	27	12-27	10.5-27

All units in feet
Minimum of 2 feet of pelletized bentonite on top of all sand packs.
Wells that were plugged and abandoned in November 2005 were deleted from this table

Table 1 – Monitoring Well Information (continued)

Well	Date Installed	Total Depth	Screened Interval	Sand Interval
MW-A	11/03	26.5	11-26	8-26.5
MW-E	11/03	31	15-30	13-31
MW-F	11/03	26	9-24	6-24
MW-I	11/03	36.5	19-34	17-36.5
MW-J	11/03	27.5	12-27	9-27.5
MW-M	11/03	38.5	23-38	21-38
MW-N	11/03	36.5	21-36	19-36.5
MW-O	11/03	36.5	21-36	19-36.5
MW-Q	11/03	36	19-34	16-36
MW-S	11/03	28.5	13-28	10-28.5
MW-CC	11/03	36.5	21-36	19-36.5
MW-EE	11/03	33.5	18-33	16-33.5
MW-LL	11/03	37.5	22-37	20-37.5
MW-MM	11/03	36	19-34	16-36
NMG MW2	12/16/02	35	20-35	18-35
NMG MW3	2/5/03	37	17-37	15-37
NMG MW4	2/5/03	37	17-37	15-37
NMG MW5	12/15/04	35	20-35	11-20
NMG MW6	4/17/05	35	15-35	12-35
NMG MW7	4/17/05	35	15-35	12-35
NMG MW8	4/17/05	35	15-35	12-35
NMG MW9	4/14/05	35	20-35	18-35
NMG MW10	11/10/05	30	15-30	12-30
NMG MW11	11/10/05	30	15-30	12-30
NMG MW12	11/10/05	30	15-30	12-30
NMG MW13	11/10/05	30	15-30	12-30
House Well	?	25	?	?
Irrigation Well	?	44.5	?	?

All units in feet
?: no information available
Minimum of 2 feet of pelletized bentonite on top of all sand packs.
Wells that were plugged and abandoned in November 2005 were deleted from this table

Table 2 - Groundwater Elevations Corrected for Free Product When Present

Well	8/9/01	3/3/02	7/18/02	10/10/02	2/22/03	6/5/03	9/24/03	12/9/03	1/12/04	3/22/04	6/21/04	9/20/04	12/10/04	3/21/05	6/27/05	9/30/05	12/20/05
MW-1	3602.20	3599.02	3598.68	3598.55	3598.68	3598.59	3598.36	3598.48	3598.47	3598.46	3599.07	3598.59	3604.27	3602.52	3601.37	3601.11	3600.65
MW 1D					3595.12	3595.03	3594.81	3594.90	3594.92	3594.91	3595.52	3594.67	3600.74	3599.00	3597.83	3597.52	3597.10
MW-2	3601.63	3599.33	3598.95	3598.81	3598.99	3598.88	3598.66	NM	3598.75	3598.73	3599.34	3598.88	3604.24	3602.67	3601.62	3601.34	3600.94
MW-3	3601.67	3601.67	3599.11	3598.96	3599.09	3599.01	3598.80	3598.89	3598.89	3598.88	3599.48	3599.01	3604.73	3603.00	3601.84	3603.55	3601.07
MW-4	3602.16	3599.81	3599.34	3599.17	3599.30	3599.24	3599.01	3599.05	3599.07	3599.08	3599.67	3599.17	3605.75	3604.21	3602.93	3602.31	3601.61
MW-5	3602.98	3600.48	3600.09	3599.93	3600.20	3600.03	3599.75	3599.91	3599.92	3599.94	3600.50	3599.85	3606.56	3604.37	3603.08	3602.78	3602.30
MW-6	3606.44	3603.99	3603.42	3603.22	3603.27	3603.21	3603.01	3602.99	3602.99	3602.98	3603.60	3603.12	3608.71	3607.73	3607.05	3606.68	3606.05
MW-7	3606.47	3604.02	3603.46	3603.31	3603.30	3603.25	3603.10	3603.05	3603.05	3603.01	3603.50	3603.17	3606.33	3607.13	3606.66	3606.39	3605.98
MW-8		3605.22	3602.50	3602.33	3602.34	3602.25	3602.00	3602.00	3602.13	3601.98	3619.49	3602.12	3608.29	3607.10	3606.24	3605.93	3605.27
MW-9		3604.78	3601.14	3600.91	3601.05	3600.91	3600.62	3600.66	3600.66	3600.67	3601.43	3600.74	3608.59	3606.24	3605.11	3604.77	3604.30
MW-10		3606.67	3603.96	3603.76	3603.74	3603.67	3603.41	3603.39	3603.38	3603.36	3604.15	3603.55	3609.15	3608.08	3607.48	3607.29	3606.97
MW-11		3606.16	3603.64	3602.47	3603.39	3603.32	3603.04	3603.07	3603.04	3603.00	3620.96	3603.22	3608.39	3607.68	3607.06	3606.87	3606.42
MW-12		3607.44	3604.87	3604.69	3604.60	3604.54	3604.36	3604.32	3604.27	3604.23	3604.89	3604.44	3608.74	3608.52	3608.07	3607.95	3607.65
MW-13		3608.80	3605.01	3604.79	3604.79	3604.70	3604.43	3604.40	3604.39	3604.37	3605.24	3605.58	3611.18	3609.94	3609.16	3608.92	3608.47
MW-14		3608.66	3606.04	3605.85	3605.81	3605.74	3605.51	3605.47	3605.45	3605.43	3606.23	3605.67	3611.79	3610.76	3609.97	3609.65	3609.14
MW-15				3608.42	3608.43	3608.43	3608.41	3608.41	3608.40	3608.38	3608.50	3608.44	3612.56	3611.89	3611.16	3610.76	3610.34
MW-16				3592.88	3593.10	3592.88	3592.87	NM	3592.82	3592.84	3593.38	3592.80	3599.29	3597.48	3596.30	3595.94	3595.31
MW-17				3592.92	3593.17	3592.98	3592.72	NM	3592.89	3592.92	3593.32	3592.79	3598.09	3596.63	3595.64	3595.40	3594.95
MW-18				3600.19	3600.42	3600.24	3599.91	3600.04	3600.06	3600.08	3600.75	3600.04	3608.31	3605.89	3604.61	3604.28	3603.66
MW-19				3599.70	3600.05	3599.78	3599.45	3599.64	3599.67	3599.70	3600.31	3599.54	3608.59	3605.42	3604.04	3603.66	3603.16
MW-20				3605.44	3605.32	3605.26	3605.14	3605.09	3605.04	3604.99	3605.41	3605.13	3607.53	3608.64	3608.40	3608.35	3608.10
MW-21				3606.29	3606.26	3606.22	3606.06	3606.04	3606.02	3606.00	3606.70	3606.26	3612.20	3611.41	3610.68	3610.35	3609.88
MW-22				3605.80	3605.81	3605.73	3605.45	3605.44	3605.43	3605.41	3606.22	3605.63	3612.25	3610.82	3609.96	3609.61	3609.19
MW-23				3607.55	3607.50	3607.46	3607.26	3607.24	3607.21	3607.19	3607.82	3606.41	3612.30	3611.56	3610.86	3610.48	3610.03
MW-24					3587.76	3587.66	3587.47	NM	3587.56	3587.56	3588.04	3587.63	3591.98	3590.90	3590.27	3590.03	3589.56
MW-25					3611.96	3611.94	3611.89	3611.86	3611.84	3611.81	3612.12	3611.97	3614.74	3614.78	3614.21	3613.85	3613.45
MW-26					3609.37	3609.36	3609.20	3609.18	3609.14	3609.13	3609.62	3609.35	3613.57	3613.19	3612.51	3612.15	3611.72
MW-27					3606.23	3606.17	3605.86	3606.09	3605.85	3605.81	3606.67	3606.04	3612.69	3611.43	3610.66	3610.44	3609.96

Notes: 1)All units in feet, 2) NM: well not gauged; 3) blank cell: well not installed at time of sampling.

Table 2 - (Continued)

Well	3/13/06	6/19/06	9/26/06	12/18/06
MW-1	3600.48	3600.25	3603.67	3601.75
MW 1D	3596.94	3596.68	3597.10	3598.20
MW-2	3600.76	3600.56	3603.64	3601.90
MW-3	3600.89	3600.66	3604.12	3602.17
MW-4	3601.46	3601.09	3604.94	3603.24
MW-5	3602.14	3601.75	3605.18	3603.35
MW-6	3605.78	3605.44	3608.19	3607.17
MW-7	3605.73	3605.48	3607.37	3606.98
MW-8	3605.14	3604.86	3607.57	3606.20
MW-9	3604.07	3603.62	3606.52	3605.11
MW-10	3606.78	3606.50	3608.52	3607.46
MW-11	3606.33	3606.08	3608.10	3607.09
MW-12	3607.51	3607.30	3608.89	3608.16
MW-13	3608.25	3607.88	NM	3609.11
MW-14	3608.94	3608.61	3611.14	3610.00
MW-15	3610.12	3609.86	3612.10	3611.25
MW-16	3595.09	3594.68	3598.15	3596.44
MW-17	3594.79	3594.42	3597.01	3595.83
MW-18	3603.43	3602.93	3606.40	3604.76
MW-19	3602.91	3602.29	3605.78	3604.21
MW-20	3607.97	3607.78	3608.75	3608.54
MW-21	3609.63	3609.35	3611.76	3610.66
MW-22	3608.94	3608.58	3611.13	3609.90
MW-23	3609.8	3609.50	3611.78	3610.80
MW-24	3589.34	3589.11	3591.39	3590.34
MW-25	3613.29	3613.09	3614.71	3614.13
MW-26	3611.50	3611.23	3613.36	3612.51
MW-27	3609.74	3609.37	3611.84	3610.60
MW-28	3611.56	3611.17	3613.64	3612.78
MW-29	3610.05	3609.81	3612.08	3611.17
MW-30	3608.94	3608.56	3611.05	3610.11
MW-31	3607.26	3606.82	3609.69	3608.45

Notes: 1)All units in feet, 2) NM: well not gauged; 3) blank cell: well not installed at time of sampling.

Table 2 - Groundwater Elevations Corrected for Free Product When Present (continued)

Well	12/9/03	1/12/04	3/22/04	6/21/04	9/20/04	12/10/04	3/21/05	6/27/05	9/30/05	12/20/05	3/13/06	6/19/06	9/26/06	12/18/06
MW-A	3594.96	3594.95	3594.94	3595.55	3595.06	3600.83	3599.07	3597.04	3596.77	3598.00	3595.18	3596.60	3600.08	3598.16
MW-E	3598.83	3598.84	3598.85	3599.44	3598.79	3605.89	3603.43	3602.31	3602.08	3601.50	3601.36	3600.91	3604.15	3602.52
MW-F	3598.96	3598.99	3599.02	3599.58	3598.83	3606.67	3603.78	3600.55	3600.23	3602.16	3599.71	3601.43	3604.67	3603.06
MW-I	3602.15	3602.17	3602.16	3602.89	3602.27	3608.89	3607.51	3606.61	3606.33	3605.77	3605.52	3605.09	3608.00	3606.59
MW-J	3601.61	3601.67	3601.63	3602.34	3601.65	3609.62	3607.73	3606.57	3606.10	3605.49	3605.16	3604.60	3608.27	3606.02
MW-M	3605.18	3605.16	3605.12	3605.92	3605.36	3611.15	3610.24	3609.66	3609.39	3608.95	3608.79	3608.20	3610.85	3609.66
MW-N	3605.11	3605.10	3605.05	3605.93	3605.29	3611.89	3610.67	3609.89	3609.65	3609.19	3608.96	3608.59	3611.06	3609.83
MW-O	3605.10	3605.08	3605.06	3605.92	3605.28	3611.87	3610.65	3609.85	3609.62	3609.16	3608.94	3608.58	3611.03	3609.80
MW-Q	3606.03	3606.01	3605.99	3606.84	3606.19	3612.82	3611.46	3610.67	3610.45	3610.03	3609.82	3609.45	3611.88	3610.62
MW-S	3604.92	3604.91	3604.90	3605.73	3605.08	3611.91	3610.27	3609.42	3609.19	3608.79	3607.74	3607.35	3609.79	3608.55
MW-CC	3605.16	3605.14	3605.09	3605.98	3605.337	3611.95	3610.71	3610.44	3609.71	3609.24	3610.03	3608.65	3611.61	3609.89
MW-EE	3607.61	3607.59	3607.54	3608.18	3607.83	3612.61	3611.87	3611.10	3610.76	3610.30	3610.08	3609.78	3612.09	3611.10
MW-LL	3605.10	3605.08	3605.05	3605.92	3605.27	3611.87	3610.69	3609.91	3609.67	3609.21	3608.99	3608.61	3611.04	3609.86
MW-MM	3606.65	3606.62	3606.60	3607.35	3606.85	3612.49	3611.65	3610.98	3610.60	3610.12	3608.91	3608.61	3612.09	3610.96
NMG MW2	3616.89	3616.84	3618.06	3617.25	3621.74	3621.27	3620.90	3620.42	3619.98	3619.98	3619.69	3619.34	3621.18	3620.67
NMG MW3	3619.94	3619.89	3620.43	3620.09	3623.70	3623.41	3622.92	3622.29	3621.88	3621.88	3621.60	3621.34	3622.82	3622.54
NMG MW4	3615.57	3615.52	3616.34	3615.86	3618.78	3619.40	3619.11	3618.75	3618.42	3618.42	3618.16	3617.85	3617.15	3619.08
NMG MW5						NM	3620.44	3619.82	3619.36	3619.36	3619.07	3618.69	3620.56	3620.12
NMG MW6						3620.44	3619.85	3619.17	3618.68	3618.68	3618.37	3617.94	3620.12	3619.43
NMG MW7						3619.27	3618.71	3617.99	3617.46	3617.46	3617.13	3616.71	3619.16	3618.32
NMG MW8						3619.91	3619.35	3618.70	3618.25	3618.25	3617.95	3617.55	3619.71	3619.00
NMG MW9						3618.95	3618.30	3617.59	3617.01	3617.01	3616.66	3616.22	3618.78	3617.92
NMG MW10									3617.13	3617.13	3616.79	3616.35	3618.87	3618.03
NMG MW11									3616.49	3616.49	3616.20	3615.74	3618.39	3617.47
NMG MW12									3614.71	3614.71	3614.34	3613.85	3616.52	3615.63
NMG MW13									3614.53	3614.53	3614.22	3613.74	3616.31	3615.44

Notes: All units in feet
NM: well not gauged
Blank cell: well not installed at time of sampling.
See text for discussion of corrections for free phase hydrocarbons
Wells that were plugged and abandoned in November 2005 were deleted from this table

Table 3 – Measured Free Phase Hydrocarbon Thicknesses

Well	10/10/02	2/22/03	6/04/03	9/24/03	12/09/03	1/12/04	3/22/04	6/21/04	9/20/04	12/10/04	3/21/05	6/27/05	9/30/05	12/20/05	3/13/06	6/19/06
MW-8	0.00	0.00	0.30	0.47	0.50	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-11	0.01	1.35	1.36	1.33	1.40	1.41	1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-18	0.00	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-23	0.58	0.57	0.59	0.56	0.52	0.54	0.41	0.24	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-26		0.71	0.84	0.21	0.05	0.02	0.02	0.01	0.03	0.00	0.00	0.00	0.00	0.01	0.01	0.01
MW-27		1.25	1.26	1.18	0.37	1.16	1.11	1.09	1.08	0.72	0.86	1.00	0.81	0.92	1.05	1.03
MW-N					1.10	1.10	1.09	0.99	1.00	0.00	0.82	1.80	0.00	0.00	0.49	0.60
MW-CC					1.20	1.20	1.20	1.10	1.13	0.00	0.00	0.00	0.98	0.96	0.01	0.01
MW-EE					0.27	0.26	0.21	0.14	0.03	0.00	0.00	0.44	0.83	0.55	0.46	0.35
MW-LL					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.92	0.00	0.79

Well	9/26/06	12/18/06
MW-8	0.00	0.00
MW-11	0.00	0.00
MW-18	0.00	0.00
MW-23	0.00	0.00
MW-26	0.00	0.01
MW-27	0.06	0.53
MW-N	0.28	0.23
MW-CC	0.52	0.80
MW-EE	0.11	0.06
MW-LL	0.22	0.48

Notes: All units are feet.
Blank cell: well not installed at time of sampling.

Table 4 – Summary of Deceember 2006 BTEX Analyses

Well	Benzene	Toluene	Ethylbenzene	p/m Xylenes	o Xylenes
MW-1	0.127	0.0926	0.0141	0.00501	0.202
MW-1d	<0.001	<0.001	<0.001	<0.001	<0.001
MW-4	0.117	0.224	0.536	0.154	0.643
MW-5	0.0117	0.00162	0.0023	0.00082	0.00326
MW-5 DUP	0.0122	0.00189	0.0021	0.00066	0.00093
MW-6	0.0281	0.00716	0.0047	<0.001	0.033
MW-8	0.389	0.0414	0.0579	0.0257	0.0966
MW-9	<0.001	<0.001	<0.001	<0.001	<0.001
MW-10	0.314	0.0202	0.004	<0.01	0.0278
MW-11	3.06	0.186	0.386	0.195	0.627
MW-12	16.7	0.271	0.71	<0.1	0.168
MW-14	0.0033	<0.001	0.0006	<0.001	<0.001
MW-16	<0.001	<0.001	<0.001	<0.001	<0.001
MW-17	<0.001	<0.001	<0.001	<0.001	<0.001
MW-18	0.0235	0.0132	0.0072	0.00136	0.0191
MW-18 DUP	0.0051	0.00261	0.0017	0.00062	0.00395
MW-19	<0.001	<0.001	<0.001	<0.001	<0.001
MW-22	<0.001	<0.001	<0.001	<0.001	<0.001
MW-23	0.429	0.119	0.0165	<0.025	0.145
MW-24	<0.001	<0.001	<0.001	<0.001	<0.001
MW-25	<0.001	<0.001	<0.001	<0.001	<0.001
MW-28	<0.001	<0.001	<0.001	<0.001	<0.001
MW-29	0.0029	0.000232	0.0006	<0.001	0.000938
MW-30	<0.001	<0.001	<0.001	<0.001	<0.001
MW-31	<0.001	<0.001	<0.001	<0.001	<0.001

Notes: All units mg/l
FPH: Free phase hydrocarbons present no groundwater sample collected

Table 4 – Summary of December 2006 BTEX Analyses (continued)

Well	Benzene	Toluene	Ethylbenzene	p/m Xylenes	o Xylenes
MW-A	0.101	0.121	0.0801	0.0605	0.22
MW-E	0.0198	0.00147	0.0014	<0.001	0.0029
MW-F	0.001	<0.001	<0.001	<0.001	<0.001
MW-I	0.0212	0.00477	0.0043	0.0011	0.00552
MW-J	0.0011	0.000203	0.0004	0.00055	0.00152
MW-M	23	0.394	2.96	0.163	0.266
MW-O	1.19	0.0376	<0.1	0.0854	0.0745
MW-Q	2.57	0.146	0.011	<0.02	0.0846
MW-S	<0.001	<0.001	<0.001	<0.001	<0.001
MW-MM	0.468	0.0872	0.0079	<0.005	0.0527
House	0.0008	0.000314	0.0015	0.00057	0.000765
Irrigation	0.0626	0.0448	0.0262	0.0124	0.078
NMG MW-2	<0.001	<0.001	<0.001	<0.001	<0.001
NMG MW-3	<0.001	<0.001	<0.001	<0.001	<0.001
NMG MW-4	<0.001	<0.001	<0.001	<0.001	<0.001
NMG MW-5	14.4	0.0207	<0.025	<0.025	0.275
NMG MW-6	1.27	0.286	<0.025	<0.025	0.0126
NMG MW-7	0.0131	0.0126	0.0049	0.0011	0.00714
NMG MW-8	0.0142	0.00749	<0.01	<0.01	<0.01
NMG MW-9	0.0865	<0.005	<0.005	<0.005	<0.005
NMG MW-10	1.11	0.369	0.0304	0.0865	0.5
NMG MW-11	<0.001	<0.001	<0.001	<0.001	0.00105
NMG MW-12	0.346	0.0514	0.0045	<0.005	<0.005
NMG MW-13	<0.001	<0.001	<0.001	<0.001	<0.001
NMG MW-13 Dup	0.0006	0.00061	0.0012	0.0009	0.00159

Notes: All units mg/l
FPH: Free phase hydrocarbons present no groundwater sample collected

Table 5 – December 2006 Quality Assurance Evaluation

Duplicate Sample Evaluation Relative Percentage Difference

	Benzene	Ethylbenzene	Toluene	Xylene (o)	Xylene (p/m)
MW-5	0.0117	0.00162	0.00233	0.000821	0.00326
MW-5 DUP	0.0122	0.00189	0.00212	0.000656	0.00093
	-4.2%	-15.4%	9.4%	22.3%	111.2%
MW-18	0.0235	0.0132	0.0072	0.00136	0.0191
MW-18 DUP	0.00505	0.00261	0.00167	0.000624	0.00395
	129.2%	134.0%	124.7%	74.2%	131.5%
NMG MW-13	<0.001	<0.001	<0.001	<0.001	<0.001
NMG MW-13 Dup	0.000637	0.00061	0.0012	0.000902	0.00159
	NA	NA	NA	NA	NA

NA: Test not applicable because the sample results were below the method reporting limit

Matrix Spike Results

Sample	Type	Benzene	Toluene	Ethylbenzene	p/m Xylenes	o Xylenes
NMG-MW-3	MS	103	99.8	88.8	92.2	83.8
	MSD	108	108	97.8	94.3	80.4
MW-30	MS	103	106	108	106	98.8
	MSD	98	104	108	109	98.4
MW-1d	MS	93.6	97.8	93.6	108	103
	MSD	117	120	116	120	119

Percent recovery limits are 80% to 120%
MS: matrix spike
MSD: matrix spike duplicate

FIGURES

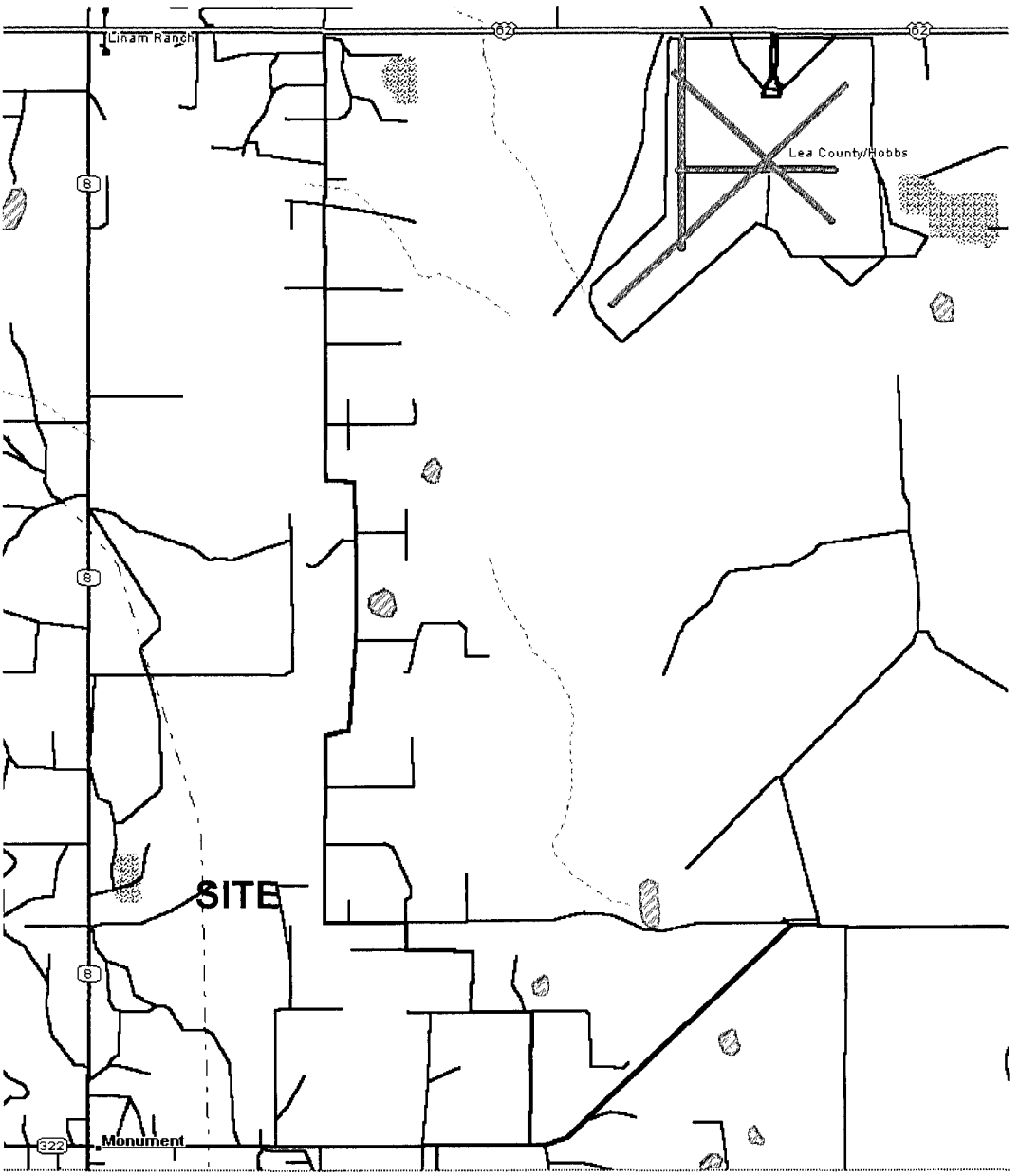
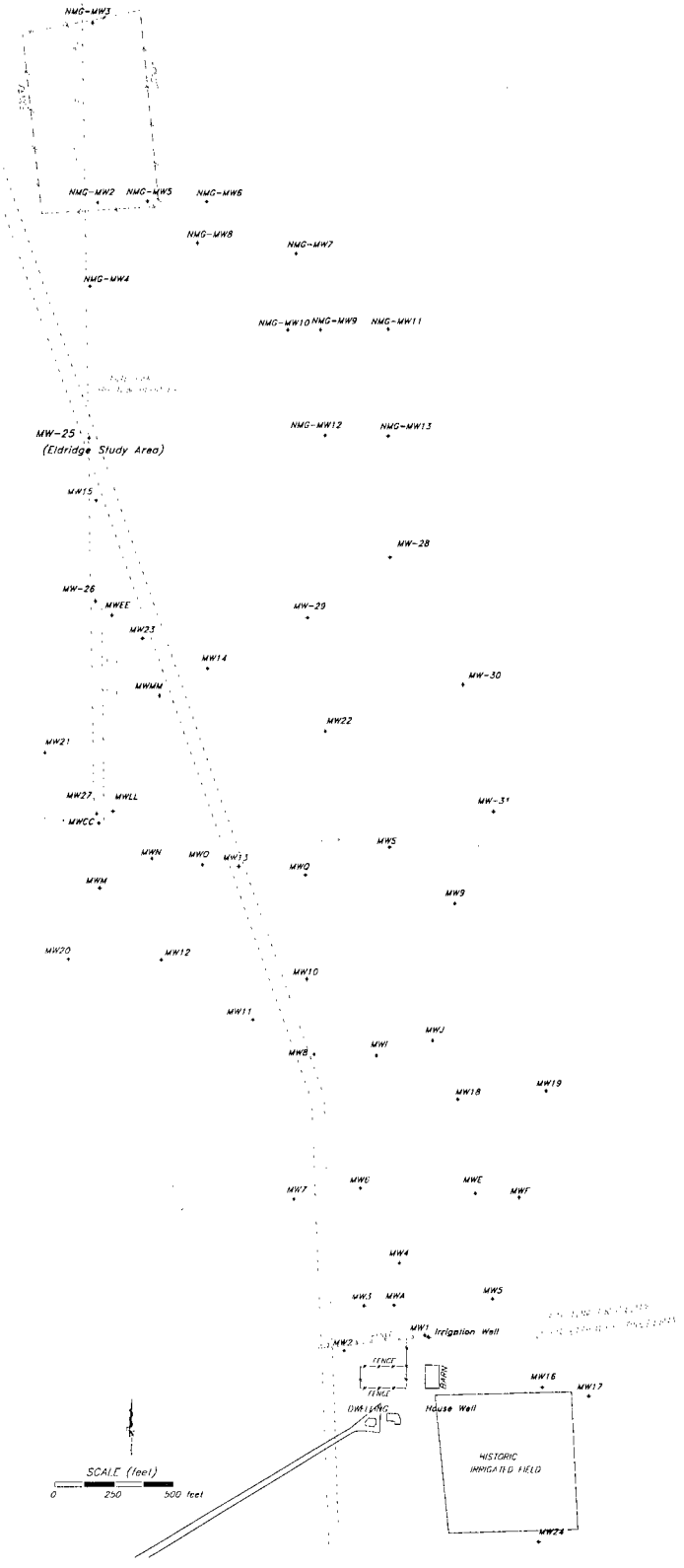


Figure 1 – Site Location Map
DCP Eldridge Study Area

dcp Midstream

DRAWN BY: MHS
REVISED:
DATE: 1/07



Note:
Wells shown in blue are used for fluid measurement only

Figure 2 - Monitoring Well and Pipeline Locations

DCP Eldridge Study Area

DCP Midstream.

DRAWN BY: MHS

DATE: 1/07

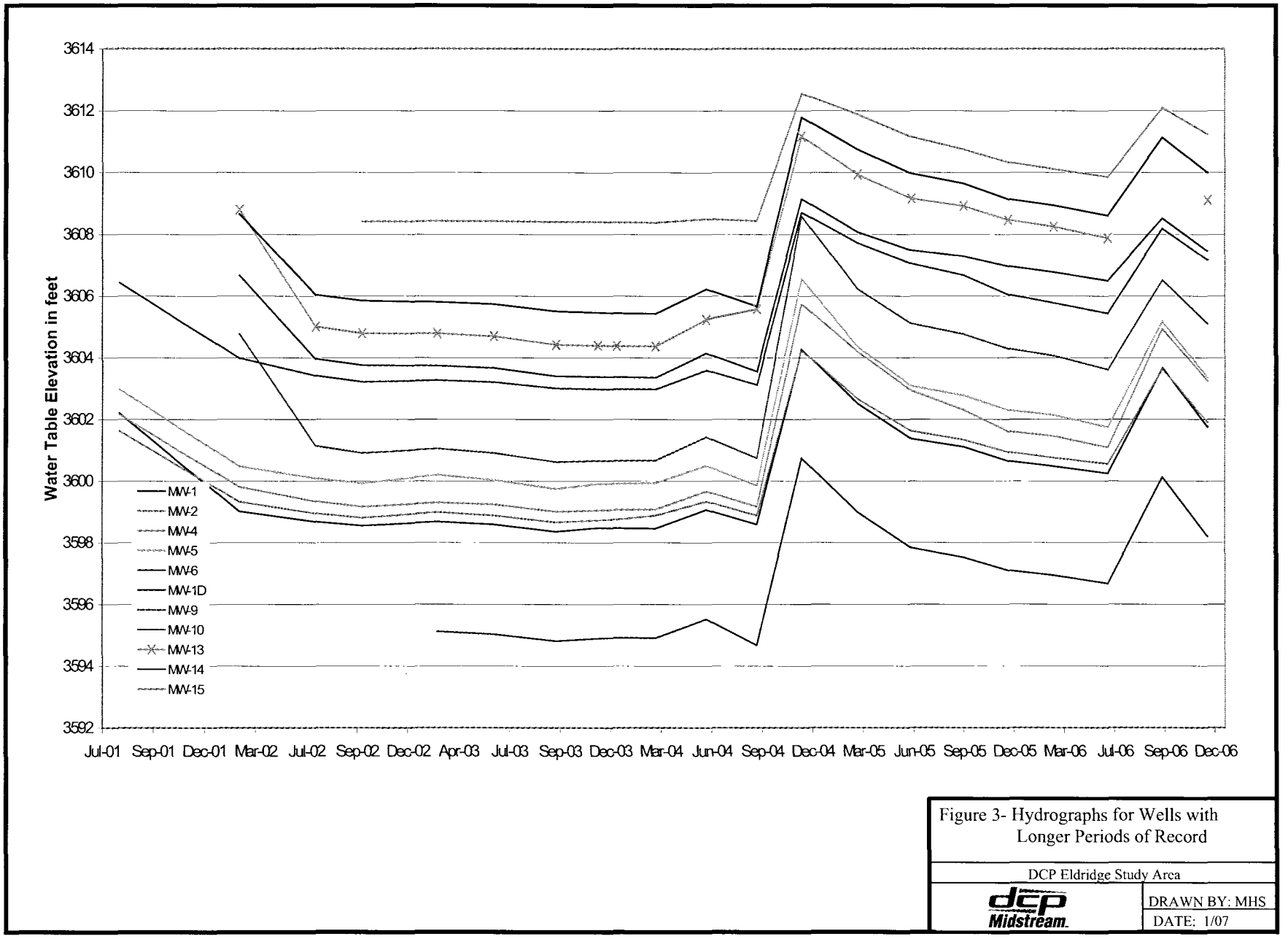


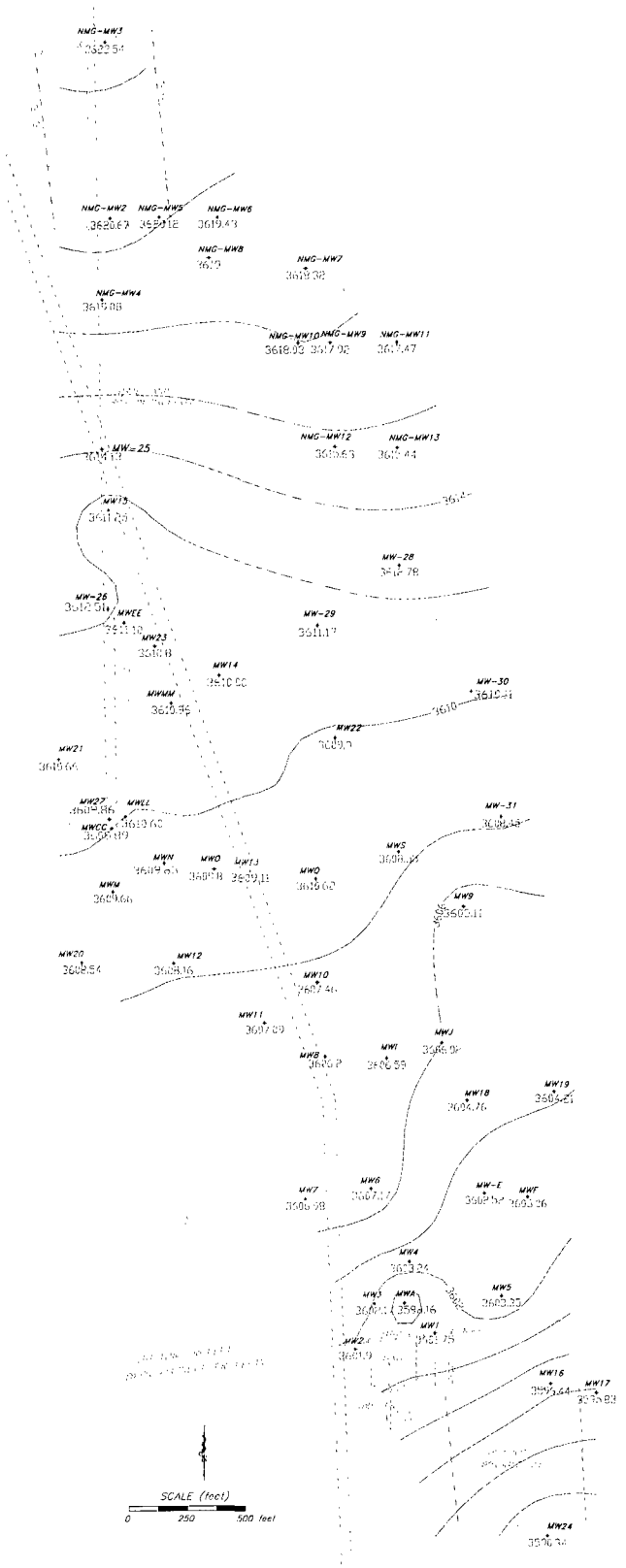
Figure 3- Hydrographs for Wells with Longer Periods of Record

DCP Eldridge Study Area

dcp Midstream

DRAWN BY: MHS

DATE: 1/07



Contour interval is 2 feet
Wells shown in blue are used for fluid measurement only

Figure 4 – December 2006 Water Table Contours

DCP Eldridge Study Area

DCP Midstream.

DRAWN BY: MHS

DATE: 1/07

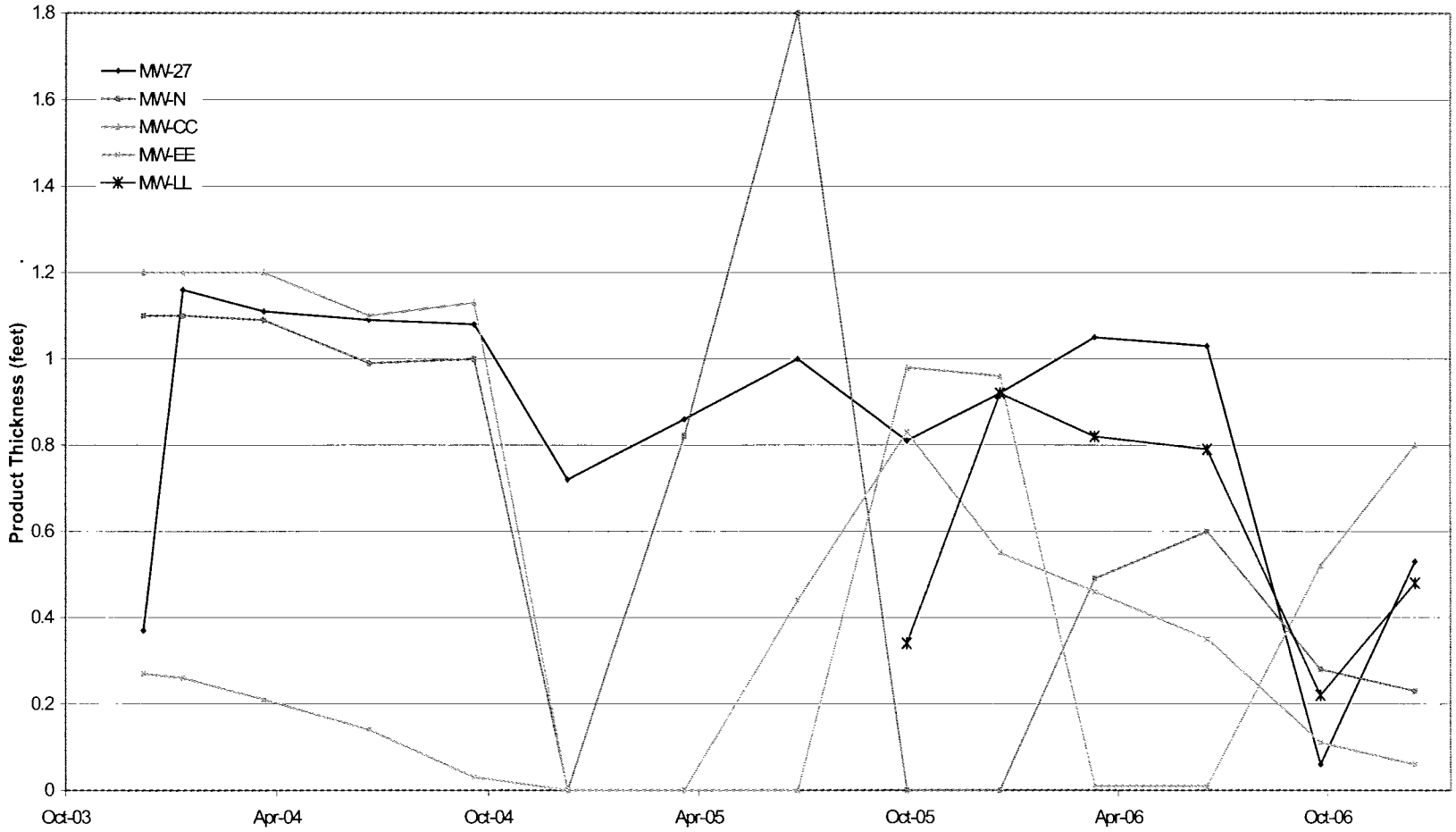


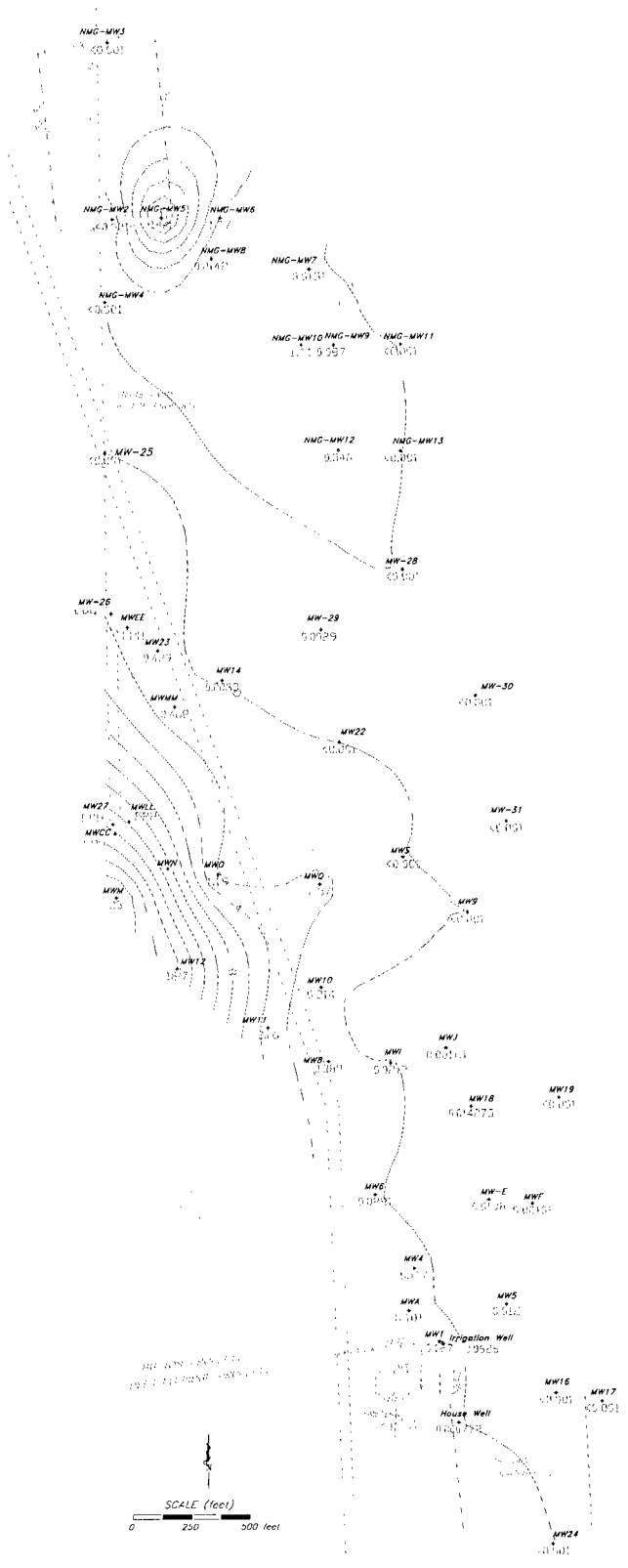
Figure 5 – Free Phase Hydrocarbon Thickness

DCP Eldridge Study Area

dcp Midstream.

DRAWN BY: MHS

DATE: 1/07



NOTES

1) Contour interval is 2 mg/l
2) Wells containing free phase hydrocarbons are denoted as FPH and were not sampled
3) Duplicate values were averaged together

Figure 6 – December 2006 Benzene Isopleths

DCP Eldridge Study Area

DCP Midstream.

DRAWN BY: MHS

DATE: 1/07

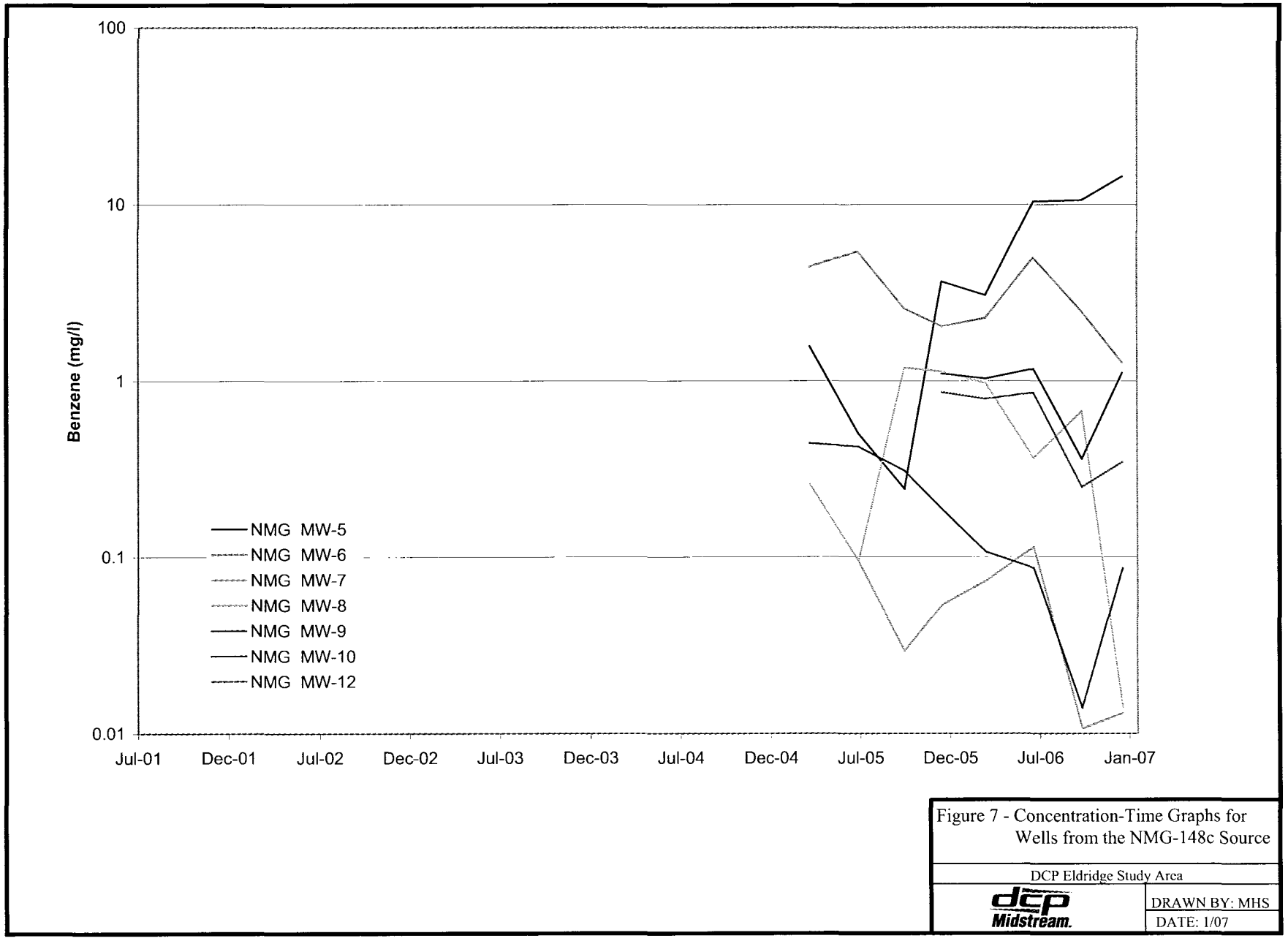


Figure 7 - Concentration-Time Graphs for Wells from the NMG-148c Source

DCP Eldridge Study Area

dcp Midstream.

DRAWN BY: MHS

DATE: 1/07

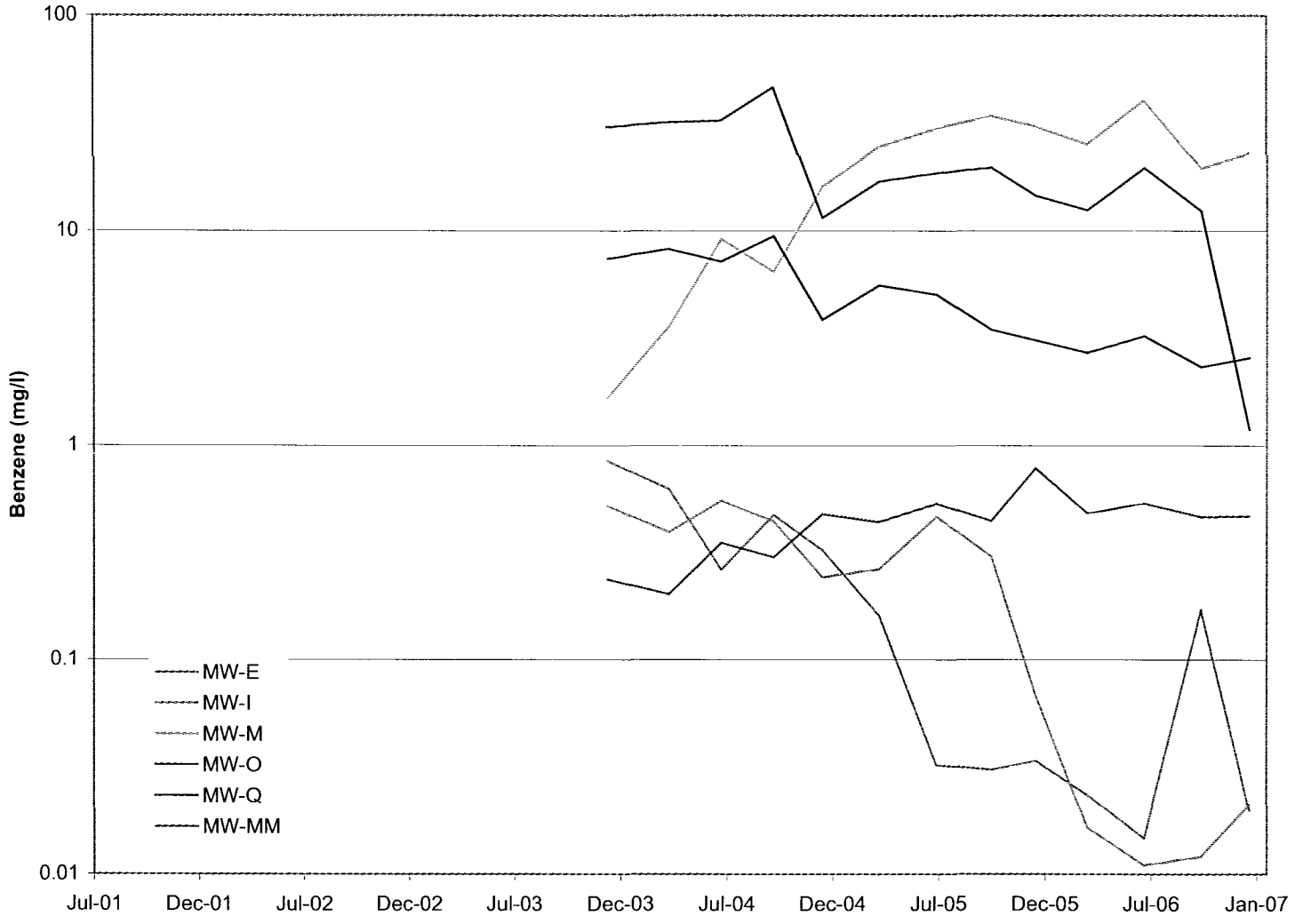


Figure 8 - Concentration-Time Graphs for the Central Area.

DCP Eldridge Study Area

dcp Midstream.

DRAWN BY: MHS

DATE: 1/07

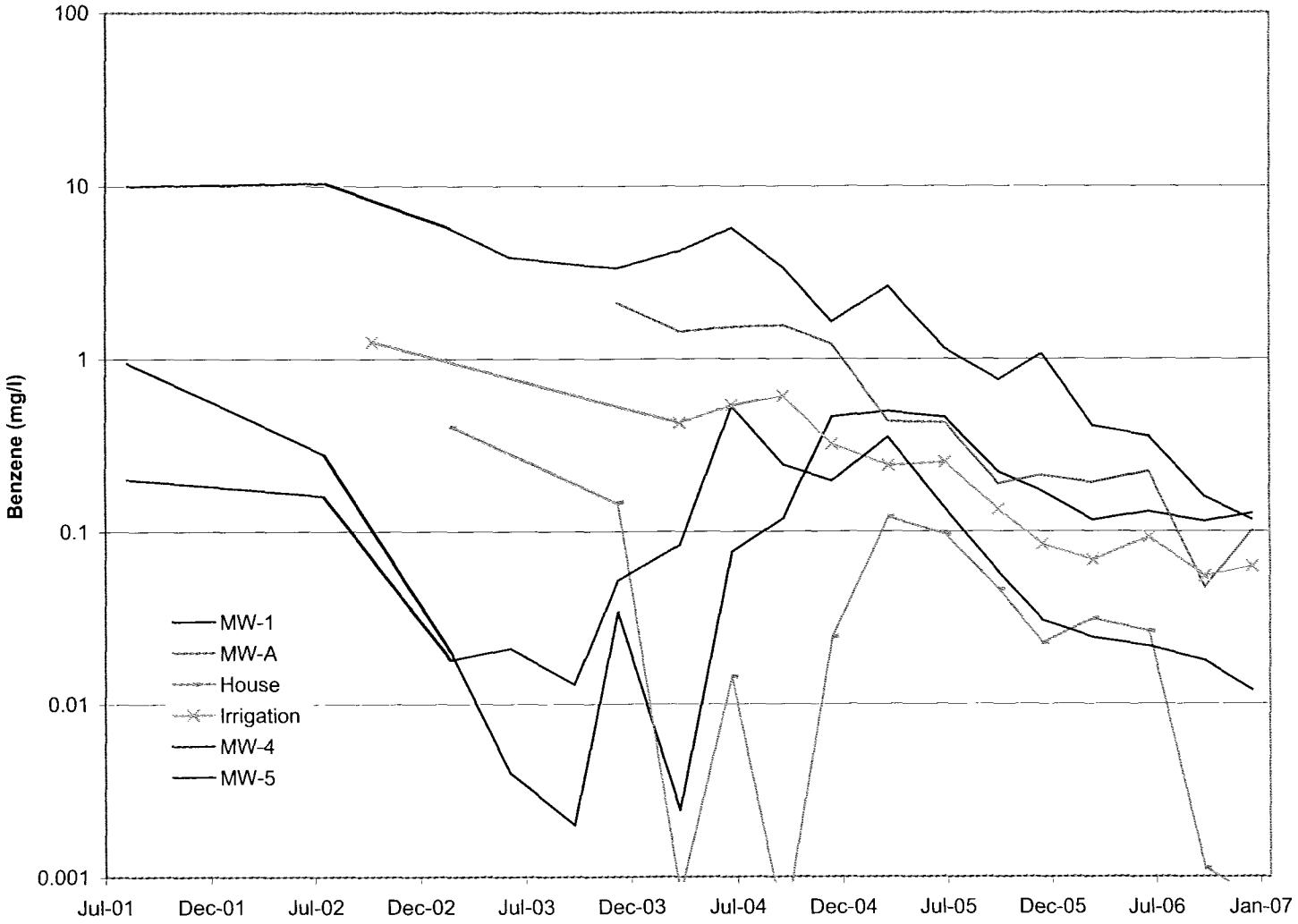


Figure 9 - Concentration-Time Graphs for Wells Within or North of the DCP Eldridge Property

DCP Eldridge Study Area

DRAWN BY: MHS

DATE: 1/07

ATTACHMENT A

ANALYTICAL LABORATORY REPORT

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Michael Stewart

American Envionmental Consultants

6885 South Marshall St., Ste. 3

Littleton, CO 80128

Project: DEFS-DEFS (Eldridge) Ranch

Project Number: None Given

Location: Lea County, NM

Lab Order Number: 6L22002

Report Date: 01/02/07

American Envionmental Consultants
6885 South Marshall St., Ste. 3
Littleton CO, 80128

Project: DEFS-DEFS (Eldridge) Ranch
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
NMG-3 (0612181352)	6L22002-01	Water	12/18/06 13:52	12-22-2006 07:55
NMG-2 (0612181421)	6L22002-02	Water	12/18/06 14:21	12-22-2006 07:55
MW-24 (0612181435)	6L22002-03	Water	12/18/06 14:35	12-22-2006 07:55
NMG-5 (0612181456)	6L22002-04	Water	12/18/06 14:56	12-22-2006 07:55
MW-17 (0612181510)	6L22002-05	Water	12/18/06 15:10	12-22-2006 07:55
NMG-6 (0612181529)	6L22002-06	Water	12/18/06 15:29	12-22-2006 07:55
MW-16 (0612181535)	6L22002-07	Water	12/18/06 15:35	12-22-2006 07:55
NMG-8 (0612181551)	6L22002-08	Water	12/18/06 15:51	12-22-2006 07:55
MW-F (0612181610)	6L22002-09	Water	12/18/06 16:10	12-22-2006 07:55
NMG-7 (0612181629)	6L22002-10	Water	12/18/06 16:29	12-22-2006 07:55
MW-19 (0612181635)	6L22002-11	Water	12/18/06 16:35	12-22-2006 07:55
NMG-10 (0612181710)	6L22002-12	Water	12/18/06 17:01	12-22-2006 07:55
MW-9 (0612181710)	6L22002-13	Water	12/18/06 17:10	12-22-2006 07:55
NMG-9 (0612181728)	6L22002-14	Water	12/18/06 17:28	12-22-2006 07:55
MW-S (0612181740)	6L22002-15	Water	12/18/06 17:40	12-22-2006 07:55
NMG-11 (0612181751)	6L22002-16	Water	12/18/06 17:51	12-22-2006 07:55
MW-22 (0612181810)	6L22002-17	Water	12/18/06 18:10	12-22-2006 07:55
NMG-4 (0612190804)	6L22002-18	Water	12/19/06 08:04	12-22-2006 07:55
MW-10 (0612190805)	6L22002-19	Water	12/19/06 08:05	12-22-2006 07:55
NMG-12 (0612190833)	6L22002-20	Water	12/19/06 08:33	12-22-2006 07:55
MW-Q (0612190840)	6L22002-21	Water	12/19/06 08:40	12-22-2006 07:55
NMG-13 (0612190901)	6L22002-22	Water	12/19/06 09:01	12-22-2006 07:55
MW-O (0612190920)	6L22002-23	Water	12/19/06 09:20	12-22-2006 07:55
MW-25 (0612190937)	6L22002-24	Water	12/19/06 09:37	12-22-2006 07:55
MW-M (0612191005)	6L22002-25	Water	12/19/06 10:05	12-22-2006 07:55
MW-23 (0612191024)	6L22002-26	Water	12/19/06 10:24	12-22-2006 07:55
MW-MM (0612191053)	6L22002-27	Water	12/19/06 10:53	12-22-2006 07:55
MW-12 (0612191105)	6L22002-28	Water	12/19/06 11:05	12-22-2006 07:55
MW-11 (0612191220)	6L22002-29	Water	12/19/06 12:20	12-22-2006 07:55
MW-29 (0612191227)	6L22002-30	Water	12/19/06 12:27	12-22-2006 07:55
MW-8 (0612191245)	6L22002-31	Water	12/19/06 12:45	12-22-2006 07:55
MW-28 (0612191256)	6L22002-32	Water	12/19/06 12:56	12-22-2006 07:55
MW-I (0612191320)	6L22002-33	Water	12/19/06 13:20	12-22-2006 07:55
MW-30 (0612191329)	6L22002-34	Water	12/19/06 13:29	12-22-2006 07:55

American Envionmental Consultants
6885 South Marshall St., Ste. 3
Littleton CO, 80128

Project: DEFS-DEFS (Eldridge) Ranch
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-J (0612191350)	6L22002-35	Water	12/19/06 13:50	12-22-2006 07:55
MW-31 (0612191354)	6L22002-36	Water	12/19/06 13:54	12-22-2006 07:55
MW-18 (0612191420)	6L22002-37	Water	12/19/06 14:20	12-22-2006 07:55
MW-14 (0612191426)	6L22002-38	Water	12/19/06 14:26	12-22-2006 07:55
MW-E (0612191455)	6L22002-39	Water	12/19/06 14:55	12-22-2006 07:55
MW-6 (0612191501)	6L22002-40	Water	12/19/06 15:01	12-22-2006 07:55
MW-4 (0612191526)	6L22002-41	Water	12/19/06 15:26	12-22-2006 07:55
MW-1 (0612191530)	6L22002-42	Water	12/19/06 15:30	12-22-2006 07:55
MW-5 (0612191554)	6L22002-43	Water	12/19/06 15:54	12-22-2006 07:55
DMW-01 (0612191615)	6L22002-44	Water	12/19/06 16:15	12-22-2006 07:55
MW-A (0612191631)	6L22002-45	Water	12/19/06 16:31	12-22-2006 07:55
Duplicate A (0612191730)	6L22002-46	Water	12/19/06 17:30	12-22-2006 07:55
Duplicate B (0612191800)	6L22002-47	Water	12/19/06 18:00	12-22-2006 07:55
Duplicate C (0612191830)	6L22002-48	Water	12/19/06 18:30	12-22-2006 07:55
Irrigation (0612201440)	6L22002-49	Water	12/20/06 14:40	12-22-2006 07:55
House (0612201545)	6L22002-50	Water	12/20/06 15:45	12-22-2006 07:55
Trip Blank	6L22002-51	Water	12/20/06 00:00	12-22-2006 07:55

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NMG-3 (0612181352) (6L22002-01) Water									
Benzene	ND	0.00100	mg/L	1	EL62216	12/22/06	12/26/06	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		*112 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		"	"	"	"	
NMG-2 (0612181421) (6L22002-02) Water									
Benzene	ND	0.00100	mg/L	1	EL62216	12/22/06	12/26/06	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		*97.5 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		"	"	"	"	
MW-24 (0612181435) (6L22002-03) Water									
Benzene	ND	0.00100	mg/L	1	EL62301	12/23/06	12/26/06	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		*120 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		"	"	"	"	
NMG-5 (0612181456) (6L22002-04) Water									
Benzene	**14.4**	0.0250	mg/L	25	EL62216	12/23/06	12/26/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	**J [0.0207]**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.275**	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*122 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*96.8 %*	*80-120*		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-17 (0612181510) (6L22002-05) Water									
Benzene	ND	0.00100	mg/L	1	EL62301	12/23/06	12/26/06	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		*118 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*117 %*	*80-120*		"	"	"	"	
NMG-6 (0612181529) (6L22002-06) Water									
Benzene	**1.27**	0.0250	mg/L	25	EL62301	12/23/06	12/26/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.286**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**J [0.0126]**	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*128 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*112 %*	*80-120*		"	"	"	"	
MW-16 (0612181535) (6L22002-07) Water									
Benzene	ND	0.00100	mg/L	1	EL62301	12/23/06	12/26/06	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		*120 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		"	"	"	"	
NMG-8 (0612181551) (6L22002-08) Water									
Benzene	**0.0142**	0.0100	mg/L	10	EL62301	12/23/06	12/26/06	EPA 8021B	
Toluene	**ND**	0.0100	"	"	"	"	"	"	
Ethylbenzene	**J [0.00749]**	0.0100	"	"	"	"	"	"	
Xylene (p/m)	**ND**	0.0100	"	"	"	"	"	"	
Xylene (o)	ND	0.0100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*116 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-F (0612181610) (6L22002-09) Water									
Benzene	**0.00101**	0.00100	mg/L	1	EL62301	12/23/06	12/26/06	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		*114 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		"	"	"	"	
NMG-7 (0612181629) (6L22002-10) Water									
Benzene	**0.0131**	0.00100	mg/L	1	EL62301	12/23/06	12/26/06	EPA 8021B	
Toluene	**0.00487**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.0126**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.00714**	0.00100	"	"	"	"	"	"	
Xylene (o)	**0.00110**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*132 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*124 %*	*80-120*		"	"	"	"	*S-04*
MW-19 (0612181635) (6L22002-11) Water									
Benzene	ND	0.00100	mg/L	1	EL62301	12/23/06	12/26/06	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		*105 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.5 %*	*80-120*		"	"	"	"	
NMG-10 (0612181710) (6L22002-12) Water									
Benzene	**1.11**	0.0100	mg/L	10	EL62301	12/23/06	12/26/06	EPA 8021B	
Toluene	**0.0304**	0.0100	"	"	"	"	"	"	
Ethylbenzene	**0.369**	0.0100	"	"	"	"	"	"	
Xylene (p/m)	**0.500**	0.0100	"	"	"	"	"	"	
Xylene (o)	**0.0865**	0.0100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*152 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*116 %*	*80-120*		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 (0612181710) (6L22002-13) Water									
Benzene	ND	0.00100	mg/L	1	EL62301	12/23/06	12/26/06	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		*100 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.5 %*	*80-120*		"	"	"	"	
NMG-9 (0612181728) (6L22002-14) Water									
Benzene	**0.0865**	0.00500	mg/L	5	EL62301	12/23/06	12/26/06	EPA 8021B	
Toluene	ND	0.00500	"	"	"	"	"	"	
Ethylbenzene	ND	0.00500	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00500	"	"	"	"	"	"	
Xylene (o)	ND	0.00500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*117 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*120 %*	*80-120*		"	"	"	"	
MW-S (0612181740) (6L22002-15) Water									
Benzene	ND	0.00100	mg/L	1	EL62301	12/23/06	12/26/06	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		*111 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		"	"	"	"	
NMG-11 (0612181751) (6L22002-16) Water									
Benzene	ND	0.00100	mg/L	1	EL62301	12/23/06	12/26/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.00105**	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*93.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.8 %*	*80-120*		"	"	"	"	

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MW-22 (0612181810) (6L22002-17) Water									
Benzene	ND	0.00100	mg/L	1	EL62301	12/23/06	12/26/06	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		*117 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.0 %*	*80-120*		"	"	"	"	
NMG-4 (0612190804) (6L22002-18) Water									
Benzene	ND	0.00100	mg/L	1	EL62301	12/23/06	12/26/06	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		*115 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.8 %*	*80-120*		"	"	"	"	
MW-10 (0612190805) (6L22002-19) Water									
Benzene	**0.314**	0.0100	mg/L	10	EL62301	12/23/06	12/26/06	EPA 8021B	
Toluene	**J [0.00404]**	0.0100	"	"	"	"	"	"	
Ethylbenzene	**0.0202**	0.0100	"	"	"	"	"	"	
Xylene (p/m)	**0.0278**	0.0100	"	"	"	"	"	"	
Xylene (o)	ND	0.0100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*127 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		"	"	"	"	
NMG-12 (0612190833) (6L22002-20) Water									
Benzene	**0.346**	0.00500	mg/L	5	EL62301	12/23/06	12/26/06	EPA 8021B	
Toluene	**J [0.00453]**	0.00500	"	"	"	"	"	"	
Ethylbenzene	**0.0514**	0.00500	"	"	"	"	"	"	
Xylene (p/m)	**ND**	0.00500	"	"	"	"	"	"	
Xylene (o)	ND	0.00500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*126 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*112 %*	*80-120*		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-Q (0612190840) (6L22002-21) Water									
Benzene	**2.57**	0.0200	mg/L	20	EL62301	12/23/06	12/26/06	EPA 8021B	
Toluene	**J [0.0110]**	0.0200	"	"	"	"	"	"	
Ethylbenzene	**0.146**	0.0200	"	"	"	"	"	"	
Xylene (p/m)	**0.0846**	0.0200	"	"	"	"	"	"	
Xylene (o)	ND	0.0200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*136 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*98.5 %*	*80-120*		"	"	"	"	
NMG-13 (0612190901) (6L22002-22) Water									
Benzene	ND	0.00100	mg/L	1	EL62301	12/23/06	12/27/06	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		*89.2 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*81.0 %*	*80-120*		"	"	"	"	
MW-O (0612190920) (6L22002-23) Water									
Benzene	**1.19**	0.100	mg/L	100	EL62301	12/23/06	12/27/06	EPA 8021B	
Toluene	ND	0.100	"	"	"	"	"	"	
Ethylbenzene	**J [0.0376]**	0.100	"	"	"	"	"	"	
Xylene (p/m)	**J [0.0745]**	0.100	"	"	"	"	"	"	
Xylene (o)	**J [0.0854]**	0.100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*125 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*122 %*	*80-120*		"	"	"	"	*S-04*
MW-25 (0612190937) (6L22002-24) Water									
Benzene	ND	0.00100	mg/L	1	EL62808	12/28/06	12/31/06	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		*100 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.5 %*	*80-120*		"	"	"	"	

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MW-M (0612191005) (6L22002-25) Water									
Benzene	**23.0**	0.100	mg/L	100	EL62808	12/28/06	12/30/06	EPA 8021B	
Toluene	**2.96**	0.100	"	"	"	"	"	"	
Ethylbenzene	**0.394**	0.100	"	"	"	"	"	"	
Xylene (p/m)	**0.266**	0.100	"	"	"	"	"	"	
Xylene (o)	**0.163**	0.100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*114 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		"	"	"	"	
MW-23 (0612191024) (6L22002-26) Water									
Benzene	**0.429**	0.0250	mg/L	25	EL62808	12/28/06	12/31/06	EPA 8021B	
Toluene	**J [0.0165]**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.119**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.145**	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*126 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		"	"	"	"	
MW-MM (0612191053) (6L22002-27) Water									
Benzene	**0.468**	0.00500	mg/L	5	EL62808	12/28/06	12/30/06	EPA 8021B	
Toluene	**0.00794**	0.00500	"	"	"	"	"	"	
Ethylbenzene	**0.0872**	0.00500	"	"	"	"	"	"	
Xylene (p/m)	**0.0527**	0.00500	"	"	"	"	"	"	
Xylene (o)	ND	0.00500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*126 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		"	"	"	"	
MW-12 (0612191105) (6L22002-28) Water									
Benzene	**16.7**	0.100	mg/L	100	EL62808	12/28/06	12/30/06	EPA 8021B	
Toluene	**0.710**	0.100	"	"	"	"	"	"	
Ethylbenzene	**0.271**	0.100	"	"	"	"	"	"	
Xylene (p/m)	**0.168**	0.100	"	"	"	"	"	"	
Xylene (o)	ND	0.100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		"	"	"	"	

American Envionmental Consultants
6885 South Marshall St., Ste. 3
Littleton CO, 80128

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Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-11 (0612191220) (6L22002-29) Water									
Benzene	**3.06**	0.100	mg/L	100	EL62808	12/28/06	12/30/06	EPA 8021B	
Toluene	**0.386**	0.100	"	"	"	"	"	"	
Ethylbenzene	**0.186**	0.100	"	"	"	"	"	"	
Xylene (p/m)	**0.627**	0.100	"	"	"	"	"	"	
Xylene (o)	**0.195**	0.100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*114 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*80-120*		"	"	"	"	
MW-29 (0612191227) (6L22002-30) Water									
Benzene	**0.00289**	0.00100	mg/L	1	EL62808	12/28/06	12/31/06	EPA 8021B	
Toluene	**J [0.000631]**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**J [0.000232]**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**J [0.000938]**	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*112 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		"	"	"	"	
MW-8 (0612191245) (6L22002-31) Water									
Benzene	**0.389**	0.00500	mg/L	5	EL62808	12/28/06	12/31/06	EPA 8021B	
Toluene	**0.0579**	0.00500	"	"	"	"	"	"	
Ethylbenzene	**0.0414**	0.00500	"	"	"	"	"	"	
Xylene (p/m)	**0.0966**	0.00500	"	"	"	"	"	"	
Xylene (o)	**0.0257**	0.00500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*552 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*109 %*	*80-120*		"	"	"	"	
MW-28 (0612191256) (6L22002-32) Water									
Benzene	ND	0.00100	mg/L	1	EL62808	12/28/06	12/29/06	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		*83.2 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83.5 %*	*80-120*		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-I (0612191320) (6L22002-33) Water									
Benzene	**0.0212**	0.00100	mg/L	1	EL62808	12/28/06	12/31/06	EPA 8021B	
Toluene	**0.00432**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.00477**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.00552**	0.00100	"	"	"	"	"	"	
Xylene (o)	**0.00110**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*108 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.5 %*	*80-120*		"	"	"	"	
MW-30 (0612191329) (6L22002-34) Water									
Benzene	ND	0.00100	mg/L	1	EL62808	12/28/06	12/31/06	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		*112 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		"	"	"	"	
MW-J (0612191350) (6L22002-35) Water									
Benzene	**0.00113**	0.00100	mg/L	1	EL62808	12/28/06	12/31/06	EPA 8021B	
Toluene	**I [0.000361]**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**I [0.000203]**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.00152**	0.00100	"	"	"	"	"	"	
Xylene (o)	**I [0.000547]**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*80-120*		"	"	"	"	
MW-31 (0612191354) (6L22002-36) Water									
Benzene	ND	0.00100	mg/L	1	EL62808	12/28/06	12/31/06	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		*95.8 %*	*80-120*		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-18 (0612191420) (6L22002-37) Water									
Benzene	**0.0235**	0.00100	mg/L	1	EL62808	12/28/06	12/31/06	EPA 8021B	
Toluene	**0.00720**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.0132**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.0191**	0.00100	"	"	"	"	"	"	
Xylene (o)	**0.00136**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*695 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*82.8 %*	*80-120*		"	"	"	"	
MW-14 (0612191426) (6L22002-38) Water									
Benzene	**0.00330**	0.00100	mg/L	1	EL62808	12/28/06	12/31/06	EPA 8021B	
Toluene	**J [0.000624]**	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**ND**	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*102 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.2 %*	*80-120*		"	"	"	"	
MW-E (0612191455) (6L22002-39) Water									
Benzene	**0.0198**	0.00100	mg/L	1	EL62808	12/28/06	12/31/06	EPA 8021B	
Toluene	**0.00137**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.00147**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.00290**	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*118 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*118 %*	*80-120*		"	"	"	"	
MW-6 (0612191501) (6L22002-40) Water									
Benzene	**0.0281**	0.00100	mg/L	1	EL62808	12/28/06	12/31/06	EPA 8021B	
Toluene	**0.00466**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.00716**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.0330**	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*146 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*96.8 %*	*80-120*		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (0612191526) (6L22002-41) Water									
Benzene	**0.117**	0.0100	mg/L	10	EL62808	12/28/06	12/31/06	EPA 8021B	
Toluene	**0.536**	0.0100	"	"	"	"	"	"	
Ethylbenzene	**0.224**	0.0100	"	"	"	"	"	"	
Xylene (p/m)	**0.643**	0.0100	"	"	"	"	"	"	
Xylene (o)	**0.154**	0.0100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*144 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*80-120*		"	"	"	"	
MW-1 (0612191530) (6L22002-42) Water									
Benzene	**0.127**	0.00500	mg/L	5	EL62808	12/28/06	12/31/06	EPA 8021B	
Toluene	**0.0141**	0.00500	"	"	"	"	"	"	
Ethylbenzene	**0.0926**	0.00500	"	"	"	"	"	"	
Xylene (p/m)	**0.202**	0.00500	"	"	"	"	"	"	
Xylene (o)	**0.00501**	0.00500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*156 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*87.8 %*	*80-120*		"	"	"	"	
MW-5 (0612191554) (6L22002-43) Water									
Benzene	**0.0117**	0.00100	mg/L	1	EL62808	12/28/06	12/31/06	EPA 8021B	
Toluene	**0.00233**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.00162**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.00326**	0.00100	"	"	"	"	"	"	
Xylene (o)	**J [0.000821]**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.8 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*114 %*	*80-120*		"	"	"	"	
DMW-01 (0612191615) (6L22002-44) Water									
Benzene	ND	0.00100	mg/L	1	EL63102	12/31/06	01/01/07	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		*87.5 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.2 %*	*80-120*		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-A (0612191631) (6L22002-45) Water									
Benzene	**0.101**	0.00100	mg/L	1	EL63102	12/31/06	01/01/07	EPA 8021B	
Toluene	**0.0801**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.121**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.220**	0.00100	"	"	"	"	"	"	
Xylene (o)	**0.0605**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*1400 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*111 %*	*80-120*		"	"	"	"	
Duplicate A (0612191730) (6L22002-46) Water									
Benzene	**J [0.000637]**	0.00100	mg/L	1	EL63102	12/31/06	01/01/07	EPA 8021B	
Toluene	**0.00120**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**J [0.000610]**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.00159**	0.00100	"	"	"	"	"	"	
Xylene (o)	**J [0.000902]**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.5 %*	*80-120*		"	"	"	"	
Duplicate B (0612191800) (6L22002-47) Water									
Benzene	**0.00505**	0.00100	mg/L	1	EL63102	12/31/06	01/01/07	EPA 8021B	
Toluene	**0.00167**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.00261**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.00395**	0.00100	"	"	"	"	"	"	
Xylene (o)	**J [0.000624]**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*109 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83.5 %*	*80-120*		"	"	"	"	
Duplicate C (0612191830) (6L22002-48) Water									
Benzene	**0.0122**	0.00100	mg/L	1	EL63102	12/31/06	01/02/07	EPA 8021B	
Toluene	**0.00212**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.00189**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**J [0.000930]**	0.00100	"	"	"	"	"	"	
Xylene (o)	**J [0.000656]**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*93.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.0 %*	*80-120*		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Irrigation (0612201440) (6L22002-49) Water									
Benzene	**0.0626**	0.00100	mg/L	1	EL63102	12/31/06	01/01/07	EPA 8021B	
Toluene	**0.0262**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**0.0448**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**0.0780**	0.00100	"	"	"	"	"	"	
Xylene (o)	**0.0124**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*845 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*99.0 %*	*80-120*		"	"	"	"	
House (0612201545) (6L22002-50) Water									
Benzene	**I [0.000772]**	0.00100	mg/L	1	EL63102	12/31/06	01/01/07	EPA 8021B	
Toluene	**0.00146**	0.00100	"	"	"	"	"	"	
Ethylbenzene	**I [0.000314]**	0.00100	"	"	"	"	"	"	
Xylene (p/m)	**I [0.000765]**	0.00100	"	"	"	"	"	"	
Xylene (o)	**I [0.000567]**	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*92.5 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.2 %*	*80-120*		"	"	"	"	
Trip Blank (6L22002-51) Water									
Benzene	ND	0.00100	mg/L	1	EL63102	12/31/06	01/02/07	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		*102 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*112 %*	*80-120*		"	"	"	"	

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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
Batch EL62216 - EPA 5030C (GC)										
Blank (EL62216-BLK1)				Prepared & Analyzed: 12/22/06						
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	*37.5*		*ug/l*	*40.0*		*93.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*33.1*		*"*	*40.0*		*82.8*	*80-120*			
LCS (EL62216-BS1)				Prepared & Analyzed: 12/22/06						
Benzene	0.0471	0.00100	mg/L	0.0500		94.2	80-120			
Toluene	0.0440	0.00100	"	0.0500		88.0	80-120			
Ethylbenzene	0.0530	0.00100	"	0.0500		106	80-120			
Xylene (p/m)	0.0851	0.00100	"	0.100		85.1	80-120			
Xylene (o)	0.0407	0.00100	"	0.0500		81.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*37.0*		*ug/l*	*40.0*		*92.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*33.1*		*"*	*40.0*		*82.8*	*80-120*			
Calibration Check (EL62216-CCV1)				Prepared: 12/22/06 Analyzed: 12/26/06						
Benzene	57.9		ug/l	50.0		116	80-120			
Toluene	59.2		"	50.0		118	80-120			
Ethylbenzene	58.1		"	50.0		116	80-120			
Xylene (p/m)	117		"	100		117	80-120			
Xylene (o)	54.1		"	50.0		108	80-120			
Surrogate: a,a,a-Trifluorotoluene	*46.7*		*"*	*40.0*		*117*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*41.7*		*"*	*40.0*		*104*	*80-120*			
Matrix Spike (EL62216-MS1)	**Source: 6L22001-05**			Prepared: 12/22/06 Analyzed: 12/27/06						
Benzene	0.0581	0.00100	mg/L	0.0500	ND	116	80-120			
Toluene	0.0584	0.00100	"	0.0500	ND	117	80-120			
Ethylbenzene	0.0550	0.00100	"	0.0500	ND	110	80-120			
Xylene (p/m)	0.106	0.00100	"	0.100	ND	106	80-120			
Xylene (o)	0.0461	0.00100	"	0.0500	ND	92.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	*44.6*		*ug/l*	*40.0*		*112*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*46.7*		*"*	*40.0*		*117*	*80-120*			

American Envionmental Consultants
6885 South Marshall St., Ste. 3
Littleton CO, 80128

Project: DEFS-DEFS (Eldridge) Ranch
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
Batch EL62216 - EPA 5030C (GC)										
Matrix Spike Dup (EL62216-MSD1)	**Source: 6L22001-05**			Prepared: 12/22/06 Analyzed: 12/27/06						
Benzene	0.0543	0.00100	mg/L	0.0500	ND	109	80-120	6.22	20	
Toluene	0.0537	0.00100	"	0.0500	ND	107	80-120	8.93	20	
Ethylbenzene	0.0524	0.00100	"	0.0500	ND	105	80-120	4.65	20	
Xylene (p/m)	0.0997	0.00100	"	0.100	ND	99.7	80-120	6.13	20	
Xylene (o)	0.0443	0.00100	"	0.0500	ND	88.6	80-120	3.98	20	
Surrogate: a,a,a-Trifluorotoluene	*46.1*		*ug/l*	*40.0*		*115*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*42.1*		*"*	*40.0*		*105*	*80-120*			
Batch EL62301 - EPA 5030C (GC)										
Blank (EL62301-BLK1)				Prepared: 12/23/06 Analyzed: 12/26/06						
Benzene	ND	0.0250	mg/L							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	*48.0*		*ug/l*	*40.0*		*120*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*33.6*		*"*	*40.0*		*84.0*	*80-120*			
LCS (EL62301-BS1)				Prepared: 12/23/06 Analyzed: 12/26/06						
Benzene	0.0591	0.00100	mg/L	0.0500		118	80-120			
Toluene	0.0596	0.00100	"	0.0500		119	80-120			
Ethylbenzene	0.0568	0.00100	"	0.0500		114	80-120			
Xylene (p/m)	0.109	0.00100	"	0.100		109	80-120			
Xylene (o)	0.0492	0.00100	"	0.0500		98.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*44.6*		*ug/l*	*40.0*		*112*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*37.8*		*"*	*40.0*		*94.5*	*80-120*			

American Envionmental Consultants
6885 South Marshall St., Ste. 3
Littleton CO, 80128

Project: DEFS-DEFS (Eldridge) Ranch
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
Batch EL62301 - EPA 5030C (GC)										
Calibration Check (EL62301-CCV1)				Prepared: 12/23/06 Analyzed: 12/27/06						
Benzene	54.1		ug/l	50.0		108	80-120			
Toluene	52.0		"	50.0		104	80-120			
Ethylbenzene	57.0		"	50.0		114	80-120			
Xylene (p/m)	94.7		"	100		94.7	80-120			
Xylene (o)	45.3		"	50.0		90.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	*43.5*		"	*40.0*		*109*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*32.5*		"	*40.0*		*81.2*	*80-120*			
Matrix Spike (EL62301-MS1)		**Source: 6L22002-03**		Prepared: 12/23/06 Analyzed: 12/27/06						
Benzene	0.0517	0.00100	mg/L	0.0500	ND	103	80-120			
Toluene	0.0499	0.00100	"	0.0500	ND	99.8	80-120			
Ethylbenzene	0.0444	0.00100	"	0.0500	ND	88.8	80-120			
Xylene (p/m)	0.0922	0.00100	"	0.100	ND	92.2	80-120			
Xylene (o)	0.0419	0.00100	"	0.0500	ND	83.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	*40.7*		*ug/l*	*40.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*36.8*		"	*40.0*		*92.0*	*80-120*			
Matrix Spike Dup (EL62301-MSD1)		**Source: 6L22002-03**		Prepared: 12/23/06 Analyzed: 12/27/06						
Benzene	0.0541	0.00100	mg/L	0.0500	ND	108	80-120	4.74	20	
Toluene	0.0538	0.00100	"	0.0500	ND	108	80-120	7.89	20	
Ethylbenzene	0.0489	0.00100	"	0.0500	ND	97.8	80-120	9.65	20	
Xylene (p/m)	0.0943	0.00100	"	0.100	ND	94.3	80-120	2.25	20	
Xylene (o)	0.0402	0.00100	"	0.0500	ND	80.4	80-120	4.14	20	
Surrogate: a,a,a-Trifluorotoluene	*46.1*		*ug/l*	*40.0*		*115*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*41.1*		"	*40.0*		*103*	*80-120*			
Batch EL62808 - EPA 5030C (GC)										
Blank (EL62808-BLK1)				Prepared: 12/28/06 Analyzed: 12/31/06						
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	*39.9*		*ug/l*	*40.0*		*99.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*35.9*		"	*40.0*		*89.8*	*80-120*			

American Envionmental Consultants
6885 South Marshall St., Ste. 3
Littleton CO, 80128

Project: DEFS-DEFS (Eldridge) Ranch
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
Batch EL62808 - EPA 5030C (GC)										
LCS (EL62808-BS1)				Prepared: 12/28/06 Analyzed: 12/31/06						
Benzene	0.0540	0.00100	mg/L	0.0500		108	80-120			
Toluene	0.0544	0.00100	"	0.0500		109	80-120			
Ethylbenzene	0.0478	0.00100	"	0.0500		95.6	80-120			
Xylene (p/m)	0.100	0.00100	"	0.100		100	80-120			
Xylene (o)	0.0444	0.00100	"	0.0500		88.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	*43.0*		*ug/l*	*40.0*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*46.1*		*"*	*40.0*		*115*	*80-120*			
Calibration Check (EL62808-CCV1)				Prepared: 12/28/06 Analyzed: 12/31/06						
Benzene	52.6		ug/l	50.0		105	80-120			
Toluene	53.1		"	50.0		106	80-120			
Ethylbenzene	58.5		"	50.0		117	80-120			
Xylene (p/m)	104		"	100		104	80-120			
Xylene (o)	48.3		"	50.0		96.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	*40.4*		*"*	*40.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*46.2*		*"*	*40.0*		*116*	*80-120*			
Matrix Spike (EL62808-MS1)		**Source: 6L22002-34**		Prepared: 12/28/06 Analyzed: 12/31/06						
Benzene	0.0513	0.00100	mg/L	0.0500	ND	103	80-120			
Toluene	0.0528	0.00100	"	0.0500	ND	106	80-120			
Ethylbenzene	0.0541	0.00100	"	0.0500	ND	108	80-120			
Xylene (p/m)	0.106	0.00100	"	0.100	ND	106	80-120			
Xylene (o)	0.0494	0.00100	"	0.0500	ND	98.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	*38.9*		*ug/l*	*40.0*		*97.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*45.9*		*"*	*40.0*		*115*	*80-120*			
Matrix Spike Dup (EL62808-MSD1)		**Source: 6L22002-34**		Prepared: 12/28/06 Analyzed: 12/31/06						
Benzene	0.0490	0.00100	mg/L	0.0500	ND	98.0	80-120	4.98	20	
Toluene	0.0518	0.00100	"	0.0500	ND	104	80-120	1.90	20	
Ethylbenzene	0.0539	0.00100	"	0.0500	ND	108	80-120	0.00	20	
Xylene (p/m)	0.109	0.00100	"	0.100	ND	109	80-120	2.79	20	
Xylene (o)	0.0492	0.00100	"	0.0500	ND	98.4	80-120	0.406	20	
Surrogate: a,a,a-Trifluorotoluene	*38.2*		*ug/l*	*40.0*		*95.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*45.8*		*"*	*40.0*		*114*	*80-120*			

American Envionmental Consultants
6885 South Marshall St., Ste. 3
Littleton CO, 80128

Project: DEFS-DEFS (Eldridge) Ranch
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
Batch EL63102 - EPA 5030C (GC)										
Blank (EL63102-BLK1)				Prepared: 12/31/06 Analyzed: 01/01/07						
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	*32.5*		*ug/l*	*40.0*		*81.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*35.2*		*"*	*40.0*		*88.0*	*80-120*			
LCS (EL63102-BS1)				Prepared: 12/31/06 Analyzed: 01/01/07						
Benzene	0.0421	0.00100	mg/L	0.0500		84.2	80-120			
Toluene	0.0413	0.00100	"	0.0500		82.6	80-120			
Ethylbenzene	0.0424	0.00100	"	0.0500		84.8	80-120			
Xylene (p/m)	0.0832	0.00100	"	0.100		83.2	80-120			
Xylene (o)	0.0410	0.00100	"	0.0500		82.0	80-120			
Surrogate: a,a,a-Trifluorotoluene	*32.0*		*ug/l*	*40.0*		*80.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*44.0*		*"*	*40.0*		*110*	*80-120*			
Calibration Check (EL63102-CCV1)				Prepared: 12/31/06 Analyzed: 01/02/07						
Benzene	46.4		ug/l	50.0		92.8	80-120			
Toluene	47.2		"	50.0		94.4	80-120			
Ethylbenzene	47.9		"	50.0		95.8	80-120			
Xylene (p/m)	91.8		"	100		91.8	80-120			
Xylene (o)	45.2		"	50.0		90.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*43.2*		*"*	*40.0*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*33.1*		*"*	*40.0*		*82.8*	*80-120*			
Matrix Spike (EL63102-MS1)	**Source: 6L22002-44**			Prepared: 12/31/06 Analyzed: 01/02/07						
Benzene	0.0468	0.00100	mg/L	0.0500	ND	93.6	80-120			
Toluene	0.0489	0.00100	"	0.0500	ND	97.8	80-120			
Ethylbenzene	0.0468	0.00100	"	0.0500	ND	93.6	80-120			
Xylene (p/m)	0.108	0.00100	"	0.100	ND	108	80-120			
Xylene (o)	0.0517	0.00100	"	0.0500	ND	103	80-120			
Surrogate: a,a,a-Trifluorotoluene	*44.1*		*ug/l*	*40.0*		*110*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*39.0*		*"*	*40.0*		*97.5*	*80-120*			

American Envionmental Consultants
6885 South Marshall St., Ste. 3
Littleton CO, 80128

Project: DEFS-DEFS (Eldridge) Ranch
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
Batch EL63102 - EPA 5030C (GC)										
Matrix Spike Dup (EL63102-MSD1)	**Source: 6L22002-44**			Prepared: 12/31/06 Analyzed: 01/02/07						
Benzene	0.0587	0.00100	mg/L	0.0500	ND	117	80-120	22.2	20	R
Toluene	0.0598	0.00100	"	0.0500	ND	120	80-120	20.4	20	R
Ethylbenzene	0.0579	0.00100	"	0.0500	ND	116	80-120	21.4	20	R
Xylene (p/m)	0.120	0.00100	"	0.100	ND	120	80-120	10.5	20	
Xylene (o)	0.0596	0.00100	"	0.0500	ND	119	80-120	14.4	20	
Surrogate: a,a,a-Trifluorotoluene	*46.9*		*ug/l*	*40.0*		*117*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*46.7*		*"*	*40.0*		*117*	*80-120*			

American Envionmental Consultants
6885 South Marshall St., Ste. 3
Littleton CO, 80128

Project: DEFS-DEFS (Eldridge) Ranch
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.
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
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: Raland K Tuttle Date: 1/2/2007

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Michael H. Stewart
Company Name: American Environmental Consulting
Company Address: 6885 South Marshall St., Ste.3
City/State/Zip: Littleton, Colorado 80128
Telephone No: (303) 948-7733
Fax No: (303) 948-7793
Sampler Signature: Jeb Ivey Dale Littlepage

Project Name: DEFS - DEFS (Eldridge) Ranch
Project #:
Project Loc: Lea County, New Mexico
PO #:

Page 1 of 6

LAB # (lab use only) 62202	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl VOA vial	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TOTAL: TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B 5030 or BTEX 8260	RCI	N.O.R.M.						RUSH TAT (Pre-Schedule)	Standard TAT
-01	NMG-3 (0612181352)	12/18/06	1352	2	✓		✓					✓											✓									✓
-02	NMG-2 (0612181421)	12/18/06	1421	2	✓		✓					✓											✓									✓
-03	MW-24 (0612181435)	12/18/06	1435	6	✓		✓					✓											✓							✓		✓
-04	NMG-5 (0612181456)	12/18/06	1456	2	✓		✓					✓											✓									✓
-05	MW-17 (0612181510)	12/18/06	1510	2	✓		✓					✓											✓									✓
-06	NMG-6 (0612181529)	12/18/06	1529	2	✓		✓					✓											✓									✓
-07	MW-16 (0612181535)	12/18/06	1535	2	✓		✓					✓											✓									✓
-08	NMG-8 (0612181551)	12/18/06	1557	2	✓		✓					✓											✓									✓
-09	MW-F (0612181610)	12/18/06	1610	2	✓		✓					✓											✓									✓
-10	NMG-7 (0612181629)	12/18/06	1629	2	✓		✓					✓											✓									✓

Special Instructions: Send fax copy of lab report to Michael Stewart, sent original lab report and invoce to Stephen Weathers, Duke Energy Field Services, 303 17th Street, Suite 2500, Denver, CO 80202

Sample Containers Intact? Y N
Temperature Upon Receipt: 2.0
Laboratory Comments: w/seal on jar w/ label

Relinquished by:	Date	Time	Received by:	Date	Time
Dale Littlepage	12/22/06	7:55			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Cheri Kelly	12/22/06	7:55

Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Michael H. Stewart
Company Name: American Environmental Consulting
Company Address: 6885 South Marshall St., Ste.3
City/State/Zip: Littleton, Colorado 80128
Telephone No: (303) 948-7733
Fax No: (303) 948-7793
Sampler Signature: John Zinn Dale Littlejohn

Project Name: DEFS - DEFS (Eldridge) Ranch
Project #:
Project Loc: Lea County, New Mexico
PO #:

LAB # (lab use only) 612002	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TPH: 418.1 8015M 1005 1003	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	TOTAL: Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B ~~5030 or BTEX 8260~~	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule)	Standard TAT
-11	MW-19 (061218 1635)	12/18/06	1635	2	✓		✓					✓											✓				✓
-12	NMG-10 (061218 1701)	12/18/06	1701	2	✓		✓					✓											✓				✓
-13	MW-9 (061218 1710)	12/18/06	1710	2	✓		✓					✓											✓				✓
-14	NMG-9 (061218 1728)	12/18/06	1728	2	✓		✓					✓											✓				✓
-15	MW-8 (061218 1740)	12/18/06	1740	2	✓		✓					✓											✓				✓
-16	NMG-11 (061218 1751)	12/18/06	1751	2	✓		✓					✓											✓				✓
-17	MW-22 (061218 1810)	12/18/06	1810	2	✓		✓					✓											✓				✓
-18	NMG-4 (061219 0804)	12/19/06	0804	2	✓		✓					✓											✓				✓
-19	MW-10 (061219 0805)	12/19/06	0805	2	✓		✓					✓											✓				✓
-20	NMG-12 (061219 0833)	12/19/06	0833	2	✓		✓					✓											✓				✓

Special Instructions: Send fax copy of lab report to Michael Stewart, sent original lab report and invoce to Stephen Weathers, Duke Energy Field Services, 303 17th Street, Suite 2500, Denver, CO 80202

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Dale Littlejohn	12/22/06	7:55			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Carrie Kelly	12/22/06	7:55

Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Michael H. Stewart
Company Name: American Environmental Consulting
Company Address: 6885 South Marshall St., Ste.3
City/State/Zip: Littleton, Colorado 80128
Telephone No: (303) 948-7733
Fax No: (303) 948-7793
Sampler Signature: Jah Z Dale Littleton

Project Name: DEFS - DEFS (Eldridge) Ranch
Project #:
Project Loc: Lea County, New Mexico
PO #:

Page 3 of 6

LAB # (lab use only) 612002	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TPH: 418.1 8015M 1005 1006	TOTAL: Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule)	Standard TAT
-11	MW-Q (061219 0840)	12/19/06	0840	2	✓		✓					✓											✓				✓
-12	MW-13 (061219 0901)	12/19/06	0901	2	✓		✓					✓											✓				✓
-13	MW-O (061219 0920)	12/19/06	0920	2	✓		✓					✓											✓				✓
-14	MW-25 (061219 0937)	12/19/06	0937	2	✓		✓					✓											✓				✓
-15	MW-M (061219 1005)	12/19/06	1005	2	✓		✓					✓											✓				✓
-16	MW-23 (061219 1024)	12/19/06	1024	2	✓		✓					✓											✓				✓
-17	MW-MM (061219 1053)	12/19/06	1053	2	✓		✓					✓											✓				✓
-18	MW-12 (061219 1105)	12/19/06	1105	2	✓		✓					✓											✓				✓
-19	MW-11 (061219 1220)	12/19/06	1220	2	✓		✓					✓											✓				✓
-20	MW-29 (061219 1227)	12/19/06	1227	2	✓		✓					✓											✓				✓

Special Instructions: Send fax copy of lab report to Michael Stewart, sent original lab report and invoce to Stephen Weathers, Duke Energy Field Services, 303 17th Street, Suite 2500, Denver, CO 80202

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Dale Littleton	12/22/06	7:55			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Clair Kelly	12/22/06	7:55

Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Michael H. Stewart
Company Name: American Environmental Consulting
Company Address: 6885 South Marshall St., Ste.3
City/State/Zip: Littleton, Colorado 80128
Telephone No: (303) 948-7733
Fax No: (303) 948-7793
Sampler Signature: John Zerr / Dale Littlejohn

Project Name: DEFS - DEFS (Eldridge) Ranch
Project #:
Project Loc: Lea County, New Mexico
PO #:

Wk22002

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	(Metals: As Ag Ba Cd Cr Pb Hg Se)	Volatiles	Semivolatiles	TOTAL: BTEX 8021B/5030 or 8TEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule)	Standard TAT
-31	MW-8 (061219 1245)	12/19/06	1245	2	✓		✓					✓											✓				✓
-32	MW-28 (061219 1256)	12/19/06	1256	2	✓		✓					✓											✓				✓
-33	MW-I (061219 1320)	12/19/06	1320	2	✓		✓					✓											✓				✓
-34	MW-30 (061219 1329)	12/19/06	1329	2	✓		✓					✓											✓				✓
-35	MW-J (061219 1350)	12/19/06	1350	2	✓		✓					✓											✓				✓
-36	MW-31 (061219 1354)	12/19/06	1354	2	✓		✓					✓											✓				✓
-37	MW-18 (061219 1420)	12/19/06	1420	2	✓		✓					✓											✓				✓
-38	MW-14 (061219 1426)	12/19/06	1426	2	✓		✓					✓											✓				✓
-39	MW-E (061219 1455)	12/19/06	1455	2	✓		✓					✓											✓				✓
-40	MW-6 (061219 1501)	12/19/06	1501	2	✓		✓					✓											✓				✓

Special Instructions: Send fax copy of lab report to Michael Stewart, sent original lab report and invoce to Stephen Weathers, Duke Energy Field Services, 303 17th Street, Suite 2500, Denver, CO 80202

Sample Containers Intact? (Y) N
Temperature Upon Receipt
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Dale Littlejohn	12/22/06	7:55			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Cheri Wells	12/22/06	7:55

Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Michael H. Stewart
Company Name: American Environmental Consulting
Company Address: 6885 South Marshall St., Ste.3
City/State/Zip: Littleton, Colorado 80128
Telephone No: (303) 948-7733
Fax No: (303) 948-7793
Sampler Signature: John Young / Dale Littlejohn

Project Name: DEFS - DEFS (Eldridge) Ranch
Project #:
Project Loc: Lea County, New Mexico
PO #:

LAB # (lab use only) 61222	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TPH: 418.1 8015M 1005 1003	TOTAL: TPH: 418.1 8015M 1005 1003	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/~~5030~~ or ~~8015~~ ~~8260~~	RCI	N.O.R.M.				RUSH TAT (Pre-Schedule)	Standard TAT
-41	MW-4 (061219 1526)	12/19/06	1526	2	✓		✓					✓												✓							✓
-42	MW-1 (061219 1530)	12/19/06	1530	2	✓		✓					✓												✓							✓
-43	MW-5 (061219 1554)	12/19/06	1554	2	✓		✓					✓												✓							✓
-44	DTW-01 (061219 1615)	12/19/06	1615	2	✓		✓					✓												✓							✓
-45	MW-A (061219 1631)	12/19/06	1631	2	✓		✓					✓												✓							✓
-46	Duplicate "A" (061219 1730)	12/19/06	1730	2	✓		✓					✓												✓							✓
-47	Duplicate "B" (061219 1800)	12/19/06	1800	2	✓		✓					✓												✓							✓
-48	Duplicate "C" (061219 1830)	12/19/06	1830	2	✓		✓					✓												✓							✓
-49	Irrigation (061220 1440)	12/20/06	1440	2	✓		✓					✓												✓							✓
-50	House (061220 1545)	12/20/06	1545	2	✓		✓					✓												✓							✓

Special Instructions: Send fax copy of lab report to Michael Stewart, sent original lab report and invoce to Stephen Weathers, Duke Energy Field Services, 303 17th Street, Suite 2500, Denver, CO 80202

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Dale Littlejohn	12/22/06	11:55			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Carie Cooley	12/22/06	11:55

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: Michael H. Stewart
Company Name: American Environmental Consulting
Company Address: 6885 South Marshall St., Ste. 3
City/State/Zip: Littleton, Colorado 80128
Telephone No: 303-948-7733 Fax No: 303-948-7793
Sampler Signature: Josh Young Dale Fitzwater e-mail:

Project Name: DEFS - DEFS (Eldridge) Ranch
Project #:
Project Loc: Lea County, New Mexico
PO #:
Report Format: ☐ Standard ☐ TRRP ☐ NPDES

Page 6 of 6

(lab use only)
ORDER #: 6L12007

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TCLP: / TOTAL: TPH: 418.1 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-01	Trip Blank						2	✓		✓						DW										✓				✓

Special Instructions:

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		
Temperature Upon Receipt	2.0	°C

Relinquished by:	Date	Time	Received by:	Date	Time
Dale Fitzwater	12/22/06	4:55			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT:	Date:	Time
			Carin Ivey	12/22/06	7:55

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: American Env. Consul.

Date/ Time: 12/22/02 7:55

Lab ID #: 12-22002

Initials: CK

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	Yes	No	2.0 °C	
#2	Shipping container in good condition?	~~Yes~~	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
#4	Custody Seals intact on sample bottles/ container?	~~Yes~~	No	Not Present	
#5	Chain of Custody present?	~~Yes~~	No		
#6	Sample instructions complete of Chain of Custody?	~~Yes~~	No		
#7	Chain of Custody signed when relinquished/ received?	~~Yes~~	No		
#8	Chain of Custody agrees with sample label(s)?	~~Yes~~	No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	~~Yes~~	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	~~Yes~~	No		
#11	Containers supplied by ELOT?	~~Yes~~	No		
#12	Samples in proper container/ bottle?	~~Yes~~	No	See Below	
#13	Samples properly preserved?	~~Yes~~	No	See Below	
#14	Sample bottles intact?	~~Yes~~	No		
#15	Preservations documented on Chain of Custody?	~~Yes~~	No		
#16	Containers documented on Chain of Custody?	~~Yes~~	No		
#17	Sufficient sample amount for indicated test(s)?	~~Yes~~	No	See Below	
#18	All samples received within sufficient hold time?	~~Yes~~	No	See Below	
#19	Subcontract of sample(s)?	Yes	No	~~Not Applicable~~	
#20	VOC samples have zero headspace?	~~Yes~~	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

ATTACHMENT B

SUMMARY OF GROUNDWATER MONITORING RESULTS

Summary of Dissolved Phase Benzene Concentrations

Well	Aug-01	Mar-02	Jul-02	Oct-02	Dec-02	Feb-03	Jun-03	Sep-03	Dec 03/ Jan 04	Mar-04	Jun-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06
MW-1	0.943		0.279			0.018 /0.021	0.004	0.002	0.034	0.00245	0.0762	0.462	0.497	0.458	0.220	0.171	0.116	0.13	0.114	0.127
MW-1D					<0.001	0.028	<0.001	<0.001	0.008	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	0.595	<0.001
MW-2	<.005		<0.001			<0.001	0.006	<0.001	<0.001	<0.001	<0.001	<0.001								
MW-3	<.005		0.002			<0.001	<0.001	<0.001	<0.001	<0.001	0.00184	<0.001								
MW-4	10.0		10.4			5.65	3.88	3.53	3.36	4.20	5.71	1.64	2.63	1.15	0.756	1.07	0.409		0.159	0.117
MW-5	0.217 /0.182		0.160			0.018	0.019 /0.023	0.013 /0.013	0.052	0.0834	0.531	0.196/0.174	0.352	0.136	0.0578	0.0211/ 0.04	0.0242/0.0222	0.0216/ 0.0263	0.0178/ 0.0173	0.0117/ 0.0122
MW-6	0.600		0.237/ 0.253			0.022	0.033	0.020	0.004	0.0383	0.0465	0.00410	0.177	0.0423	0.0341	0.0273/ 0.0292	0.00882	0.0341	0.0272	0.0281
MW-7	<.005		<0.001			0.004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								
MW-8		8.60	8.37			9.62					9.68	1.84	4.25	3.72	1.87	1.6	1.74	3.21	0.173	0.389
MW-9		<.005	<0.001			<0.001	<0.001	<0.001	<0.001	0.000919	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-10		10.6	14.0			12.4	9.78	7.04	6.95	4.8	7.63	2.26	0.779	0.755	0.835	2	1.34	1.16	0.0768	0.314
MW-11		27.8									19.9	6.40/7.54	9.63	8.29	7.43	6.59	6.56	11.7	4.74	3.06
MW-12		9.08	6.95			15.1	11.9	15.2	14.7	16.9	16.3	25.9	20.5	17.1	21.0	15.2	13.5	22.3/ 20.6	18.7	16.7
MW-13		19.8	19.8			23.2	26.3	16.5	16.1	10.8	12.7	12.1								
MW-14		1.04	1.21			0.895	0.537	0.388	0.398	0.376	0.32	0.232	0.232	0.251	0.139	0.123	0.0698	0.0432	0.00728	0.0033
MW-15				0.002		0.003	0.001	<0.001	0.029	0.0012	0.00464	0.0620								
MW-16				<0.001		<0.001	<0.001	<0.001	<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-17				<0.001		<0.001	<0.001	<0.001	<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-18				0.008				0.059	0.018	0.00764	0.101	0.0251/0.0370	0.116	0.191	0.0502	0.0344	0.0345	0.0428	0.0195	0.0235/0.505
MW-19				0.003		0.198	0.092	0.078	0.05	0.054	0.0532	0.0107	0.00180	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-20				<0.001		0.001	0.006	<0.001	<0.001	0.000965	<0.001	<0.001								
MW-21				0.01/0.011		0.016 /0.014	0.016/ 0.017	0.007/ 0.006	0.009	0.00718 0.00511	0.159	3.07								
MW-22				<0.001		<0.001	0.002	<0.001	0.014	<0.001	<0.001	0.314	<0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-23												3.29	2.49	2.20	1.23	1.06	0.761	0.722	0.383	0.429
MW-24				<0.001		<0.001	<0.001	<0.001	<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-25						0.004/ 0.004	0.004	0.009	0.002	<0.001	<0.001	0.00293	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-26										2.33			61.1	72.2	71.4				77.2	
MW-27																				
MW-28																	< 0.001	<0.001	<0.001	<0.001
MW-29																	0.123	0.0259	0.0332	0.00289
MW-30																	< 0.001	<0.001	<0.001	<0.001
MW-31																	< 0.001	<0.001	<0.001	<0.001
House well					0.59	0.403	NS	NS	0.147	0.0008	0.0144	0.0245	0.121	0.0963	0.0461	0.0226	0.0311	0.0264	0.00112	0.000772
Irrigation well				1.26						0.426	0.537	0.321	0.241	0.252	0.134	0.084	0.0682	0.0926	0.055	0.0626
North water well					0.385	0.383	0.333	0.359	0.21	0.05999	0.0987									
South water well					<0.001	0.036	<0.001	<0.001	<0.001	<0.001	<0.001	0.00197								
West water well					NS	<0.001	0.001	<0.001	<0.001	<0.001	<0.001									

Well	Mar-05	Apr-05	Jun-05	Sep-05	Nov-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06
NMG MW-2	<0.001		<0.001	<0.001		<0.001	< 0.001	<0.001	<0.001	<0.001
NMG MW-3	<0.001		<0.001	<0.001		<0.001	< 0.001	<0.001	<0.001	<0.001
NMG MW-4	<0.001		<0.001	<0.001		<0.001	< 0.001	<0.001	<0.001	<0.001
NMG MW-5	1.57		0.505	0.244		3.66	3.06	10.4/ 10.9	11/ 10.2	14.4
NMG MW-6		4.44	5.43	2.58		2.04	2.28	5	2.48	1.27
NMG MW-7		0.259	0.0947	0.0294		0.0536	0.0732	0.114	0.0107	0.0131
NMG MW-8		0.868	0.925	1.19		1.13	0.972	0.366	0.675	0.0142
NMG MW-9		0.442	0.424	0.309		0.187	0.107/ 0.116	0.0866	0.014	0.0865
NMG MW-10					1.85	1.1	1.03	1.17	0.361	1.11
NMG MW-11					<0.001	<0.001	< 0.001	<0.001	<0.005	<0.001
NMG MW-12					1.37	0.862	0.79	0.856	0.25	0.346
NMG MW-13					<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001/0.000637

Notes: All units in mg/l, Blank cells denote wells that had not been installed or not sampled

Summary of Dissolved Phase Benzene Concentrations (continued)

Well	Dec 03/Jan 04	Mar 04	Jun-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06
MW-A	2.11	1.44	1.53	1.22	0.434	0.427	0.188	0.211	0.191	0.223	0.0473	0.101
MW-B	0.321	0.215	0.274	0.254								
MW-C	0.027	0.0288	0.175	0.263	0.540	0.184						
MW-D	0.008	0.0101	0.0191	0.0293								
MW-E	0.847	0.626	0.263	0.325	0.161	0.0322	0.0307	0.0338	0.0234	0.0147	0.171	0.0198
MW-F	<0.001	0.000968	<0.001	0.00559				<0.001	< 0.001	<0.001	<0.001	0.00101
MW-G	<0.001	0.000915	<0.001	<0.001	< 0.001	<0.001	<0.001					
MW-H	0.066	0.0193	0.371	0.0327								
MW-I	0.522	0.394	0.552	0.243	0.265	0.466	0.303	0.0684	0.0165	0.011	0.0121	0.0212
MW-J	<0.001	0.00969	<0.001	<0.001			0.00104	<0.001	< 0.001	<0.001	0.000522	0.00113
MW-K	2.33	1.99	1.62	21.3								
MW-L	21.4	24.8	30.7	16.1								
MW-M	1.67	3.58	9.17		24.6	29.9	34.2	30.7	25.3	40.4	19.5	23
MW-N	FPH	FPH	FPH	11.5	17.1	16.4	21.3	16.3				
MW-O	30.4	32.0	32.5	5.04	17.0	18.6	19.7	14.6	12.5/13.2	19.6	12.4	1.19
MW-P	10.2	9.44	10.7	3.86								
MW-Q	7.44	8.24	7.2	0.00455	5.59	5.06	3.47	3.1	2.71	3.24	2.2/ 2.46	2.57
MW-R	0.004	0.00283	0.0294	<0.001								
MW-S	0.002	<0.001	<0.001	1.68	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-T	4.3	4.89	4.17	3.03								
MW-AA	0.356	0.367	1.21	16.1								
MW-BB	4.34	3.73										
MW-CC	FPH	FPH	FPH									
MW-DD	0.772	0.678	0.635	1.86								
MW-EE	FPH	FPH	FPH		5.84							
MW-FF	3.22	3.22	3.31	15.7								
MW-GG	5.96	7.34	7.97	3.96								
MW-HH	3.23	5.63	4.51	11.3								
MW-II	0.518	2.10	3.4	5.28								
MW-JJ	15.9	15.3	17.6	16.7								
MW-KK	0.263	2.18	1.67	21.7								
MW-LL	13.7	12.8	14.9	13.2								
MW-MM	0.237	0.202	0.351	0.478	0.439	0.535	0.444	0.783	0.483	0.537	0.464	0.468
MW-NN	31.5	19.2	35.2	29.9								
MW-OO	31.5	29.2	32.6	29.7								

Notes: All units in mg/l. Blank cells denote wells that had not been installed or not sampled

Summary of Dissolved Phase Toluene Concentrations

Well	Aug-01	Mar-02	Jul-02	Oct-02	Dec-02	Feb-03	Jun-03	Sep-03	Dec 03/ Jan 04	Mar- 04	Jun-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06
MW-1	0.120		0.002			0.004/0.005	0.002	0.001	0.039	0.000744	0.00238	0.469	0.793	0.297	0.141	0.0858	0.0118	0.01	0.0111	0.0141
MW-1D					<0.001	0.003	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	0.00838	<0.001
MW-2	<.005		<0.001			<0.001	0.003	<0.001	<0.001	<0.001	<0.001	<0.001								
MW-3	<.005		<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	0.000852	<0.001								
MW-4	6.96		5.52			3.02	2.51	2.56	2.46	3.89	5.63	3.03	2.82	2.70	1.23	0.464	1.5		0.693	0.536
MW-5	0.185/ 0.159		0.004			0.006	0.004 /0.004	0.006/ 0.007	0.01	0.0329	1.02	0.0215/ 0.0214	0.00591	0.00836	0.0198	0.00311/ 0.00539	0.0117/0.0105	0.00787/ 0.00628	0.00217/ 0.00179	0.00233/ 0.000212
MW-6	0.502		0.046/0.047			0.004	0.005	0.002	0.001	<0.001	0.00104	<0.001	0.00175	0.00273	0.00252	0.0209/ 0.0215	0.00415	0.00907	0.0026	0.00466
MW-7	<.005		<0.001			<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001								
MW-8		0.482	0.176			1.06					8.62	1.76	0.756	0.562	0.563	0.103	0.138	0.178	0.0137	0.0579
MW-9		<.005	<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	0.000226	< 0.001	<0.001	<0.001	<0.001
MW-10		<.100	0.144			0.126	0.174	0.155	0.019	0.048	0.483	0.0668	0.0703	0.0629	0.129	0.0329	0.0273	0.00695	<0.005	0.00404
MW-11		2.49									6.32	2.38/2.79	2.43	1.57	4.92	0.209	1.53	1.22	0.0702	0.386
MW-12		0.281	0.190			0.491	0.346	0.278	0.142	0.162	0.332	2.25	1.30	0.517	0.529	<1	0.337	0.151/ 0.12	0.19	0.71
MW-13		5.95	4.34			1.96	1.54	0.788	0.582	0.384	0.338	0.730								
MW-14		0.0059	<0.010			0.002	0.003	0.002	0.002	<0.001	0.00118	0.00121	J 0.000787J	0.00227	0.00178	<0.005	0.00512	0.00336	0.00149	0.000624
MW-15				<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	0.000755	0.136								
MW-16				<0.001		<0.001	<0.001	<0.001	<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-17				<0.001		<0.001	<0.001	<0.001	<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-18				0.005				0.042	0.006	0.00152	0.0233	0.00419/ 0.00967	0.0206	0.0265	0.00669	0.0253	0.0119	0.0121	0.00463	0.0072/ 0.00167
MW-19				<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000326J	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-20				<0.001		0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								
MW-21				0.022/ 0.024		0.021/0.019	0.018 /0.019	0.002/ 0.002	0.006	0.00325	0.178	0.157								
MW-22				<0.001		<0.001	<0.001	<0.001	0.012	<0.001	<0.001	0.000339J	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-23												0.972	0.254	0.145	0.0970	0.194	0.0396	0.0624	0.0646	0.0165
MW-24				<0.001		<0.001	<0.001	<0.001	<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-25				0.002		0.002	0.002	<0.001	<0.001	<0.001	<0.001	0.000922 J	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-26										0.57			13.8	18.4	25.6				24.9	
MW-27																				
MW-28																	< 0.001	<0.001	<0.001	<0.001
MW-29																	0.00267	0.000403	0.000321	0.000631
MW-30																	< 0.001	<0.001	<0.001	<0.001
MW-31																	< 0.001	<0.001	<0.001	<0.001
House well					<0.001	<0.001			<0.001	<0.001	<0.001	0.000310J	0.00297	0.00283	0.00148	0.00296	0.00388	0.00139	<0.001	0.00146
Irrigation Well				0.088						0.97	0.858	0.295	0.460	0.420	0.167	0.0539	0.0456	0.0383	0.0299	0.0262
North water well					0.001	0.007	0.002	0.002	0.006	<0.001	0.00464									
Southwater well					<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000625J								
West water well						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001									

Well	Mar-05	Apr-05	Jun-05	Sep-05	Nov-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06
NMG MW-2	<0.001		<0.001	<0.001		<0.001	< 0.001	<0.001	<0.001	<0.001
NMG MW-3	<0.001		<0.001	<0.001		<0.001	< 0.001	<0.001	<0.001	<0.001
NMG MW-4	<0.001		<0.001	<0.001		<0.001	< 0.001	<0.001	<0.001	<0.001
NMG MW-5	<0.001		<0.005	<0.005		<0.001	< 0.1	<0.02/ <0.05	<0.02/ <0.1	<0.025
NMG MW-6		0.00396J	<0.002	<0.002		<0.001	< 0.1	0.0112	<0.1	<0.025
NMG MW-7		0.0252	0.0051	0.00491		0.00695	0.0147	0.0229	0.00418	0.00487
NMG MW-8		0.00472	0.00434J	<0.002		0.00288	< 0.1	0.00335	0.00739	<0.01
NMG MW-9		0.00355	0.002445	0.00191J		0.00252J	0.00409/<0.01	0.00177	<0.005	<0.005
NMG MW-10					0.0208J	<0.001	0.0264	0.0181	0.012	0.0304
NMG MW-11					<0.001	<0.001	< 0.001	<0.001	<0.005	<0.001
NMG MW-12					0.0143	<0.001	0.0286	0.00841	0.00433	0.00453
NMG MW-13					<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001/0.0012

Notes: All units in mg/l. Blank cells denote wells that had not been installed or not sampled

Summary of Dissolved Phase Toluene Concentrations (Continued)

Well	Dec 03/Jan 04	Mar-04	Jun-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06
MW-A	1.8	1.4	1.44	1.87	0.924	0.789	0.337	0.0949	0.397	0.387	0.0389	0.0801
MW-B	0.221	0.19	0.481	0.541								
MW-C	0.019	0.00369	0.0581	0.00761	0.00622	0.0120						
MW-D	0.008	0.0021	0.0035	0.00494								
MW-E	0.012	<0.001	.000889	0.00400	0.00140	<0.001	0.00209	0.00252	0.00405	0.00166	0.00369	0.00137
MW-F	<0.001	<0.001	<0.001	0.000698 J				<0.001	< 0.001	<0.001	<0.001	<0.001
MW-G	<0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001					
MW-H	<0.001	<0.001	0.000314	0.0100								
MW-I	0.004	<0.001	0.00162	0.0390	J [0.000603]	0.00150	0.00417	0.00175	0.00568	0.00587	0.00375	0.00432
MW-J	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	< 0.001	<0.001	<0.001	0.000361
MW-K	<0.001	<0.005	.00288	0.711								
MW-L	< .02	<0.05	.0142	9.89								
MW-M	0.108	0.175	0.173		6.58	5.97	4.38	<1	0.67	0.492	8.35	2.96
MW-N	FPH	FPH	FPH	0.528	5.93	3.40	7.93	0.231				
MW-O	0.129	0.0505	0.111	0.0455 J	J [0.0966]	J [0.0775]	0.340	<1	< 0.1/ <0.1	<0.1	<0.1	<0.1
MW-P	0.023	0.0125	.026	0.0692								
MW-Q	0.045	0.0127	0.0515	<0.001	0.0300	J [0.0122]	0.0522	0.0969	< 0.02	<0.05	0.0244/ 0.0223	0.011
MW-R	0.003	<0.001	<0.001	<0.001								
MW-S	<0.001	<0.001	<0.001	0.00736 J	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-T	0.026	0.0028	.0103	0.0133								
MW-AA	0.03	0.00217	0.0139	0.146								
MW-BB	0.064	0.0226										
MW-CC	FPH	FPH	FPH									
MW-DD	0.007	0.0024	0.00546	0.0281								
MW-EE	FPH	FPH	FPH		4.27							
MW-FF	3.22	<0.02	0.00575	0.0234								
MW-GG	0.031	0.0133	0.0871	0.0687								
MW-HH	0.052	0.0418	0.113	1.36								
MW-II	0.167	0.156	1.23	0.601								
MW-JJ	0.071	0.041	0.384	0.924								
MW-KK	0.115	0.531	0.239	1.00								
MW-LL	0.216	0.106	0.586	3.54								
MW-MM	0.006	<0.001	0.000512	0.00488	0.00473	0.00786	0.00210	0.119	0.016	0.00855	0.0024	0.00794
MW-NN	0.043	0.0036	.0368	0.758								
MW-OO	5.41	3.28	5.27	7.46								

Notes: All units in mg/l. Blank cells denote wells that had not been installed or not sampled

Summary of Dissolved Phase Ethylbenzene Concentrations

Well	Aug-01	Mar-02	Jul-02	Oct-02	Dec-02	Feb-03	Jun-03	Sep-03	Dec 03 /Jan 04	Mar-04	Jun-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06
MW-1	0.052		<0.001			<.001/0.001	0.036	<0.001	0.003	<0.001	0.0126	0.0790	0.152	0.219	0.143	0.0151	0.0969	0.0839	0.0571	0.0926
MW-1D					<.001	<.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	0.0739	<0.001
MW-2	<.005		<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								
MW-3	<.005		<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	.000462	<0.001								
MW-4	0.190		0.189			0.141	0.133	0.092	0.142	0.192	0.287	0.169	0.184	0.196	0.210	2.08	0.22		0.158	0.224
MW-5	0.024/0.020		0.020			0.011	0.01/0.01	0.006/0.006	0.021	0.0225	0.145	0.0222/0.0218	0.0360	0.0309	0.0212	0.00716/ 0.0103	0.00861/ 0.00805	0.00589/ 0.0443	0.00273/ 0.00269	0.00162/ 0.00189
MW-6	0.024		0.009/0.009			0.006	0.013	0.006	0.006	0.00234	0.0271	0.00226	0.0189	0.0209	0.0428	0.00282/ 0.00338	0.00831	0.0545	0.00772	0.00716
MW-7	<.005		<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								
MW-8		<.100	0.074			0.166					0.389	0.145	0.0891	0.0968	0.277	0.187	0.149	0.192	0.0067	0.0414
MW-9		<.100	<0.020			<0.001	<0.001	<0.001	<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-10		<.200				<.025	<0.001	0.011	0.02	0.00559	0.0418	0.0282 J	J [0.0128]	0.0179	0.0563	0.0229	0.0559	0.0341	0.00224	0.0202
MW-11											0.394	0.166/0.151	0.166	0.178	1.08	0.875	0.471	0.384	<0.1	0.186
MW-12		<.100	0.043			0.109	0.27	0.124	0.102	0.11	0.137	0.214	0.142	0.153	0.154	<1	0.442	0.156/ 0.144	0.146	0.271
MW-13		0.205	0.206			0.228	0.214	0.179	0.139	0.0815	0.121	0.187								
MW-14		<.005	<0.010			<0.001	<0.001	<0.001	<0.001	<0.001	.000161	0.000225 J	0.00223	0.00102	<0.001	0.00259	< 0.001	<0.001	<0.001	<0.001
MW-15				<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	.000266	0.0252								
MW-16				<0.001		<0.001	<0.001	<0.001	<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-17				<0.001		<0.001	<0.001	<0.001	<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-18				0.001				0.025	0.002	<0.001	0.0192	0.0133/0.0149	0.0375	0.0680	0.0363	0.00842	0.0256	0.0201	0.00932	0.0132/ 0.00261
MW-19				<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	.000226	0.000206 J	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-20				<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								
MW-21				0.004/0.004		0.01/0.009	0.01/0.007	0.003/0.003	0.006	0.00195	0.295	0.500								
MW-22				<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000359 J	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-23												0.572	0.217	0.276	0.292	<0.1	0.218	0.206	0.117	0.119
MW-24				<0.001		<0.001	<0.001	<0.001	<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-25				<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000964 J	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-26										0.0443			0.317	0.354	0.399				0.309	
MW-27																				
MW-28																	< 0.001	<0.001	<0.001	<0.001
MW-29																	0.00372	<0.001	<0.001	0.000232
MW-30																	< 0.001	<0.001	<0.001	<0.001
MW-31																	< 0.001	<0.001	<0.001	<0.001
House well					0.005	0.006			<0.001	<0.001	<0.001	0.000266 J	0.00492	0.0206	0.0125	<0.01	0.00571	0.00108	<0.001	0.000314
Irrigation Well				1.12						0.115	0.141	.0499	0.0919	0.120	0.0719	0.0905	0.0633	0.0701	0.0313	0.0448
North water well					0.002	0.002	0.001	0.001	<0.001	<0.001	0.000712									
South water well					<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000680 J								
West water well						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001									

Well	Mar-05	Apr-05	Jun-05	Sep-05	Nov-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06
NMG MW-2	<0.001		<0.001	<0.001		<0.001	< 0.001	<0.001	<0.001	<0.001
NMG MW-3	<0.001		<0.001	<0.001		<0.001	< 0.001	<0.001	<0.001	<0.001
NMG MW-4	<0.001		<0.001	<0.001		<0.001	< 0.001	<0.001	<0.001	<0.001
NMG MW-5	<0.001		<0.005	<0.005		<0.001	< 0.1	0.0146/ <0.05	<0.02/ <0.1	0.0207
NMG MW-6		0.0436	0.0885	0.0224		0.0262J	0.353	0.131	0.0555	0.286
NMG MW-7		0.054	0.039	0.0488		0.0396	0.0573	0.0645	0.00443	0.0126
NMG MW-8		0.021	0.0134	0.0132J		0.00247	< 0.1	0.00348	0.0663	0.00749
NMG MW-9		0.0281	0.0464	0.0463		0.033	0.0274/ 0.0519	0.0197	<0.005	<0.005
NMG MW-10					0.426	0.29	0.377	0.327	0.0716	0.369
NMG MW-11					<0.001	<0.001	< 0.001	<0.001	<0.005	<0.001
NMG MW-12					0.288	0.183	0.206	0.178	0.0249	0.0514
NMG MW-13					<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001/0.00061

Notes: All units in mg/l. Blank cells denote wells that had not been installed or not sampled

Summary of Dissolved Phase Ethylbenzene Concentrations (continued)

Well	Dec 03/Jan 04	Mar-04	Jun-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06
MW-A	0.218	0.143	0.166	0.166	0.138	0.158	0.110	0.455	0.127	0.132	0.0249	0.121
MW-B	0.099	0.0833	0.134	0.126								
MW-C	0.004	0.00577	0.0416	0.0370	0.0273	0.104						
MW-D	0.002	0.00324	0.00935	0.00475								
MW-E	0.003	0.00224	0.00367	0.0142	0.00534	0.00156	0.00222	0.00228	0.00481	0.000656	0.0133	0.00147
MW-F	<0.001	<0.001	<0.001	0.00049 J				<0.001	< 0.001	<0.001	<0.001	<0.001
MW-G	<0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001					
MW-H	*<0.001*	*<0.001*	*.000833*	*0.0141*								
MW-I	0.001	0.000933	0.00176	0.0698	0.00215	0.00431	0.00570	0.00314	0.00448	0.00141	0.00168	0.00477
MW-J	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	< 0.001	<0.001	<0.001	0.000203
MW-K	<0.001	<0.005	.00293	0.210								
MW-L	0.13	0.171	0.237	0.317								
MW-M	0.03	0.0356	0.0967		0.170	0.196	0.0719	1.29	0.817	0.367	0.242	0.394
MW-N	FPH	FPH	FPH	0.149	0.210	0.318	0.395	4.67				
MW-O	0.062	0.0551	0.0769	0.0403 J	J [0.169]	0.214	0.422	<1	0.489/ 0.525	0.283	0.131	0.0376
MW-P	0.036	0.0153	.0249	0.0337								
MW-Q	0.015	0.0064	0.0269	<0.001	0.107	0.107	0.286	<0.1	0.185	0.137	0.0646/ 0.0724	0.146
MW-R	<0.001	<0.001	.00151	<0.001								
MW-S	<0.001	<0.001	<0.001	0.00470 J	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-T	0.011	0.0052	.0126	0.0189								
MW-AA	0.005	0.00541	0.0079	0.255								
MW-BB	0.058	0.03										
MW-CC	FPH	FPH	FPH									
MW-DD	0.037	0.0152	0.0269	0.0818								
MW-EE	FPH	FPH	FPH		0.324							
MW-FF	<.01	<0.02	0.00705	0.152								
MW-GG	<.01	0.00483	.00869	0.0688								
MW-HH	<.01	0.0107	0.0128	0.142								
MW-II	0.01	0.0225	0.0732	0.0974								
MW-JJ	0.096	0.0997	0.162	0.241								
MW-KK	0.006	0.0144	0.00674	0.139								
MW-LL	0.124	0.0958	0.151	0.280								
MW-MM	0.007	0.00205	0.00916	0.0419	0.0582	0.092	0.0456	0.0055	0.114	0.0971	0.0421	0.0872
MW-NN	0.121	0.167	0.111	0.189								
MW-OO	0.209	0.168	0.244	0.275								

Notes: All units in mg/l. Blank cells denote wells that had not been installed or not sampled

Summary of Dissolved Phase Total Xylene Concentrations

Well	Aug-01	Mar-02	Jul-02	Oct-02	Dec-02	Feb-03	Jun-03	Sep-03	Dec 03/ Jan 04	Mar-04	Jun-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06
MW-1	0.06		<0.001			0.002/0.003	0.224	<0.001	0.012	<0.001	0.0404	0.105	0.4482	0.61	0.3675	0.2112	0.116	0.19	0.105	0.20701
MW-1D			0.001		<0.001	<0.001	<0.001	<0.001	0.003	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	0.0524	<0.001
MW-2	<.005		<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001							
MW-3	<.005		<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								
MW-4	0.632		0.536			0.389	0.421	0.289	0.439	0.656	1.066	0.501	0.699	0.781	0.787	0.806	0.430		.598	0.797
MW-5	0.129/ 0.019		0.010			0.03	0.026/ 0.020	0.019/. 018	0.035	0.0493	0.564	0.0195/ 0.0217	0.03118	0.0446	0.04058	0.0078/ 0.01642	0.014	0.085	.00491	0.004081/ 0.001586
MW-6	0.100		0.025 /0.026			0.01	0.019	0.006	0.007	0.00222	0.052609	<0.001	0.0251	0.0324	0.0654	0.032953/ /0.0335	0.009	0.103	0.0469	0.033
MW-7	<.005		<0.001			<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001								
MW-8		0.197	0.035			0.14					1.168	0.510	0.3865	0.4069	1.095	0.394	0.283	0.696	.0233	0.1223
MW-9		<.005	<0.001			<0.001	0.002	<0.001	0.002	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	0.000536	< 0.001	<0.001	<0.001	<0.001
MW-10		<.100	<0.020			<.025	<0.001	0.023	0.044	0.01127	0.0952	0.0622	0.0279	0.04256	0.1318	0.05824	0.066	0.047	0.00313	0.0278
MW-11		0.376									0.79	0.252/ 0.209	0.379	0.3419	2.666	0.2925	0.511	0.672	<0.1	0.822
MW-12		<.100	0.025			0.088	1.069	0.085	0.035	0.0456	0.1033	0.193	0.116	0.120J	<0.100	<1	0.587	0.0517	0.162	0.168
MW-13		0.432	0.453			0.435	0.298	0.242	0.226	0.1289	0.1961	0.307								
MW-14		0.0085	<0.010			<0.001	0.001	0.001	0.001	0.001311	.000373	0.000956 J	0.00138	0.00127	<0.001	<0.005	< 0.001	0.00061	<0.001	<0.001
MW-15				<0.001		0.001	0.001	0.001	<0.001	<0.001	0.001181	0.0582								
MW-16				<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	0.000553	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-17				<0.001		<0.001	<0.001	<0.001	<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-18				0.002				0.121	0.011	0.00962	0.0798	0.0176/ 0.0188	0.0468	0.1616	0.0792	0.05846	0.036	0.059	.014	0.02046/ 0.004574
MW-19				<0.001		<0.001	0.001	0.001	<0.001	<0.001	.000856	0.000427 J	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-20				<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								
MW-21				0.0013/ 0.012		0.028/ 0.026	0.037/ 0.024	0.008 /0.008	0.022	0.00558	0.674	1.10								
MW-22				<0.001		<0.001	<0.001	<0.001	0.002	<0.001	<0.001	0.000795 J	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-23												1.34	0.4354	0.5175	0.5817	0.3279	0.234	0.349	0.181	0.145
MW-24					<0.001	<0.001	<0.001	<0.001	<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-25						0.001/0.001	0.001	<0.001	<0.001	<0.001	<0.001	0.00207	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-26										0.0983			0.955	0.896	1.00				0.959	
MW-27																				
MW-28																	< 0.001	<0.001	<0.001	<0.001
MW-29																	0.006	<0.001	<0.001	0.000938
MW-30																	< 0.001	<0.001	<0.001	<0.001
MW-31																	< 0.001	<0.001	<0.001	<0.001
House well					<0.001	0.001			<0.001	<0.001	<0.001	0.00159	0.01375	0.01724	0.00934	<0.01	0.006240	0.000605	<0.001	0.001332
Irrigation Well				0.276						0.4055	0.4783	0.120	0.278	0.3463	0.236	0.1509	0.175	0.2	.82	0.0904
North water well					0.005	0.005	0.003	0.003	0.003	0.0006	0.002887									
South water well					<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00150								
Wes water well						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001									

Well	Mar-05	Apr-05	Jun-05	Sep-05	Nov-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06
NMG MW-2	<0.001		<0.001	<0.001		<0.001	< 0.001	<0.001	<0.001	<0.001
NMG MW-3	<0.001		<0.001	<0.001		<0.001	< 0.001	<0.001	<0.001	<0.001
NMG MW-4	<0.001		<0.001	<0.001		<0.001	< 0.001	<0.001	<0.001	<0.001
NMG MW-5	0.014		<0.005	<0.005		.0301J	0.618	0.147	0.0902/<0.1	0.275
NMG MW-6		0.154	0.204	0.103		<0.001	< 0.1	0.144	<0.1	0.0126
NMG MW-7		0.2419	0.126	0.171		.0.0916	0.100	0.0998	0.008114	0.00824
NMG MW-8		0.135	0.097	0.083		0.0155	< 0.1	0.0138	0.01504	<0.01
NMG MW-9		0.0144	0.107	0.0931		<0.001	< 0.1	<0.005	<0.005	<0.005
NMG MW-10					1.216	0.784	1.05	.906	0.2102	0.5865
NMG MW-11					<0.001	<0.001	< 0.001	<0.001	<0.005	0.00105
NMG MW-12					0.221	0.121	0.0616	0.00629	0.001788	<0.005
NMG MW-13					<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001/0.002492

Notes: All units in mg/l. Blank cells denote wells that had not been installed or not sampled

Summary of Dissolved Phase Total Xylene Concentrations (continued)

Well	Dec 03/Jan 04	Mar-04	Jun-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06
MW-A	0.762	0.564	0.615	0.718	0.4491	0.4333	0.2958	0.2572	0.378	0.375	0.0794	0.2805
MW-B	0.271	0.2542	0.581	0.368								
MW-C	0.006	0.006176	0.0561	0.0312	0.00905	0.2451						
MW-D	0.004	0.003301	0.0106	0.00879								
MW-E	0.007	<0.001	0.00222	0.02641	0.00856	0.00191	0.0053737	0.005405	0.00907	0.00125	0.03084	0.0029
MW-F	<0.001	<0.001	<0.001	0.001825				<0.001	< 0.001	<0.001	<0.001	<0.001
MW-G	<0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001					
MW-H	<0.001	<0.001	.000749	0.05452								
MW-I	0.003	<0.001	0.002005	0.02842	0.00100	0.00172	0.00399	0.001713	0.0078	0.00249	0.004308	0.00662
MW-J	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	< 0.001	<0.001	<0.001	0.002067
MW-K	<0.001	<0.005	0.00881	0.2318								
MW-L	<.02	0.0114	.0575	0.792								
MW-M	<.02	0.0233	0.03794		0.347	0.2733	<0.200	<1	1.21	0.39	0.527	0.429
MW-N	FPH	FPH		0.2586	0.385	0.717	1.238	0.549				
MW-O	<.05	0.01669	0.0554	0.0895	J [0.137]	0.182	0.7766	<1	0.625	0.134	0.104	0.1599
MW-P	0.018	0.00885	.0237	0.07484								
MW-Q	0.019	0.01009	0.04763	<0.001	0.18	0.144	0.5666	0.0968	0.23	0.139	0.0397/ 0.0426	0.0846
MW-R	0.001	<0.001	0.000825	<0.001								
MW-S	0.001	<0.001	<0.001	<0.02	< 0.001	<0.001	<0.001	<0.001	< 0.001	<0.001	<0.001	<0.001
MW-T	0.023	0.0093	0.0224	0.0238								
MW-AA	0.007	0.002181	0.00528	0.216								
MW-BB	0.011	0.0068										
MW-CC	FPH	FPH										
MW-DD	0.059	0.0491	0.083873	0.1574								
MW-EE	FPH	FPH			1.172							
MW-FF	<.01	<0.02	0.00435	0.0622								
MW-GG	0.014	0.00877	0.01928	0.0624								
MW-HH	<.01	0.00494	0.0641	0.2193								
MW-II	0.028	0.02362	0.1504	0.1493								
MW-JJ	<.02	0.00471	0.0586	0.1436								
MW-KK	0.013	0.03293	0.02187	0.1328								
MW-LL	0.172	0.104	0.3285	0.596								
MW-MM	0.009	0.0025	0.018005	0.01582	0.9449	0.1239	0.0610	0.149	0.144	0.0804	0.0271	0.0527
MW-NN	0.028	0.0296	.04572	0.1828								
MW-OO	0.455	0.3675	0.638	0.642								

Notes: All units in mg/L Blank cells denote wells that had not been installed or not sampled

NPMT

New Pest Management Technologies

EPA Workplan FY2002 lists this pesticide as a:
= "New Chemical Registration Candidate"
= "New Use Candidate for Already-Registered Chemical"
= "Inert Registration Candidates"

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Pesticide information on the Pesticide: **bacillus firmus**
TradeName(s): Bionem, Biosafe

Pesticide: bacillus firmus **Source:** IR4

Status: Potential (Bacterial Nematicide)
(Action)

Pest(s): Controls root knot and other nematodes including Heterodera aven

Crop(s): cucumber
(3) crops pepper, bell and non-bell
tomato

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