

AP-33

**1st Semi Annual
2013 Monitor
Report**

May 30, 2013



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

RECEIVED OCD

May 30, 2013

2013 MAY 31 A 11: 05

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

**RE: 1st Semi Annual 2013 Groundwater Monitoring Report
DCP Eldridge Ranch Study Area (AP#-33)
Unit P, Section 21, Township 19 South, Range 37 East
Lea County, New Mexico**

Dear Mr. Lowe:

DCP Midstream, LP (DCP) is pleased to submit for your review, a one copy of the 1st Semi Annual 2013 Results for the DCP Eldridge Study Area located near Monument, New Mexico (Unit P, Section 21, Township 19 South, Range 37 East).

Based on the historical analytical results, DCP would like to make a request to remove NMG MW-9, MW-J and MW-16 from the semiannual groundwater sampling program.

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

Sincerely

DCP Midstream, LP

Stephen Weathers, P.G.
Principal Environmental Specialist

cc: Geoffrey Leking, OCD Hobbs District Office (Copy on CD)
Environmental Files

First Half 2013 Semi-Annual Groundwater Monitoring Summary Report

Eldridge Ranch
Lea County, New Mexico
AP-33

Prepared for:



370 17th St., Suite 2500
Denver, CO 80202

Prepared by:



6899 Pecos Street, Unit C
Denver, CO 80221

April 25, 2013

RECEIVED OCD
2013 MAY 31 A 11: 05

Table of Contents

1. Introduction	1
2. Site Location and Background.....	1
3. Groundwater Monitoring.....	1
3.1 Groundwater and LNAPL Elevation Monitoring.....	1
3.2 Groundwater Quality Monitoring	2
3.3 Data Quality Assurance / Quality Control.....	3
4. Remediation Activities	3
4.1 Monitored Natural Attenuation.....	3
5. Conclusions	4
6. Recommendations	5

Tables

- | | |
|---|---|
| 1 | First Half 2013 Semi-Annual Summary of Groundwater Elevation Data |
| 2 | First Half 2013 Semi-Annual Summary of BTEX Concentrations in Groundwater |

Figures

- | | |
|---|--|
| 1 | Site Location |
| 2 | Site Map |
| 3 | First Half 2013 Semi-Annual Groundwater Elevation Contour Map – February 19-21, 2013 |
| 4 | First Half 2013 Semi-Annual Benzene Isoconcentration Map |

Appendices

- | | |
|---|-------------------------------|
| A | Laboratory Analytical Results |
| B | Historical Analytical Results |

1. Introduction

This report summarizes groundwater monitoring and remediation activities conducted during the first half of 2013 at the Eldridge Ranch Pipeline Release (Site) in Lea County, New Mexico (Figure 1). Tasman Geosciences, LLC (Tasman) conducted these activities on behalf of DCP Midstream (DCP). The field activities described herein were performed with the purpose of monitoring groundwater flow and quality conditions, and assessing the presence of light non-aqueous phase liquid (LNAPL) hydrocarbons in the Site subsurface. The data collected were used to develop a groundwater elevation map and benzene isoconcentration map to evaluate current conditions at the Site.

2. Site Location and Background

The Site is located in New Mexico Oil Conservation Division (OCD) designated Unit P, Section 21, Township 19 South, Range 37 East, approximately 1 mile north and 3/4 of a mile east of the town of Monument in Lea County, New Mexico. The approximate coordinates are 32.642 degrees north and 103.256 degrees west. The surrounding area is predominantly uninhabited and used for ranching and oil and gas production and gathering. Approximately five underground pipelines traverse the Site (Figure 2).

The Site includes the former Eldridge Ranch property at the south and the former Huston property in the central portion, both of which are owned by DCP. The northern portion of the Site consists of land leased by DCP from the State of New Mexico. The Site spans more than a mile north to south over these three sections. For ease of discussion, the State of New Mexico property will be called the North Area, the Huston property will be called the Central Area, and the Eldridge Property will be called the South Area, as shown on Figure 2.

3. Groundwater Monitoring

This section describes the groundwater field and laboratory activities performed during the reporting period. Monitoring activities were conducted on February 19th through 21st, 2013 and included Site-wide groundwater gauging and sampling. Figure 2 illustrates the groundwater monitoring network utilized to perform these activities at the Site.

3.1 Groundwater and LNAPL Elevation Monitoring

Groundwater and LNAPL levels were measured in order to evaluate hydraulic characteristics and provide information regarding seasonal and annual fluctuations in groundwater elevations at the Site. During the first half 2013, groundwater levels were measured at fifty-eight monitoring well locations. LNAPL was detected within monitoring wells MW-26 (0.64-feet), MW-27 (0.57-feet), and MW-CC (0.65-feet)

where the measured thickness in feet is indicated in parenthesis. Groundwater elevation was corrected for product thickness using an assumed LNAPL density of 0.75 grams per cubic centimeter.

Groundwater levels were measured on the north side of the well casing to the nearest 0.01-foot using an oil-water interface probe (IP). Measured groundwater levels are presented in Table 1. Groundwater level data were later converted to elevation (feet above mean sea level [AMSL]).

Groundwater elevation measurements collected during the reporting period as well as historical elevations are presented in Table 1, and a first half 2013 groundwater elevation contour map is provided as Figure 3. Groundwater elevations ranged from 3,587.81 feet AMSL at monitoring well MW-24 to 3,620.04 feet AMSL at monitoring well NMG MW-3. As illustrated on Figure 3, groundwater flow at the Site generally trends to the south/southeast with a gradient of approximately 0.0048 foot per foot between monitoring wells NMG MW-3 (North Area) and MW-24 (South Area).

3.2 Groundwater Quality Monitoring

Depth to groundwater, the presence of LNAPL, and total well depth (in wells without LNAPL) were measured within Site monitoring wells prior to collecting groundwater samples. A minimum of three well casing volumes of groundwater (calculated from total depth of the well and groundwater level measurements), were purged from the subject well prior to collecting groundwater samples.

Groundwater samples were collected using dedicated polyethylene bailers, placed in clean laboratory supplied containers for the selected analytical methods, packed in an ice-filled cooler and maintained at approximately four (4) degrees Celsius ($^{\circ}\text{C}$) for transportation. Groundwater samples were then shipped under chain-of-custody procedures to Accutest Laboratories (Accutest) in Wheat Ridge, Colorado, for analysis. Water quality parameters were collected during the February 2013 sampling event. Site monitoring wells did not require collection of more than three purge volumes to achieve parameter stabilization. As such, the analytical data are considered to be representative of Site conditions in that a minimum 3 purge volumes were removed from all sampled monitoring wells during the first half 2013 semi-annual event. Water quality samples were submitted for analysis of benzene, toluene, ethylbenzene, and xylenes (BTEX) by United States Environmental Protection Agency (USEPA) Method 8260B.

Water quality samples were collected from fifty monitoring wells. Monitoring wells MW-26, MW-27, and MW-CC were not sampled due to the presence of LNAPL.

Table 2 summarizes BTEX concentrations in groundwater samples collected during the first half 2013 event. A dissolved-phase benzene isoconcentration map is illustrated on Figure 4. Laboratory analytical reports are included in Appendix A, and the results are summarized below.

- Benzene was detected in twenty-three of the sampled monitoring wells. Detected concentrations ranged from 0.00035 milligrams per liter (mg/L) in MW-I to 14.9 mg/L in MW-N. The New Mexico Water Quality Control Commission (NMWQCC) groundwater standard for

benzene, 0.01 mg/L, was exceeded in monitoring wells MW-11, MW-12, MW-23, MW-M, MW-N, MW-O, MW-Q, MW-EE, MW-LL, NMG MW-7, and NMG MW-10.

- Ethylbenzene was detected in nineteen monitoring wells during the first half 2013 semi-annual sampling event with concentrations ranging from 0.00083 mg/L in MW-MM, to 0.282 mg/L in MW-N. Total xylenes were detected in eleven monitoring wells with concentrations ranging from 0.0022 mg/L in MW-EE, to 0.244 mg/L in MW-4. Concentrations did not exceed the NMWQCC groundwater standard for ethylbenzene (0.75 mg/L) or total xylenes (0.62 mg/L) at any sample location.

Table 2 summarizes BTEX concentrations in groundwater samples collected during the first half 2013 event. Laboratory analytical reports for the event are included in Appendix A, and a dissolved-phase benzene isoconcentration map is illustrated on Figure 4.

3.3 Data Quality Assurance / Quality Control

The data were reviewed for compliance with the analytical method and the associated quality assurance/quality control (QA/QC) procedures. All samples were analyzed using the correct analytical methods and within the correct holding times. Chain of custody forms were in order and properly executed and indicate that samples were received at the proper temperature with no headspace. All data were reported using the correct method number and reporting units. A trip blank, matrix spike or matrix spike duplicate (MS/MSD) and three field duplicate samples from wells MW-A, MW-N, and NMG MW-11 were collected during the sampling event. The trip blank was fully in control, having no detections of targets.

Duplicate samples collected at MW-A (DUP A), MW-N (DUP B) and NMG MW-11 (DUP C) were in compliance with QA/QC standards. MW-A and DUP A returned results for benzene of 0.00077 mg/L and 0.00072 mg/L, respectively. MW-N and DUP B returned results for benzene of 14.9 mg/L and 13.0 mg/L, respectively. Benzene concentrations in NMG MW-11 and DUP C were below laboratory detection limits.

The overall QA/QC assessment of the data, based on the data review, indicate that both field precision and overall data precision and accuracy are acceptable.

4. Remediation Activities

There were no active remediation activities conducted during the reporting period.

4.1 Monitored Natural Attenuation

Natural attenuation remains an effective passive remediation strategy to address the dissolved phase petroleum hydrocarbon plumes on Site. Monitoring wells NMG MW-13, MW-30, MW-31, MW-19, MW-17, and MW-24, which serve as point of compliance wells along the southern and eastern plume

boundaries, continue to exhibit BTEX concentrations below laboratory detection limits in the North, Central, and South areas, respectively. Historic and first half 2013 semi-annual analytical data suggests that natural attenuation continues to provide effective remediation of residual dissolved phase hydrocarbon concentrations on Site.

5. Conclusions

Although benzene concentrations exceeded regulatory standards in eleven of the fifty sample locations during the February 2013 monitoring event, BTEX concentrations continue to decrease site-wide. The analytical data from the first half 2013 sampling event concludes the following observations, by area, as described below:

NORTH AREA

- Eight of the twelve wells in the North Area exhibited constituent concentrations below laboratory detection limits during the first half 2013 semi-annual event.
- Although elevated benzene concentrations persist in NMG MW-7 and NMG MW-10, point of compliance wells located down-gradient continue to return non-detect BTEX results indicating the dissolved phase hydrocarbon plume is not advancing.

CENTRAL AREA

- Benzene concentrations remain the highest in the Central Area. However, during the first half 2013 event, concentrations decreased by an order of magnitude in two monitoring wells (MW-10 and MW-M). BTEX concentrations in MW-10 are now below NMWQCC groundwater standards.
- Measurable free phase hydrocarbons persist in monitoring wells MW-27 and MW-CC in the central area and MW-26 at the northwest area.
- BTEX concentrations in point of compliance wells MW-19, MW-30, MW-31, and MW-F located east of the plume boundary remain below laboratory detection limits demonstrating there is no lateral movement of the free and dissolved phase petroleum hydrocarbon plumes.

SOUTH AREA

- During the first half 2013 monitoring event, BTEX concentrations were below NMWQCC regulatory standards at all sample locations in the South Area.
- Constituent concentrations in boundary well MW-24 remain below laboratory detection limits.

6. Recommendations

Based on evaluation of first half 2013 and historical Site observations and monitoring results, the following recommendations have been developed for future activities:

- Conduct vacuum enhanced fluid recovery (EFR) to address the presence of LNAPL at wells MW-26, MW-27, and MW-CC during the next semi-annual event.
- Continue semi-annual groundwater monitoring at all monitoring well locations currently on the Site sampling plan, with the exception of those described below.
- Remove monitoring wells MW-J, NMG MW-9, and MW-16 from the Site sampling plan. Dissolved BTEX concentrations have not been detected in MW-J since December 2006, and MW-18 and MW-19 are located downgradient of this well. Dissolved BTEX concentrations have not been detected in NMG MW-9 since the June 2008 sampling event, and NMG MW-11 and NMG MW-13 are located downgradient. Dissolved BTEX concentrations have not been detected in MW-16 since March 2007, and the downgradient location of MW-17 would continue to provide delineation in this localized area.

Tables

TABLE 1
FIRST HALF 2013 SEMI-ANNUAL
SUMMARY OF GROUNDWATER ELEVATION DATA
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location	Date	Depth to Groundwater (1) (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (2) (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (feet amsl)	Change in Groundwater Elevation Since Previous Event (3) (feet)
MW-1	4/25/2011	18.51				3618.22	3599.71	-0.70
MW-1	9/14/2011	19.09			29.49	3618.22	3599.13	-0.58
MW-1	3/6/2012	19.20			29.49	3618.22	3599.02	-0.11
MW-1	9/7/2012	19.53			29.49	3618.22	3598.69	-0.33
MW-1	2/21/2013	19.56			29.49	3618.22	3598.66	-0.03
MW-1D	4/25/2011	20.05				3616.18	3596.13	-0.72
MW-1D	9/14/2011	20.58			48.38	3616.18	3595.60	-0.53
MW-1D	3/6/2012	20.74			48.38	3616.18	3595.44	-0.16
MW-1D	9/7/2012	21.05			48.38	3616.18	3595.13	-0.31
MW-1D	2/21/2013	21.11			48.38	3616.18	3595.07	-0.06
MW-2	4/25/2011	21.59				3621.63	3600.04	-0.61
MW-2	9/13/2011	22.44			28.92	3621.63	3599.19	-0.85
MW-2	3/6/2012	22.39			28.92	3621.63	3599.24	0.05
MW-2	9/7/2012	22.64			28.92	3621.63	3598.99	-0.25
MW-2	2/21/2013	22.73			28.92	3621.63	3598.90	-0.09
MW-3	4/25/2011	21.56				3621.67	3600.11	-1.34
MW-3	9/13/2011	22.09				3621.67	3599.58	-0.53
MW-3	3/7/2012	22.24				3621.67	3599.43	-0.15
MW-3	9/7/2012	22.60				3621.67	3599.07	-0.36
MW-3	2/21/2013	22.76				3621.67	3598.91	-0.16
MW-4	4/25/2011	21.01				3621.31	3600.30	-1.01
MW-4	9/14/2011	21.67			29.34	3621.31	3599.64	-0.66
MW-4	3/6/2012	22.68			29.34	3621.31	3598.63	-1.01
MW-4	9/7/2012	22.13			29.34	3621.31	3599.18	0.55
MW-4	2/21/2013	22.19			29.34	3621.31	3599.12	-0.06
MW-5	4/25/2011	16.96				3618.08	3601.12	-0.93
MW-5	9/14/2011	17.71			27.55	3618.08	3600.37	-0.75
MW-5	3/6/2012	17.66			27.55	3618.08	3600.42	0.05
MW-5	9/7/2012	18.19			27.55	3618.08	3599.89	-0.53
MW-5	2/21/2013	17.98			27.55	3618.08	3600.10	0.21
MW-6	4/25/2011	20.45				3624.99	3604.54	-1.41
MW-6	9/14/2011	21.14			29.83	3624.99	3603.85	-0.69
MW-6	3/6/2012	22.06			29.83	3624.99	3602.93	-0.92
MW-6	9/7/2012	21.70			29.83	3624.99	3603.29	0.36
MW-6	2/21/2013	21.85			29.83	3624.99	3603.14	-0.15
MW-7	4/25/2011	26.04				3630.62	3604.58	-0.69
MW-7	9/13/2011	26.49				3630.62	3604.13	-0.45
MW-7	3/7/2012	26.85				3630.62	3603.77	-0.36
MW-7	9/7/2012	27.12				3630.62	3603.50	-0.27
MW-7	2/21/2013	29.92				3630.62	3600.70	-2.80
MW-8	4/25/2011	22.14				3625.92	3603.78	-1.04
MW-8	9/14/2011	22.95			32.49	3625.92	3602.97	-0.81
MW-8	3/8/2012	23.12			32.49	3625.92	3602.80	-0.17
MW-8	9/6/2012	23.52			32.49	3625.92	3602.40	-0.40
MW-8	2/20/2013	23.70			32.49	3625.92	3602.22	-0.18

TABLE 1
FIRST HALF 2013 SEMI-ANNUAL
SUMMARY OF GROUNDWATER ELEVATION DATA
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location	Date	Depth to Groundwater (1) (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (2) (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (feet amsl)	Change in Groundwater Elevation Since Previous Event (3) (feet)
MW-9	4/25/2011	18.18				3620.78	3602.60	-1.03
MW-9	9/14/2011	19.16			29.72	3620.78	3601.62	-0.98
MW-9	3/7/2012	19.20			29.72	3620.78	3601.58	-0.04
MW-9	9/6/2012	19.76			29.72	3620.78	3601.02	-0.56
MW-9	2/20/2013	19.80			29.72	3620.78	3600.98	-0.04
MW-10	4/25/2011	21.8				3627.27	3605.47	-0.95
MW-10	9/14/2011	22.77			32.81	3627.27	3604.50	-0.97
MW-10	3/8/2012	22.97			32.81	3627.27	3604.30	-0.20
MW-10	9/6/2012	23.40			32.81	3627.27	3603.87	-0.43
MW-10	2/20/2013	23.56			32.81	3627.27	3603.71	-0.16
MW-11	4/25/2011	22.6				3627.56	3604.96	-1.01
MW-11	9/14/2011	23.32			32.72	3627.56	3604.24	-0.72
MW-11	3/8/2012	23.61			32.72	3627.56	3603.95	-0.29
MW-11	9/6/2012	23.95			32.72	3627.56	3603.61	-0.34
MW-11	2/20/2013	24.16			32.72	3627.56	3603.40	-0.21
MW-12	4/25/2011	24.96				3631.14	3606.18	-0.91
MW-12	9/14/2011	25.62			34.27	3631.14	3605.52	-0.66
MW-12	3/8/2012	25.90			34.27	3631.14	3605.24	-0.28
MW-12	9/6/2012	26.22			34.27	3631.14	3604.92	-0.32
MW-12	2/20/2013	26.46			34.27	3631.14	3604.68	-0.24
MW-13	4/25/2011	26.43				3632.9	3606.47	-1.13
MW-13	9/13/2011	NM				3632.9	NM	NM
MW-13	3/8/2012	27.45				3632.9	3605.45	-1.02
MW-13	9/6/2012	27.92				3632.9	3604.98	-0.47
MW-13	2/19/2013	28.09				3632.9	3604.81	-0.17
MW-14	4/25/2011	22.92				3630.36	3607.44	-1.00
MW-14	9/14/2011	23.40			34.06	3630.36	3606.96	-0.48
MW-14	3/8/2012	23.90			34.06	3630.36	3606.46	-0.50
MW-14	9/6/2012	24.28			34.06	3630.36	3606.08	-0.38
MW-14	2/19/2013	24.51			34.06	3630.36	3605.85	-0.23
MW-15	4/25/2011	26.16				3635.47	3609.31	-0.60
MW-15	9/14/2011	NM				3635.47	NM	NM
MW-15	3/7/2012	26.75				3635.47	3608.72	
MW-15	9/6/2012	26.90				3635.47	3608.57	-0.15
MW-15	2/21/2013	27.01				3635.47	3608.46	-0.11
MW-16	4/25/2011	17.04				3611.54	3594.50	-0.46
MW-16	9/13/2011	18.24			27.98	3611.54	3593.30	-1.20
MW-16	3/7/2012	18.08			27.98	3611.54	3593.46	0.16
MW-16	9/7/2012	18.56			27.98	3611.54	3592.98	-0.48
MW-16	2/21/2013	18.47			27.98	3611.54	3593.07	0.09
MW-17	4/25/2011	14.75				3608.83	3594.08	-0.70
MW-17	9/13/2011	15.39			27.51	3608.83	3593.44	-0.64
MW-17	3/7/2012	15.30			27.51	3608.83	3593.53	0.09
MW-17	9/7/2012	NM ⁽⁴⁾			27.51	3608.83	NM	NM
MW-17	2/21/2013	15.65			27.51	3608.83	3593.18	-0.35
MW-18	4/25/2011	21.69				3623.53	3601.84	-1.24
MW-18	9/14/2011	22.78			34.94	3623.53	3600.75	-1.09
MW-18	3/8/2012	22.76			34.94	3623.53	3600.77	0.02
MW-18	9/6/2012	23.41			34.94	3623.53	3600.12	-0.65
MW-18	2/21/2013	23.29			34.94	3623.53	3600.24	0.12

TABLE 1
FIRST HALF 2013 SEMI-ANNUAL
SUMMARY OF GROUNDWATER ELEVATION DATA
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location	Date	Depth to Groundwater (1) (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (2) (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (feet amsl)	Change in Groundwater Elevation Since Previous Event (3) (feet)
MW-19	4/25/2011	16.56				3617.99	3601.43	-1.21
MW-19	9/14/2011	17.77			29.95	3617.99	3600.22	-1.21
MW-19	3/7/2012	17.64			29.95	3617.99	3600.35	0.13
MW-19	9/7/2012	18.41			29.95	3617.99	3599.58	-0.77
MW-19	2/21/2013	18.18			29.95	3617.99	3599.81	0.23
MW-20	4/25/2011	30.41				3637.14	3606.73	-0.64
MW-20	9/14/2011	30.61			35.22	3637.14	3606.53	-0.20
MW-20	3/8/2012	30.85			35.22	3637.14	3606.29	-0.24
MW-20	9/8/2012	31.19			35.22	3637.14	3605.95	-0.34
MW-20	2/20/2013	31.38			35.22	3637.14	3605.76	-0.19
MW-21	4/25/2011	24.94				3633.27	3608.33	-0.98
MW-21	9/14/2011	NM				3633.27	NM	NM
MW-21	3/8/2012	26.0				3633.27	3607.27	-1.06
MW-21	9/5/2012	NM				3633.27	NM	NM
MW-21	2/19/2013	26.55				3633.27	3606.72	-0.55
MW-22	4/25/2011	21.2				3628.68	3607.48	-0.97
MW-22	9/14/2011	NM				3628.68	NM	NM
MW-22	3/8/2012	DRY				3628.68	NM	NM
MW-22	9/6/2012	22.70				3628.68	3605.98	NM
MW-22	2/19/2013	22.08				3628.68	3606.60	0.62
MW-23	4/25/2011	23.33				3632.02	3608.69	-0.74
MW-23	9/14/2011	23.92			32.98	3632.02	3608.10	-0.59
MW-23	3/8/2012	24.10			32.98	3632.02	3607.92	-0.18
MW-23	9/6/2012	24.33			32.98	3632.02	3607.69	-0.23
MW-23	2/19/2013	24.50			32.98	3632.02	3607.52	-0.17
MW-24	4/25/2011	20.6				3609.15	3588.55	-0.87
MW-24	9/13/2011	21.04			37.35	3609.15	3588.11	-0.44
MW-24	3/7/2012	21.09			37.35	3609.15	3588.06	-0.05
MW-24	9/7/2012	21.34			37.35	3609.15	3587.81	-0.25
MW-24	2/21/2013	21.34			37.35	3609.15	3587.81	0.00
MW-25	4/25/2011	27.61				3640.14	3612.53	-0.41
MW-25	9/13/2011	27.85			35.44	3640.14	3612.29	-0.24
MW-25	3/7/2012	27.97			35.44	3640.14	3612.17	-0.12
MW-25	9/5/2012	28.05			35.44	3640.14	3612.09	-0.08
MW-25	2/19/2013	28.15			35.44	3640.14	3611.99	-0.10
MW-26*	4/25/2011	24.59	24.29	0.30		3635.01	3610.42	-0.74
MW-26*	9/14/2011	25.26	24.65	0.61		3635.01	3610.21	-0.21
MW-26*	3/8/2012	25.85	24.77	1.08		3635.01	3609.97	-0.24
MW-26*	9/6/2012	25.45	25.10	0.35		3635.01	3609.82	-0.15
MW-26*	2/19/2013	25.86	25.22	0.64		3635.01	3609.63	-0.19
MW-27*	4/25/2011	28.45	27.77	0.68		3636.41	3607.96	-1.33
MW-27*	9/14/2011	29.11	28.62	0.49		3636.41	3607.67	-0.29
MW-27*	3/8/2012	29.58	28.90	0.68		3636.41	3607.34	-0.33
MW-27	9/6/2012	29.30				3636.41	3607.11	-0.23
MW-27*	2/19/2013	29.91	29.34	0.57		3636.41	3606.93	-0.18
MW-28	4/25/2011	22.5				3632.58	3610.08	-0.69
MW-28	9/14/2011	23.23			32.15	3632.58	3609.35	-0.73
MW-28	3/7/2012	23.34			32.15	3632.58	3609.24	-0.11
MW-28	9/5/2012	23.66			32.15	3632.58	3608.92	-0.32
MW-28	2/19/2013	23.84			32.15	3632.58	3608.74	-0.18

TABLE 1
FIRST HALF 2013 SEMI-ANNUAL
SUMMARY OF GROUNDWATER ELEVATION DATA
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location	Date	Depth to Groundwater (1) (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (2) (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (feet amsl)	Change in Groundwater Elevation Since Previous Event (3) (feet)
MW-29	4/25/2011	24.99				3634.17	3609.18	-0.64
MW-29	9/14/2011	25.66			34.83	3634.17	3608.51	-0.67
MW-29	3/7/2012	25.85			34.83	3634.17	3608.32	-0.19
MW-29	9/6/2012	26.08			34.83	3634.17	3608.09	-0.23
MW-29	2/20/2013	26.24			34.83	3634.17	3607.93	-0.16
MW-30	4/25/2011	23.09				3630.76	3607.67	-0.85
MW-30	9/14/2011	23.85			32.53	3630.76	3606.91	-0.76
MW-30	3/7/2012	23.90			32.53	3630.76	3606.86	-0.05
MW-30	9/6/2012	24.28			32.53	3630.76	3606.48	-0.38
MW-30	2/20/2013	24.37			32.53	3630.76	3606.39	-0.09
MW-31	4/25/2011	19.6				3625.38	3605.78	-1.10
MW-31	9/14/2011	20.63			28.55	3625.38	3604.75	-1.03
MW-31	3/7/2012	20.67			28.55	3625.38	3604.71	-0.04
MW-31	9/6/2012	21.20			28.55	3625.38	3604.18	-0.53
MW-31	2/20/2013	21.28			28.55	3625.38	3604.10	-0.08
MW-A	4/25/2011	20.33				3616.26	3595.93	-0.84
MW-A	9/14/2011	20.79			26.64	3616.26	3595.47	-0.46
MW-A	3/6/2012	20.90			26.64	3616.26	3595.36	-0.11
MW-A	9/7/2012	21.26			26.64	3616.26	3595.00	-0.36
MW-A	2/21/2013	21.29			26.64	3616.26	3594.97	-0.03
MW-E	4/25/2011	20.19				3620.44	3600.25	-0.94
MW-E	9/14/2011	21.07			28.58	3620.44	3599.37	-0.88
MW-E	3/7/2012	20.98			28.58	3620.44	3599.46	0.09
MW-E	9/7/2012	21.60			28.58	3620.44	3598.84	-0.62
MW-E	2/21/2013	21.44			28.58	3620.44	3599.00	0.16
MW-F	4/25/2011	15.78				3616.44	3600.66	-1.13
MW-F	9/14/2011	16.82			27.1	3616.44	3599.62	-1.04
MW-F	3/7/2012	16.60			27.1	3616.44	3599.84	0.22
MW-F	9/7/2012	17.38			27.1	3616.44	3599.06	-0.78
MW-F	2/21/2013	17.14			27.1	3616.44	3599.30	0.24
MW-I	4/25/2011	23.68				3627.63	3603.95	-1.19
MW-I	9/14/2011	24.54			36.63	3627.63	3603.09	-0.86
MW-I	3/6/2012	24.75			36.63	3627.63	3602.88	-0.21
MW-I	9/6/2012	25.16			36.63	3627.63	3602.47	-0.41
MW-I	2/21/2013	25.24			36.63	3627.63	3602.39	-0.08
MW-J	4/25/2011	21.35				3624.79	3603.44	-1.23
MW-J	9/14/2011	22.39			28.2	3624.79	3602.40	-1.04
MW-J	3/6/2012	22.45			28.2	3624.79	3602.34	-0.06
MW-J	9/6/2012	22.99			28.2	3624.79	3601.80	-0.54
MW-J	2/21/2013	23.00			28.2	3624.79	3601.79	-0.01
MW-M	4/25/2011	26.88				3634.1	3607.22	-1.10
MW-M	9/14/2011	27.62			40.57	3634.1	3606.48	-0.74
MW-M	3/8/2012	27.90			40.57	3634.1	3606.20	-0.28
MW-M	9/6/2012	28.25			40.57	3634.1	3605.85	-0.35
MW-M	2/20/2013	28.52			40.57	3634.1	3605.58	-0.27
MW-N	4/25/2011	28.2				3635.45	3607.25	-1.12
MW-N	9/14/2011	29.09			38.8	3635.45	3606.36	-0.89
MW-N	3/8/2012	29.44			38.8	3635.45	3606.01	-0.35
MW-N	9/6/2012	29.72			38.8	3635.45	3605.73	-0.28
MW-N	2/20/2013	29.95			38.8	3635.45	3605.50	-0.23

TABLE 1
FIRST HALF 2013 SEMI-ANNUAL
SUMMARY OF GROUNDWATER ELEVATION DATA
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location	Date	Depth to Groundwater (1) (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (2) (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (feet amsl)	Change in Groundwater Elevation Since Previous Event (3) (feet)
MW-O	4/25/2011	26.83				3634.05	3607.22	-1.14
MW-O	9/14/2011	27.71			38.62	3634.05	3606.34	-0.88
MW-O	3/8/2012	27.91			38.62	3634.05	3606.14	-0.20
MW-O	9/6/2012	28.40			38.62	3634.05	3605.65	-0.49
MW-O	2/20/2013	28.54			38.62	3634.05	3605.51	-0.14
MW-Q	4/25/2011	23.45				3631.59	3608.14	-1.12
MW-Q	9/14/2011	24.33			36.93	3631.59	3607.26	-0.88
MW-Q	3/8/2012	24.52			36.93	3631.59	3607.07	-0.19
MW-Q	9/6/2012	25.00			36.93	3631.59	3606.59	-0.48
MW-Q	2/20/2013	25.16			36.93	3631.59	3606.43	-0.16
MW-S	4/25/2011	16.1				3622.2	3606.10	-1.07
MW-S	9/14/2011	16.97			31.19	3622.2	3605.23	-0.87
MW-S	3/8/2012	17.14			31.19	3622.2	3605.06	-0.17
MW-S	9/6/2012	17.61			31.19	3622.2	3604.59	-0.47
MW-S	2/20/2013	17.74			31.19	3622.2	3604.46	-0.13
MW-CC*	4/25/2011	27.58	27.28	0.30		3635.22	3607.64	-0.53
MW-CC*	9/14/2011	29.06	28.41	0.65		3635.22	3606.65	-0.99
MW-CC*	3/8/2012	29.36	28.67	0.69		3635.22	3606.38	-0.27
MW-CC*	9/6/2012	29.75	29.06	0.69		3635.22	3605.99	-0.39
MW-CC*	2/19/2013	30.20	29.55	0.65		3635.22	3605.51	-0.48
MW-EE	4/25/2011	23.31				3632.32	3609.01	0.32
MW-EE	9/14/2011	23.90			34.38	3632.32	3608.42	-0.59
MW-EE	3/8/2012	24.10			34.38	3632.32	3608.22	-0.20
MW-EE	9/6/2012	24.30			34.38	3632.32	3608.02	-0.20
MW-EE	2/19/2013	24.45			34.38	3632.32	3607.87	-0.15
MW-LL	4/25/2011	28.21				3635.41	3607.20	-1.16
MW-LL	9/14/2011	29.05			39.65	3635.41	3606.36	-0.84
MW-LL	3/8/2012	29.25			39.65	3635.41	3606.16	-0.20
MW-LL	9/6/2012	29.72			39.65	3635.41	3605.69	-0.47
MW-LL	2/20/2013	29.90			39.65	3635.41	3605.51	-0.18
MW-MM	4/25/2011	23.09				3631.61	3608.52	-1.06
MW-MM	9/14/2011	23.77			36.82	3631.61	3607.84	-0.68
MW-MM	3/8/2012	24.02			36.82	3631.61	3607.59	-0.25
MW-MM	9/6/2012	24.35			36.82	3631.61	3607.26	-0.33
MW-MM	2/19/2013	24.58			36.82	3631.61	3607.03	-0.23
NMG MW2	4/25/2011	28.76				3646.9	3618.14	-0.16
NMG MW2	9/13/2011	29.18			37.28	3646.9	3617.72	-0.42
NMG MW2	3/7/2012	29.31			37.28	3646.9	3617.59	-0.13
NMG MW2	9/5/2012	29.52			37.28	3646.9	3617.38	-0.21
NMG MW2	2/20/2013	29.67			37.28	3646.9	3617.23	-0.15
NMG MW3	4/25/2011	29.21				3649.8	3620.59	-0.26
NMG MW3	9/13/2011	29.47			39.25	3649.8	3620.33	-0.26
NMG MW3	3/7/2012	29.53			39.25	3649.8	3620.27	-0.06
NMG MW3	9/5/2012	29.67			39.25	3649.8	3620.13	-0.14
NMG MW3	2/20/2013	29.76			39.25	3649.8	3620.04	-0.09
NMG MW4	4/25/2011	29.31				3646.08	3616.77	-0.42
NMG MW4	9/13/2011	29.68			36.81	3646.08	3616.40	-0.37
NMG MW4	3/7/2012	29.82			36.81	3646.08	3616.26	-0.14
NMG MW4	9/5/2012	30.04			36.81	3646.08	3616.04	-0.22
NMG MW4	2/19/2013	30.18			36.81	3646.08	3615.90	-0.14

TABLE 1
FIRST HALF 2013 SEMI-ANNUAL
SUMMARY OF GROUNDWATER ELEVATION DATA
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location	Date	Depth to Groundwater (1) (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (2) (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (feet amsl)	Change in Groundwater Elevation Since Previous Event (3) (feet)
NMG MW5	4/25/2011	31.22				3648.55	3617.33	-0.62
NMG MW5	9/13/2011	31.65			38.65	3648.55	3616.90	-0.43
NMG MW5	3/7/2012	31.72			38.65	3648.55	3616.83	-0.07
NMG MW5	9/5/2012	32.00			38.65	3648.55	3616.55	-0.28
NMG MW5	2/19/2013	32.12			38.65	3648.55	3616.43	-0.12
NMG MW6	4/25/2011	30.02				3646.62	3616.6	-0.62
NMG MW6	9/13/2011	30.60			38.31	3646.62	3616.02	-0.58
NMG MW6	3/7/2012	30.72			38.31	3646.62	3615.90	-0.12
NMG MW6	9/5/2012	30.94			38.31	3646.62	3615.68	-0.22
NMG MW6	2/19/2013	31.09			38.31	3646.62	3615.53	-0.15
NMG MW7	4/25/2011	28.67				3644.18	3615.51	-0.54
NMG MW7	9/13/2011	29.35			37.45	3644.18	3614.83	-0.68
NMG MW7	3/7/2012	29.47			37.45	3644.18	3614.71	-0.12
NMG MW7	9/5/2012	29.74			37.45	3644.18	3614.44	-0.27
NMG MW7	2/20/2013	29.92			37.45	3644.18	3614.26	-0.18
NMG MW8	4/25/2011	30.98				3647.18	3616.2	-0.66
NMG MW8	9/13/2011	31.55			38.27	3647.18	3615.63	-0.57
NMG MW8	3/7/2012	31.65			38.27	3647.18	3615.53	-0.10
NMG MW8	9/5/2012	31.92			38.27	3647.18	3615.26	-0.27
NMG MW8	2/19/2013	32.10			38.27	3647.18	3615.08	-0.18
NMG MW9	4/25/2011	27.16				3642.12	3614.96	-0.70
NMG MW9	9/13/2011	27.87			31.48	3642.12	3614.25	-0.71
NMG MW9	3/7/2012	27.97			31.48	3642.12	3614.15	-0.10
NMG MW9	9/5/2012	28.31			31.48	3642.12	3613.81	-0.34
NMG MW9	2/19/2013	28.45			31.48	3642.12	3613.67	-0.14
NMG MW10	4/25/2011	26.66				3641.78	3615.12	-0.65
NMG MW10	9/13/2011	26.62			32.12	3641.78	3615.16	0.04
NMG MW10	3/7/2012	27.45			32.12	3641.78	3614.33	-0.83
NMG MW10	9/5/2012	27.75			32.12	3641.78	3614.03	-0.30
NMG MW10	2/19/2013	27.96			32.12	3641.78	3613.82	-0.21
NMG MW11	4/25/2011	25.91				3640.37	3614.46	-0.63
NMG MW11	9/13/2011	26.62			32.25	3640.37	3613.75	-0.71
NMG MW11	3/7/2012	26.74			32.25	3640.37	3613.63	-0.12
NMG MW11	9/5/2012	27.05			32.25	3640.37	3613.32	-0.31
NMG MW11	2/19/2013	27.24			32.25	3640.37	3613.13	-0.19
NMG MW12	4/25/2011	25.59				3638.2	3612.61	-0.64
NMG MW12	9/13/2011	26.30			32.6	3638.2	3611.90	-0.71
NMG MW12	3/7/2012	26.41			32.6	3638.2	3611.79	-0.11
NMG MW12	9/5/2012	26.72			32.6	3638.2	3611.48	-0.31
NMG MW12	2/19/2013	26.92			32.6	3638.2	3611.28	-0.20
NMG MW13	4/25/2011	24.15				3636.64	3612.49	-0.74
NMG MW13	9/13/2011	24.82			27.73	3636.64	3611.82	-0.67
NMG MW13	3/7/2012	24.98			27.73	3636.64	3611.66	-0.16
NMG MW13	9/5/2012	25.26			27.73	3636.64	3611.38	-0.28
NMG MW13	2/20/2013	25.46			27.73	3636.64	3611.18	-0.20
Average change in groundwater elevation since the previous monitoring event								-0.16

TABLE 1
FIRST HALF 2013 SEMI-ANNUAL
SUMMARY OF GROUNDWATER ELEVATION DATA
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location	Date	Depth to Groundwater (1) (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (2) (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (feet amsl)	Change in Groundwater Elevation Since Previous Event (3) (feet)
----------	------	--	-------------------------------	--	------------------------------	------------------------------	---	---

Notes:

1- Depths measured from the north edge of the well casing.

2- Total depths were collected and recorded during the first half semi-annual 2013 monitoring event.

3- Changes in groundwater elevation calculated by subtracting the measurement collected during the previous monitoring even from the measurement collected during the most recent monitoring event.

4- MW-17 was not measured due to a biological growth obstruction at 15.47 bgs.

Data presented for all well locations includes previous four sampling events, when available. Historic groundwater analytical results for these locations may be found in Appendix B.

* Groundwater elevation was corrected for product thickness using the following calculation:

Groundwater elevation = (TOC Elevation - Measured Depth to Water) + (LNAPL Thickness in Well * LNAPL Density)

LNAPL density was assumed to be approximately 0.75 grams per cubic centimeter

TABLE 2
FIRST HALF 2013 SEMI-ANNUAL
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (Mg/L)		0.01	0.75	0.75	0.62	
MW-1	4/25/2011	0.0053	<0.002	0.0302	0.0302	
MW-1	9/14/2011	0.0031	<0.002	0.0194	0.0075	
MW-1	3/6/2012	0.0027	<0.002	<0.002	<0.004	
MW-1	9/7/2012	0.0023	<0.002	0.0156	<0.003	
MW-1	2/21/2013	0.0021	<0.002	0.0153	<0.003	
MW-1D	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-1D	9/14/2011	<0.001	<0.002	0.0005	<0.004	
MW-1D	3/6/2012	<0.001	<0.002	<0.002	<0.004	
MW-1D	9/7/2012	<0.001	<0.002	<0.002	<0.003	
MW-1D	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-4	4/25/2011	0.0013	0.0022	0.159	0.481	
MW-4	9/14/2011	0.0011	<0.004	0.0968	0.291	
MW-4	3/6/2012	0.00033	<0.002	0.0407	0.397	
MW-4	9/7/2012	0.00059	0.0012	0.078	0.29	
MW-4	2/21/2013	0.00049	<0.002	0.0802	0.244	
MW-5	4/25/2011	0.00047	<0.002	0.0122	0.0422	
MW-5	9/14/2011	0.00028	<0.002	0.0091	0.0314	
MW-5	3/6/2012	<0.001	<0.002	0.0095	0.0351	
MW-5	9/7/2012	0.00034	<0.002	0.0073	0.0253	
MW-5	2/21/2013	0.00045	<0.002	0.0068	0.0242	
MW-6	4/25/2011	<0.001	<0.002	0.00041	<0.002	
MW-6	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-6	3/6/2012	<0.001	<0.002	<0.002	<0.004	
MW-6	9/7/2012	<0.001	<0.002	<0.002	<0.003	
MW-6	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-8	4/25/2011	0.0273	<0.002	0.112	0.236	
MW-8	9/14/2011	0.0117	<0.004	0.0659	0.136	
MW-8	3/8/2012	0.0085	<0.002	0.0473	0.121	Duplicate C sample collected
MW-8	9/6/2012	0.0029	<0.002	0.131	0.344	Duplicate C sample collected
MW-8	2/20/2013	0.0024	<0.002	0.0375	0.0966	
MW-9	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-9	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-9	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-9	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-9	2/20/2013	<0.001	<0.002	<0.002	<0.003	
MW-10	4/25/2011	0.0179	<0.002	0.0078	0.0084	
MW-10	9/14/2011	0.0202	<0.002	0.0041	0.0044	
MW-10	3/8/2012	0.0078	<0.002	0.00086	<0.004	
MW-10	9/6/2012	0.0102	<0.002	0.0012	<0.003	
MW-10	2/20/2013	0.0044	<0.002	<0.002	<0.003	
MW-11	4/25/2011	2.92	<0.05	0.22	0.22	
MW-11	9/14/2011	3.52	<0.20	0.37	0.403	
MW-11	3/8/2012	2.01	<0.20	0.17	<0.40	
MW-11	9/6/2012	1.85	<0.05	0.139	0.0774	
MW-11	2/20/2013	2.04	<0.05	0.102	<0.075	

TABLE 2
FIRST HALF 2013 SEMI-ANNUAL
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (Mg/L)		0.01	0.75	0.75	0.62	
MW-12	9/15/2010	12.4	0.141	0.237	0.109	
MW-12	4/25/2011	11.6	<0.2	0.261	0.0739	
MW-12	9/14/2011	9.51	<0.20	0.307	<0.40	
MW-12	3/8/2012	17.0	<0.20	0.71	<0.40	
MW-12	9/6/2012	7.12	<0.20	0.337	<0.30	
MW-12	2/20/2013	3.10	<0.10	0.187	<0.15	
MW-14	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-14	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-14	3/8/2012	<0.001	<0.002	<0.002	<0.004	
MW-14	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-14	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-16	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-16	9/7/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-17	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-17	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-17	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-17 ⁽³⁾	9/7/2012	NS	NS	NS	NS	
MW-17	2/22/2013	<0.001	<0.002	<0.002	<0.003	
MW-18	4/25/2011	0.0019	<0.002	0.0054	0.0222	
MW-18	9/14/2011	0.0019	<0.002	0.0053	0.0073	
MW-18	3/8/2012	0.00038	<0.002	0.0012	<0.004	
MW-18	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-18	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-19	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-19	9/7/2012	0.00032	<0.002	<0.002	<0.003	
MW-19	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-20	3/8/2012	NS	NS	NS	NS	
MW-20	9/7/2012	NS	NS	NS	NS	
MW-20	2/20/2013	<0.001	<0.002	<0.002	<0.003	
MW-22	4/25/2011	NS	NS	NS	NS	
MW-22	9/14/2011	NS	NS	NS	NS	
MW-22	3/8/2012	NS	NS	NS	NS	
MW-22	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-22	2/19/2013	NS	NS	NS	NS	
MW-23	4/25/2011	0.0392	<0.002	0.0589	0.006	
MW-23	9/14/2011	0.0588	<0.004	0.121	<0.008	Duplicate B sample collected
MW-23	3/8/2012	0.0505	<0.002	0.127	0.0034	
MW-23	9/6/2012	0.029	<0.002	0.094	0.0032	
MW-23	2/19/2013	0.0509	<0.002	0.0698	0.0024	

TABLE 2
FIRST HALF 2013 SEMI-ANNUAL
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (Mg/L)		0.01	0.75	0.75	0.62	
MW-24	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-24	9/14/2011	0.00051	<0.002	<0.002	<0.004	
MW-24	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-24	9/7/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-25	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-25	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-25	9/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-26	4/25/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-26	9/14/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-26	3/8/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-26	9/7/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-26	2/19/2013	LNAPL	LNAPL	LNAPL	LNAPL	
MW-28	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-28	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-28	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-28	9/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-28	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-29	4/25/2011	0.0006	<0.002	<0.002	<0.002	
MW-29	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-29	3/7/2012	0.00028	<0.002	<0.002	<0.004	
MW-29	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-29	2/20/2013	<0.001	<0.002	<0.002	<0.003	
MW-30	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-30	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-30	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-30	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-30	2/20/2013	<0.001	<0.002	<0.002	<0.003	
MW-31	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-31	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-31	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-31	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-31	2/20/2013	<0.001	<0.002	<0.002	<0.003	
House Well	4/25/2011	0.00062	<0.002	<0.002	<0.002	
House Well	9/14/2011	0.0088	<0.002	0.00074	<0.004	Duplicate C sample collected
House Well	3/6/2012	0.00044	<0.002	<0.002	<0.004	
House Well	9/6/2012	<0.001	<0.002	<0.002	<0.003	
House Well	2/21/2013	<0.001	<0.002	<0.002	<0.003	
Irrigation Well	4/25/2011	0.0023	<0.002	0.0181	0.0324	
Irrigation Well	9/14/2011	0.0049	<0.002	0.0167	0.0236	
Irrigation Well	3/6/2012	0.0017	<0.002	0.0108	0.0158	Duplicate A sample collected
Irrigation Well	9/6/2012	0.0048	<0.002	0.015	0.0114	Duplicate A sample collected
Irrigation Well	2/21/2013	0.0027	<0.002	0.0117	0.0116	

TABLE 2
FIRST HALF 2013 SEMI-ANNUAL
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (Mg/L)		0.01	0.75	0.75	0.62	
MW-A	4/25/2011	0.0016	0.0917	0.245	0.245	
MW-A	9/14/2011	0.001	<0.002	0.0753	0.217	
MW-A	3/6/2012	0.00073	<0.002	0.081	0.222	
MW-A	9/7/2012	0.00087	<0.002	0.076	0.206	
MW-A	2/21/2013	0.00077	<0.002	0.0713	0.189	Duplicate A sample collected
MW-E	4/25/2011	0.0039	<0.002	<0.002	<0.002	
MW-E	9/14/2011	0.0043	<0.002	0.00097	<0.004	
MW-E	3/7/2012	0.0025	<0.002	<0.002	<0.004	
MW-E	9/7/2012	0.0018	<0.002	<0.002	<0.003	
MW-E	2/21/2013	0.0027	<0.002	<0.002	<0.003	
MW-F	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-F	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-F	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-F	9/7/2012	<0.001	<0.002	<0.002	<0.003	
MW-F	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-I	4/25/2011	0.00071	0.00041	<0.002	<0.002	
MW-I	9/14/2011	0.00082	<0.002	<0.002	<0.004	
MW-I	3/6/2012	0.00068	<0.002	<0.002	<0.004	
MW-I	9/6/2012	0.00043	<0.002	<0.002	<0.003	
MW-I	2/21/2013	0.00035	<0.002	<0.002	<0.003	
MW-J	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-J	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-J	3/6/2012	<0.001	<0.002	<0.002	<0.004	
MW-J	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-J	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-M	4/25/2011	12.7	0.318	0.288	0.288	
MW-M	9/14/2011	8.53	<0.20	0.347	0.214	
MW-M	3/8/2012	3.72	<0.20	0.296	<0.40	
MW-M	9/6/2012	1.27	<0.10	0.188	0.107	
MW-M	2/20/2013	0.647	<0.02	0.192	0.087	
MW-N	4/25/2011	15.8	0.305	0.478	0.478	
MW-N	9/14/2011	15.0	0.982	0.315	0.380	
MW-N	3/8/2012	15.4	2.21	0.417	0.414	
MW-N	9/6/2012	13.7	3.47	0.603	2.000	
MW-N	2/20/2013	14.9	0.173	0.282	0.0714	Duplicate B sample collected
MW-O	4/25/2011	8.23	0.275	<0.1	<0.1	
MW-O	9/14/2011	6.93	0.0022	0.244	<0.004	
MW-O	3/8/2012	7.61	<0.20	0.195	<0.40	
MW-O	9/6/2012	8.04	<0.10	0.185	<0.15	
MW-O	2/20/2013	10.5	<0.10	0.131	<0.15	
MW-Q	4/25/2011	0.948	0.0184	<0.02	<0.02	
MW-Q	9/14/2011	0.896B	<0.002	0.0108	<0.004	
MW-Q	3/8/2012	0.814	<0.02	<0.02	<0.04	
MW-Q	9/6/2012	0.738	<0.002	0.0062	<0.003	
MW-Q	2/20/2013	0.750	<0.01	0.0017	<0.015	

TABLE 2
FIRST HALF 2013 SEMI-ANNUAL
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (Mg/L)		0.01	0.75	0.75	0.62	
MW-S	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-S	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-S	3/8/2012	<0.001	<0.002	<0.002	<0.004	
MW-S	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-S	2/20/2013	<0.001	<0.002	<0.002	<0.003	
MW-EE	4/25/2011	0.707	0.0128	0.011	0.011	
MW-EE	9/14/2011	0.447	<0.002	0.0089	0.0041	Duplicate A sample collected
MW-EE	3/8/2012	0.0735	<0.002	0.0011	<0.004	
MW-EE	9/6/2012	0.0964	<0.002	0.0011	<0.003	
MW-EE	2/19/2013	0.424	<0.002	0.0024	0.0022	
MW-LL	4/25/2011	1.64	0.0764	0.0469	0.0469	
MW-LL	9/14/2011	1.23	0.0066	0.0531	0.0202	
MW-LL	3/8/2012	1.42	<0.02	0.0642	<0.04	
MW-LL	9/6/2012	0.523	<0.002	0.0261	0.0024	
MW-LL	2/20/2013	0.778	<0.01	0.0482	<0.015	
MW-MM	4/25/2011	0.0158	0.0338	<0.002	<0.002	
MW-MM	9/14/2011	0.0082	<0.002	0.022	<0.004	
MW-MM	3/8/2012	0.0032	<0.002	0.0053	<0.004	
MW-MM	9/6/2012	0.002	<0.002	0.0041	<0.003	
MW-MM	2/19/2013	0.0015	<0.002	0.00083	<0.003	
NMG MW-2	4/25/2011	<0.001	<0.002	<0.002	<0.002	
NMG MW-2	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG MW-2	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG MW-2	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG MW-2	2/20/2013	<0.001	<0.002	<0.002	<0.003	
NMG MW-3	4/25/2011	<0.001	<0.002	<0.002	<0.002	
NMG MW-3	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG MW-3	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG MW-3	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG MW-3	2/20/2013	<0.001	<0.002	<0.002	<0.003	
NMG MW-4	9/15/2010	<0.001	<0.002	<0.002	<0.004	
NMG MW-4	4/25/2011	<0.001	<0.002	<0.002	<0.002	
NMG MW-4	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG MW-4	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG MW-4	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG MW-4	2/19/2013	<0.001	<0.002	<0.002	<0.003	
NMG MW-5	4/25/2011	3.22	1.2	1.57	1.57	
NMG MW-5	9/14/2011	0.0375	<0.004	0.135	<0.008	
NMG MW-5	3/7/2012	0.0039	<0.002	0.229	<0.004	
NMG MW-5	9/5/2012	0.00083	<0.002	0.153	<0.003	
NMG MW-5	2/19/2013	0.0012	<0.002	0.0608	<0.003	
NMG MW-6	4/25/2011	0.00039	<0.002	<0.002	<0.002	
NMG MW-6	9/14/2011	0.0005	<0.002	0.0067	<0.004	
NMG MW-6	3/7/2012	0.00062	<0.002	0.0011	<0.004	
NMG MW-6	9/5/2012	0.00038	<0.002	0.00066	<0.003	
NMG MW-6	2/19/2013	<0.001	<0.002	<0.002	<0.003	

TABLE 2
FIRST HALF 2013 SEMI-ANNUAL
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (Mg/L)		0.01	0.75	0.75	0.62	
NMG MW-7	4/25/2011	0.0191	0.0084	0.0042	0.0042	
NMG MW-7	9/14/2011	0.0273	<0.002	0.0154	0.013	
NMG MW-7	3/7/2012	0.0261	<0.002	0.0144	0.0086	
NMG MW-7	9/5/2012	0.0188	<0.002	0.0082	0.0043	
NMG MW-7	2/20/2013	0.0116	<0.002	0.0050	0.0032	
NMG MW-8	4/25/2011	<0.001	<0.002	<0.002	<0.002	
NMG MW-8	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG MW-8	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG MW-8	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG MW-8	2/19/2013	<0.001	<0.002	<0.002	<0.003	
NMG MW-9	4/25/2011	<0.001	<0.002	<0.002	<0.002	
NMG MW-9	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG MW-9	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG MW-9	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG MW-9	2/19/2013	<0.001	<0.002	<0.002	<0.003	
NMG MW-10	4/25/2011	0.413	0.441	0.133	0.133	
NMG MW-10	9/14/2011	0.282B	<0.010	0.105	0.155	
NMG MW-10	3/7/2012	0.219	<0.002	0.085	0.0993	Duplicate B sample collected
NMG MW-10	9/5/2012	0.192	<0.002	0.0836	0.0895	Duplicate B sample collected
NMG MW-10	2/19/2013	0.187	<0.002	0.0805	0.0706	
NMG MW-11	4/25/2011	<0.001	<0.002	<0.002	<0.002	
NMG MW-11	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG MW-11	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG MW-11	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG MW-11	2/19/2013	<0.001	<0.002	<0.002	<0.003	Duplicate C sample collected
NMG MW-12	4/25/2011	0.0011	<0.002	<0.002	<0.002	
NMG MW-12	9/14/2011	0.0013	<0.002	<0.002	<0.004	
NMG MW-12	3/7/2012	0.0062	<0.002	<0.002	<0.004	
NMG MW-12	9/5/2012	0.0012	<0.002	<0.002	<0.003	
NMG MW-12	2/19/2013	0.0024	<0.002	<0.002	<0.003	
NMG MW-13	4/25/2011	<0.001	<0.002	<0.002	<0.002	
NMG MW-13	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG MW-13	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG MW-13	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG MW-13	2/20/2013	<0.001	<0.002	<0.002	<0.003	

Notes:

The environmental cleanup standards for water that are applicable to the site are the New Mexico Water Quality Control Commission (NMWQCC) Groundwater Standards.

Data presented for all well locations includes previous four sampling events, when available. Historic groundwater analytical results for these locations may be found in Appendix B.

MW-17 was not sampled due to a biological growth obstruction.

During the first half 2013 monitoring period, the following wells were reported with dissimilar names in the analytical report, as shown in parentheses: MW-8 (NMG-8), MW-14 (NMG MW-14), NMG MW-2 (NMG 2), NMG MW-3 (NMG 3), and NMG MW-7 (NMG 7).

Bold red values indicate an exceedance of the NMWQCC groundwater standards for the Site.

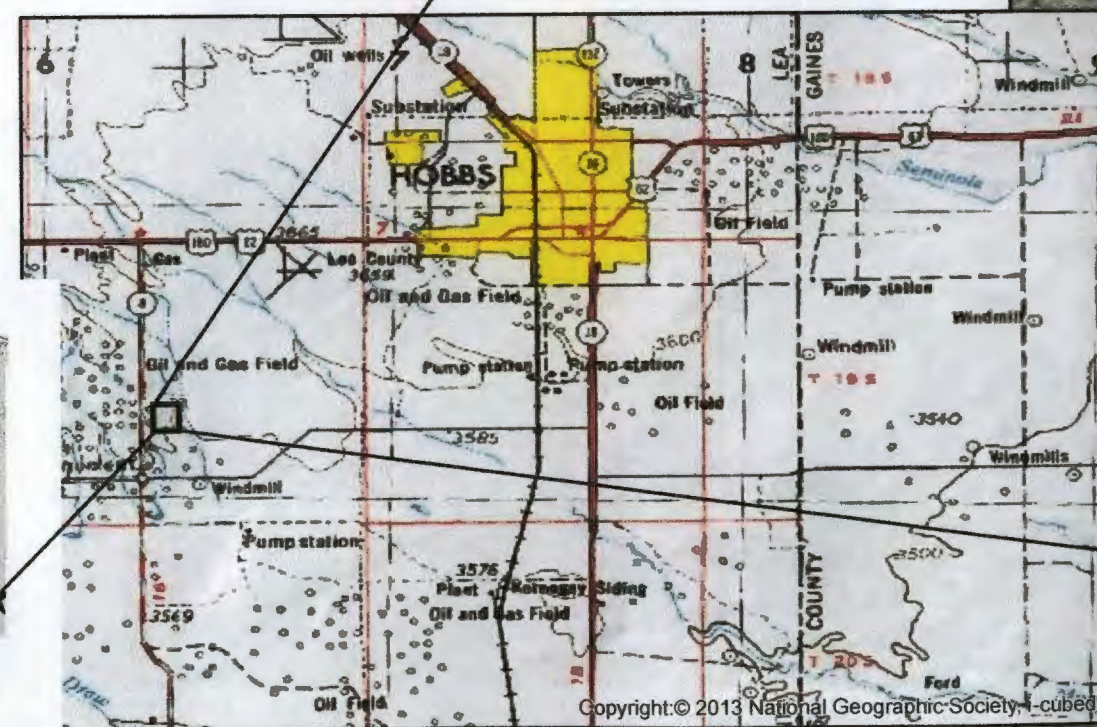
Sample locations are shown on Figure 2 and analytical results are illustrated on Figure 4.

LNAPL = Light Non-Aqueous Phase Liquid

NS = Not Sampled.

mg/L = milligrams per liter.

Figures



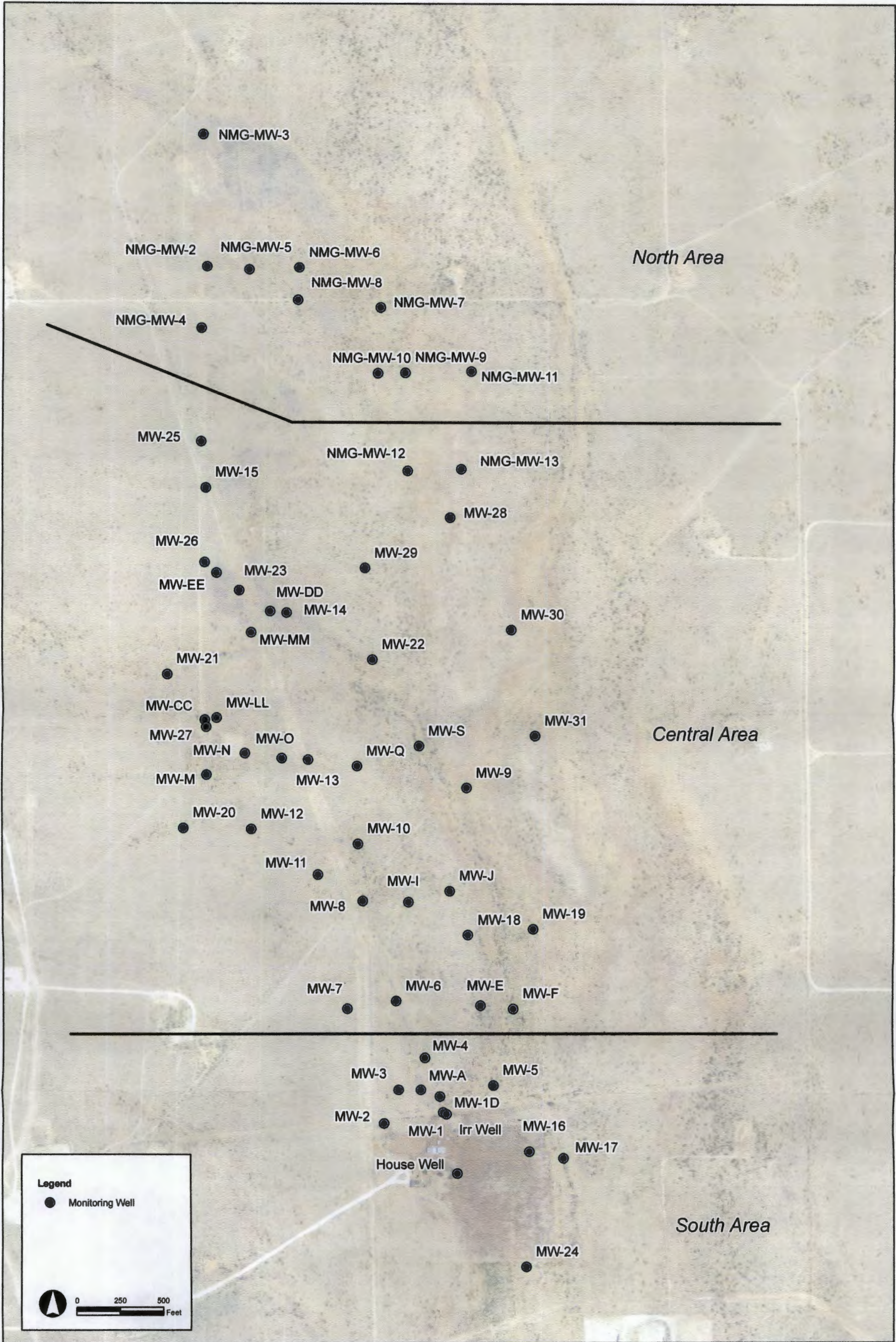
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Geomapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

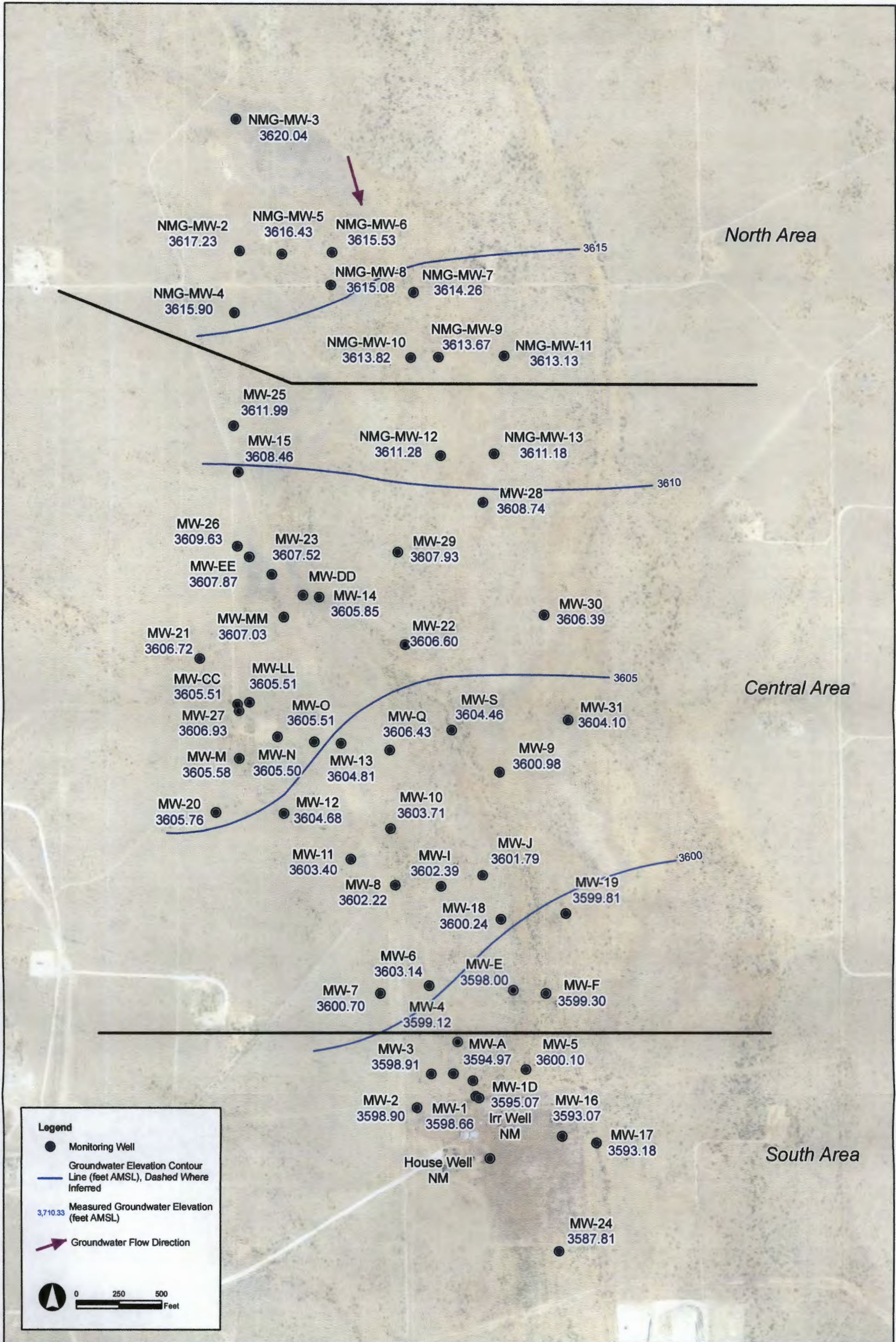
APPROVED BY:

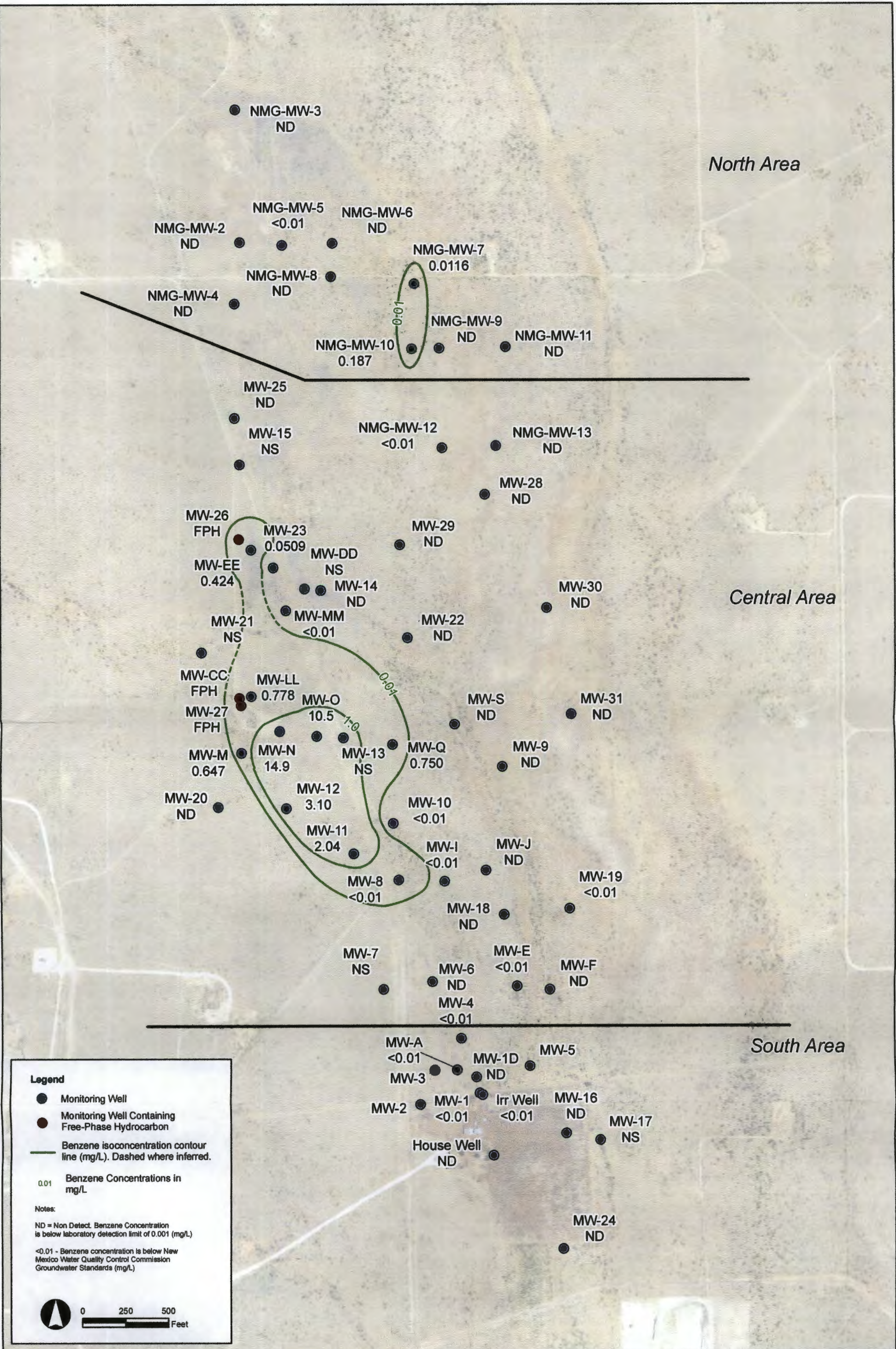


Groundwater Monitoring Summary Report

FIGURE
1







Appendix A
Laboratory Analytical Results



03/04/13

Technical Report for

DCP Midstream, LP

TASMCOA:Eldridge

RC-GN00 Project-390362060

Accutest Job Number: D43742

Sampling Dates: 02/19/13 - 02/22/13

Report to:

Tasman Geoscience LLC
6899 Pecos Street Unit C
Denver, CO 80221
swweathers@dcpmidstream.com; jimdawe@tasman-geo.com;
cwasko@tasman-geo.com
ATTN: Jim Dawe

Total number of pages in report: **103**



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

A handwritten signature in black ink, appearing to read 'Brad Madadian'.

Brad Madadian
Laboratory Director

Client Service contact: Shea Greiner 303-425-6021

Certifications: CO, ID, NE, NM, ND (R-027) (PW), UT (NELAP CO00049), TX (T104704511-12-1)

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

Table of Contents

-1-

Section 1: Sample Summary	4
Section 2: Case Narrative/Conformance Summary	9
Section 3: Summary of Hits	11
Section 4: Sample Results	17
4.1: D43742-1: MW-1	18
4.2: D43742-2: MW-1D	19
4.3: D43742-3: NMG MW-4	20
4.4: D43742-4: NMG MW-5	21
4.5: D43742-5: NMG MW-6	22
4.6: D43742-6: NMG-MW-8	23
4.7: D43742-7: NMG MW-9	24
4.8: D43742-8: NMG MW-10	25
4.9: D43742-9: NMG-MW11	26
4.10: D43742-10: NMG-MW12	27
4.11: D43742-11: NMG-MW14	28
4.12: D43742-12: MW-16	29
4.13: D43742-13: MW-17	30
4.14: D43742-14: MW-18	31
4.15: D43742-15: MW-19	32
4.16: D43742-16: MW-20	33
4.17: D43742-17: MW-23	34
4.18: D43742-18: MW-24	35
4.19: D43742-19: MW-25	36
4.20: D43742-20: MW-28	37
4.21: D43742-21: MW-29	38
4.22: D43742-22: MW-30	39
4.23: D43742-23: MW-31	40
4.24: D43742-24: MW-A	41
4.25: D43742-25: MW-E	42
4.26: D43742-26: MW-F	43
4.27: D43742-27: MW-I	44
4.28: D43742-28: MW-J	45
4.29: D43742-29: MW-M	46
4.30: D43742-30: MW-N	47
4.31: D43742-31: MW-O	48
4.32: D43742-32: MW-Q	49
4.33: D43742-33: MW-S	50
4.34: D43742-34: MW-EE	51
4.35: D43742-35: MW-LL	52
4.36: D43742-36: MN-MM	53
4.37: D43742-37: NMG-2	54
4.38: D43742-38: NMG-3	55

Table of Contents

-2-

4.39: D43742-39: MW-4	56
4.40: D43742-40: MW-5	57
4.41: D43742-41: MW-6	58
4.42: D43742-42: NMG-7	59
4.43: D43742-43: NMG-8	60
4.44: D43742-44: MW-9	61
4.45: D43742-45: MW-10	62
4.46: D43742-46: MW-11	63
4.47: D43742-47: MW-12	64
4.48: D43742-48: NMG-MW-13	65
4.49: D43742-49: IRRIGATION WELL	66
4.50: D43742-50: HOUSE WELL	67
4.51: D43742-51: DUP C	68
4.52: D43742-52: DUP B	69
4.53: D43742-53: DUP A	70
4.54: D43742-54: TRIP BLANK	71
Section 5: Misc. Forms	72
5.1: Chain of Custody	73
Section 6: GC/MS Volatiles - QC Data Summaries	79
6.1: Method Blank Summary	80
6.2: Blank Spike Summary	88
6.3: Matrix Spike/Matrix Spike Duplicate Summary	96

Sample Summary

DCP Midstream, LP

Job No: D43742

TASMCOA:Eldridge

Project No: RC-GN00 Project-390362060

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
D43742-1	02/21/13	16:35 AG	02/23/13	AQ	Ground Water	MW-1
D43742-2	02/21/13	16:25 AG	02/23/13	AQ	Ground Water	MW-1D
D43742-3	02/19/13	09:25 AG	02/23/13	AQ	Ground Water	NMG MW-4
D43742-4	02/19/13	09:00 AG	02/23/13	AQ	Ground Water	NMG MW-5
D43742-5	02/19/13	09:10 AG	02/23/13	AQ	Ground Water	NMG MW-6
D43742-6	02/19/13	09:45 AG	02/23/13	AQ	Ground Water	NMG-MW-8
D43742-7	02/19/13	10:45 AG	02/23/13	AQ	Ground Water	NMG MW-9
D43742-8	02/19/13	10:25 AG	02/23/13	AQ	Ground Water	NMG MW-10
D43742-9	02/19/13	11:00 AG	02/23/13	AQ	Ground Water	NMG-MW11
D43742-10	02/19/13	15:30 AG	02/23/13	AQ	Ground Water	NMG-MW12
D43742-11	02/19/13	15:00 AG	02/23/13	AQ	Ground Water	NMG-MW14
D43742-12	02/21/13	15:25 AG	02/23/13	AQ	Ground Water	MW-16
D43742-13	02/22/13	13:00 AG	02/23/13	AQ	Ground Water	MW-17

Sample Summary

(continued)

DCP Midstream, LP

Job No: D43742

TASMCOA:Eldridge

Project No: RC-GN00 Project-390362060

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
D43742-14	02/21/13	09:15 AG	02/23/13	AQ	Ground Water	MW-18
D43742-15	02/21/13	09:15 AG	02/23/13	AQ	Ground Water	MW-19
D43742-16	02/20/13	16:00 AG	02/23/13	AQ	Ground Water	MW-20
D43742-17	02/19/13	14:10 AG	02/23/13	AQ	Ground Water	MW-23
D43742-18	02/21/13	14:55 AG	02/23/13	AQ	Ground Water	MW-24
D43742-18D	02/21/13	14:55 AG	02/23/13	AQ	Water Dup/MSD	MW-24
D43742-18M	02/21/13	14:55 AG	02/23/13	AQ	Water Matrix Spike	MW-24
D43742-19	02/19/13	13:00 AG	02/23/13	AQ	Ground Water	MW-25
D43742-19D	02/19/13	13:00 AG	02/23/13	AQ	Water Dup/MSD	MW-25
D43742-19M	02/19/13	13:00 AG	02/23/13	AQ	Water Matrix Spike	MW-25
D43742-20	02/19/13	16:00 AG	02/23/13	AQ	Ground Water	MW-28
D43742-21	02/20/13	09:00 AG	02/23/13	AQ	Ground Water	MW-29
D43742-22	02/20/13	09:15 AG	02/23/13	AQ	Ground Water	MW-30

Sample Summary

(continued)

DCP Midstream, LP

Job No: D43742

TASMCOA:Eldridge

Project No: RC-GN00 Project-390362060

Sample Number	Collected		Matrix Code	Type	Client Sample ID
	Date	Time By			
D43742-23	02/20/13	09:35 AG	02/23/13	AQ Ground Water	MW-31
D43742-24	02/21/13	16:05 AG	02/23/13	AQ Ground Water	MW-A
D43742-25	02/21/13	10:05 AG	02/23/13	AQ Ground Water	MW-E
D43742-26	02/21/13	09:45 AG	02/23/13	AQ Ground Water	MW-F
D43742-27	02/21/13	08:45 AG	02/23/13	AQ Ground Water	MW-I
D43742-28	02/21/13	08:30 AG	02/23/13	AQ Ground Water	MW-J
D43742-29	02/20/13	14:05 AG	02/23/13	AQ Ground Water	MW-M
D43742-30	02/20/13	14:20 AG	02/23/13	AQ Ground Water	MW-N
D43742-31	02/20/13	14:40 AG	02/23/13	AQ Ground Water	MW-O
D43742-32	02/20/13	15:05 AG	02/23/13	AQ Ground Water	MW-Q
D43742-33	02/20/13	15:30 AG	02/23/13	AQ Ground Water	MW-S
D43742-34	02/19/13	13:40 AG	02/23/13	AQ Ground Water	MW-EE
D43742-35	02/20/13	13:40 AG	02/23/13	AQ Ground Water	MW-LL

Sample Summary

(continued)

DCP Midstream, LP

Job No: D43742

TASMCOA:Eldridge

Project No: RC-GN00 Project-390362060

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
D43742-36	02/19/13	14:40 AG	02/23/13	AQ	Ground Water	MN-MM
D43742-37	02/20/13	15:00 AG	02/23/13	AQ	Ground Water	NMG-2
D43742-38	02/20/13	11:00 AG	02/23/13	AQ	Ground Water	NMG-3
D43742-39	02/21/13	10:45 AG	02/23/13	AQ	Ground Water	MW-4
D43742-40	02/21/13	16:45 AG	02/23/13	AQ	Ground Water	MW-5
D43742-41	02/21/13	10:25 AG	02/23/13	AQ	Ground Water	MW-6
D43742-42	02/20/13	12:35 AG	02/23/13	AQ	Ground Water	NMG-7
D43742-43	02/20/13	15:05 AG	02/23/13	AQ	Ground Water	NMG-8
D43742-44	02/20/13	10:00 AG	02/23/13	AQ	Ground Water	MW-9
D43742-45	02/20/13	16:50 AG	02/23/13	AQ	Ground Water	MW-10
D43742-46	02/20/13	16:40 AG	02/23/13	AQ	Ground Water	MW-11
D43742-47	02/20/13	16:20 AG	02/23/13	AQ	Ground Water	MW-12
D43742-48	02/20/13	13:30 AG	02/23/13	AQ	Ground Water	NMG-MW-13



Sample Summary
(continued)

DCP Midstream, LP

Job No: D43742

TASMCOA:Eldridge
Project No: RC-GN00 Project-390362060

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
D43742-49	02/21/13	13:00 AG	02/23/13	AQ	Ground Water	IRRIGATION WELL
D43742-50	02/21/13	14:25 AG	02/23/13	AQ	Ground Water	HOUSE WELL
D43742-51	02/21/13	00:00 AG	02/23/13	AQ	Ground Water	DUP C
D43742-52	02/21/13	00:00 AG	02/23/13	AQ	Ground Water	DUP B
D43742-53	02/21/13	00:00 AG	02/23/13	AQ	Ground Water	DUP A
D43742-54	02/21/13	00:00 AG	02/23/13	AQ	Trip Blank Water	TRIP BLANK



CASE NARRATIVE / CONFORMANCE SUMMARY

Client: DCP Midstream, LP

Job No D43742

Site: TASMCOA:Eldridge

Report Date 3/4/2013 8:14:40 AM

On 02/23/2013, 53 sample(s), 1 Trip Blank(s), and 0 Field Blank(s) were received at Accutest Mountain States (AMS) at a temperature of 3 °C. The samples were intact and properly preserved, unless noted below. An AMS Job Number of D43742 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

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

Volatiles by GCMS By Method SW846 8260B

Matrix AQ	Batch ID: V3V1364
------------------	--------------------------

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D43742-31MS, D43742-31MSD were used as the QC samples indicated.
- The matrix spike (MS) recovery(s) of Benzene are outside control limits. Outside control limits due to high level in sample relative to spike amount.

Matrix AQ	Batch ID: V3V1368
------------------	--------------------------

- All samples were analyzed within the recommended method holding time.
- Sample(s) D43742-34MS, D43742-34MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Matrix AQ	Batch ID: V6V994
------------------	-------------------------

- All samples were analyzed within the recommended method holding time.
- Sample(s) D43742-35MS, D43742-35MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Matrix AQ	Batch ID: V6V995
------------------	-------------------------

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D43745-7MS, D43745-7MSD were used as the QC samples indicated.

Matrix AQ	Batch ID: V7V1017
------------------	--------------------------

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D43742-18MS, D43742-18MSD were used as the QC samples indicated.
- D43742-20: The pH of the sample aliquot for VOA analysis was >2 at time of analysis.
- D43742-24: The pH of the sample aliquot for VOA analysis was >2 at time of analysis.

Matrix AQ	Batch ID: V7V1018
------------------	--------------------------

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D43742-19MS, D43742-19MSD were used as the QC samples indicated.

Matrix AQ	Batch ID: V7V1019
------------------	--------------------------

- All samples were analyzed within the recommended method holding time.

Monday, March 04, 2013

Page 1 of 2

Volatiles by GCMS By Method SW846 8260B**Matrix** AQ**Batch ID:** V7V1019

- Sample(s) D43743-10MS, D43743-10MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- D43742-53: The pH of the sample aliquot for VOA analysis was >2 at time of analysis.
- D43742-51: The pH of the sample aliquot for VOA analysis was >2 at time of analysis.

Matrix AQ**Batch ID:** V7V1021

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D43746-6MS, D43746-6MSD were used as the QC samples indicated.

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

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

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

Summary of Hits

Job Number: D43742
Account: DCP Midstream, LP
Project: TASMCOA:Eldridge
Collected: 02/19/13 thru 02/22/13



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
D43742-1	MW-1					
Benzene		0.0021	0.0010	0.00027	mg/l	SW846 8260B
Ethylbenzene		0.0153	0.0020	0.00033	mg/l	SW846 8260B
D43742-2	MW-1D					
No hits reported in this sample.						
D43742-3	NMG MW-4					
No hits reported in this sample.						
D43742-4	NMG MW-5					
Benzene		0.0012	0.0010	0.00027	mg/l	SW846 8260B
Ethylbenzene		0.0608	0.0020	0.00033	mg/l	SW846 8260B
D43742-5	NMG MW-6					
No hits reported in this sample.						
D43742-6	NMG-MW-8					
No hits reported in this sample.						
D43742-7	NMG MW-9					
No hits reported in this sample.						
D43742-8	NMG MW-10					
Benzene		0.187	0.0010	0.00027	mg/l	SW846 8260B
Ethylbenzene		0.0805	0.0020	0.00033	mg/l	SW846 8260B
Xylene (total)		0.0706	0.0030	0.0020	mg/l	SW846 8260B
D43742-9	NMG-MW11					
No hits reported in this sample.						
D43742-10	NMG-MW12					
Benzene		0.0024	0.0010	0.00027	mg/l	SW846 8260B

Summary of Hits

Job Number: D43742
Account: DCP Midstream, LP
Project: TASMCOA:Eldridge
Collected: 02/19/13 thru 02/22/13



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
--------------------------	------------------	-----------------	----	-----	-------	--------

D43742-11 **NMG-MW14**

No hits reported in this sample.

D43742-12 **MW-16**

No hits reported in this sample.

D43742-13 **MW-17**

No hits reported in this sample.

D43742-14 **MW-18**

No hits reported in this sample.

D43742-15 **MW-19**

No hits reported in this sample.

D43742-16 **MW-20**

No hits reported in this sample.

D43742-17 **MW-23**

Benzene	0.0509	0.0010	0.00027	mg/l	SW846 8260B
Ethylbenzene	0.0698	0.0020	0.00033	mg/l	SW846 8260B
Xylene (total)	0.0024 J	0.0030	0.0020	mg/l	SW846 8260B

D43742-18 **MW-24**

No hits reported in this sample.

D43742-19 **MW-25**

No hits reported in this sample.

D43742-20 **MW-28**

No hits reported in this sample.

D43742-21 **MW-29**

No hits reported in this sample.

Summary of Hits

Job Number: D43742
Account: DCP Midstream, LP
Project: TASMSOA:Eldridge
Collected: 02/19/13 thru 02/22/13



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
--------------------------	------------------	-----------------	----	-----	-------	--------

D43742-22 MW-30

No hits reported in this sample.

D43742-23 MW-31

No hits reported in this sample.

D43742-24 MW-A

Benzene ^a	0.00077 J	0.0010	0.00027	mg/l	SW846 8260B
Ethylbenzene ^a	0.0709	0.0020	0.00033	mg/l	SW846 8260B
Xylene (total) ^a	0.182	0.0030	0.0020	mg/l	SW846 8260B

D43742-25 MW-E

Benzene	0.0027	0.0010	0.00027	mg/l	SW846 8260B
---------	--------	--------	---------	------	-------------

D43742-26 MW-F

No hits reported in this sample.

D43742-27 MW-I

Benzene	0.00035 J	0.0010	0.00027	mg/l	SW846 8260B
---------	-----------	--------	---------	------	-------------

D43742-28 MW-J

No hits reported in this sample.

D43742-29 MW-M

Benzene	0.647	0.010	0.0027	mg/l	SW846 8260B
Ethylbenzene	0.192	0.020	0.0033	mg/l	SW846 8260B
Xylene (total)	0.0870	0.030	0.020	mg/l	SW846 8260B

D43742-30 MW-N

Benzene	14.9	0.50	0.14	mg/l	SW846 8260B
Toluene	0.0719	0.0020	0.0010	mg/l	SW846 8260B
Ethylbenzene	0.282	0.10	0.017	mg/l	SW846 8260B
Xylene (total)	0.0321	0.0030	0.0020	mg/l	SW846 8260B

Summary of Hits

Job Number: D43742
Account: DCP Midstream, LP
Project: TASMCOA:Eldridge
Collected: 02/19/13 thru 02/22/13



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
D43742-31	MW-O					
Benzene		10.5	0.50	0.14	mg/l	SW846 8260B
Ethylbenzene		0.131	0.10	0.017	mg/l	SW846 8260B
D43742-32	MW-Q					
Benzene		0.750	0.0050	0.0014	mg/l	SW846 8260B
Ethylbenzene		0.0017 J	0.010	0.0017	mg/l	SW846 8260B
D43742-33	MW-S					
No hits reported in this sample.						
D43742-34	MW-EE					
Benzene		0.424	0.0050	0.0014	mg/l	SW846 8260B
Ethylbenzene		0.0024	0.0020	0.00033	mg/l	SW846 8260B
Xylene (total)		0.0022 J	0.0030	0.0020	mg/l	SW846 8260B
D43742-35	MW-LL					
Benzene		0.778	0.0050	0.0014	mg/l	SW846 8260B
Ethylbenzene		0.0482	0.010	0.0017	mg/l	SW846 8260B
D43742-36	MN-MM					
Benzene		0.0015	0.0010	0.00027	mg/l	SW846 8260B
Ethylbenzene		0.00083 J	0.0020	0.00033	mg/l	SW846 8260B
D43742-37	NMG-2					
No hits reported in this sample.						
D43742-38	NMG-3					
No hits reported in this sample.						
D43742-39	MW-4					
Benzene		0.00049 J	0.0010	0.00027	mg/l	SW846 8260B
Ethylbenzene		0.0802	0.0020	0.00033	mg/l	SW846 8260B
Xylene (total)		0.244	0.0030	0.0020	mg/l	SW846 8260B

Summary of Hits

Job Number: D43742
Account: DCP Midstream, LP
Project: TASMCOA:Eldridge
Collected: 02/19/13 thru 02/22/13



Lab Sample ID	Client Sample ID	Result/ Analyte Qual	RL	MDL	Units	Method
D43742-40	MW-5					
Benzene		0.00045 J	0.0010	0.00027	mg/l	SW846 8260B
Ethylbenzene		0.0068	0.0020	0.00033	mg/l	SW846 8260B
Xylene (total)		0.0242	0.0030	0.0020	mg/l	SW846 8260B
D43742-41	MW-6					
No hits reported in this sample.						
D43742-42	NMG-7					
Benzene		0.0116	0.0010	0.00027	mg/l	SW846 8260B
Ethylbenzene		0.0050	0.0020	0.00033	mg/l	SW846 8260B
Xylene (total)		0.0032	0.0030	0.0020	mg/l	SW846 8260B
D43742-43	NMG-8					
Benzene		0.0024	0.0010	0.00027	mg/l	SW846 8260B
Ethylbenzene		0.0375	0.0020	0.00033	mg/l	SW846 8260B
Xylene (total)		0.0966	0.0030	0.0020	mg/l	SW846 8260B
D43742-44	MW-9					
No hits reported in this sample.						
D43742-45	MW-10					
Benzene		0.0044	0.0010	0.00027	mg/l	SW846 8260B
D43742-46	MW-11					
Benzene		2.04	0.025	0.0068	mg/l	SW846 8260B
Ethylbenzene		0.102	0.050	0.0083	mg/l	SW846 8260B
D43742-47	MW-12					
Benzene		3.10	0.050	0.014	mg/l	SW846 8260B
Ethylbenzene		0.187	0.10	0.017	mg/l	SW846 8260B
D43742-48	NMG-MW-13					
No hits reported in this sample.						

Summary of Hits

Job Number: D43742
Account: DCP Midstream, LP
Project: TASMCOA:Eldridge
Collected: 02/19/13 thru 02/22/13



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
--------------------------	------------------	-----------------	----	-----	-------	--------

D43742-49 IRRIGATION WELL

Benzene	0.0027	0.0010	0.00027	mg/l	SW846 8260B
Ethylbenzene	0.0117	0.0020	0.00033	mg/l	SW846 8260B
Xylene (total)	0.0116	0.0030	0.0020	mg/l	SW846 8260B

D43742-50 HOUSE WELL

No hits reported in this sample.

D43742-51 DUP C

No hits reported in this sample.

D43742-52 DUP B

Benzene	13.0	0.25	0.068	mg/l	SW846 8260B
Toluene	0.173	0.010	0.0050	mg/l	SW846 8260B
Ethylbenzene	0.270	0.010	0.0017	mg/l	SW846 8260B
Xylene (total)	0.0714	0.015	0.010	mg/l	SW846 8260B

D43742-53 DUP A

Benzene ^a	0.00072 J	0.0010	0.00027	mg/l	SW846 8260B
Ethylbenzene ^a	0.0713	0.0020	0.00033	mg/l	SW846 8260B
Xylene (total) ^a	0.189	0.0030	0.0020	mg/l	SW846 8260B

D43742-54 TRIP BLANK

No hits reported in this sample.

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-1	Date Sampled:	02/21/13
Lab Sample ID:	D43742-1	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18609.D	1	02/26/13	JL	n/a	n/a	V7V1018
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0021	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0153	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	95%		62-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	95%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1D	Date Sampled:	02/21/13
Lab Sample ID:	D43742-2	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18610.D	1	02/26/13	JL	n/a	n/a	V7V1018
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	95%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NMG MW-4	Date Sampled:	02/19/13
Lab Sample ID:	D43742-3	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18611.D	1	02/26/13	JL	n/a	n/a	V7V1018
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	96%		62-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NMG MW-5	Date Sampled:	02/19/13
Lab Sample ID:	D43742-4	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18612.D	1	02/26/13	JL	n/a	n/a	V7V1018
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0012	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0608	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		62-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	97%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NMG MW-6	Date Sampled:	02/19/13
Lab Sample ID:	D43742-5	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18613.D	1	02/26/13	JL	n/a	n/a	V7V1018
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	100%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	95%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NMG-MW-8	Date Sampled:	02/19/13
Lab Sample ID:	D43742-6	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18614.D	1	02/26/13	JL	n/a	n/a	V7V1018
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	95%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NMG MW-9	Date Sampled:	02/19/13
Lab Sample ID:	D43742-7	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18615.D	1	02/26/13	JL	n/a	n/a	V7V1018
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	95%		62-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NMG MW-10	Date Sampled:	02/19/13
Lab Sample ID:	D43742-8	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18616.D	1	02/26/13	JL	n/a	n/a	V7V1018
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.187	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0805	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	0.0706	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	96%		62-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	95%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NMG-MW11	Date Sampled:	02/19/13
Lab Sample ID:	D43742-9	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18617.D	1	02/26/13	JL	n/a	n/a	V7V1018
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%		62-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NMG-MW12	Date Sampled:	02/19/13
Lab Sample ID:	D43742-10	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18618.D	1	02/26/13	JL	n/a	n/a	V7V1018
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0024	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	95%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NMG-MW14	Date Sampled:	02/19/13
Lab Sample ID:	D43742-11	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18619.D	1	02/26/13	JL	n/a	n/a	V7V1018
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	95%		62-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	92%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16	Date Sampled:	02/21/13
Lab Sample ID:	D43742-12	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18606.D	1	02/26/13	JL	n/a	n/a	V7V1018
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	95%		62-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17	Date Sampled:	02/22/13
Lab Sample ID:	D43742-13	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18607.D	1	02/26/13	JL	n/a	n/a	V7V1018
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%		62-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	93%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-18	Date Sampled:	02/21/13
Lab Sample ID:	D43742-14	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18608.D	1	02/26/13	JL	n/a	n/a	V7V1018
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	95%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-19	Date Sampled:	02/21/13
Lab Sample ID:	D43742-15	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18586.D	1	02/25/13	JL	n/a	n/a	V7V1017
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		62-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20	Date Sampled:	02/20/13
Lab Sample ID:	D43742-16	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18587.D	1	02/25/13	JL	n/a	n/a	V7V1017
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	100%		62-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	93%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-23	Date Sampled:	02/19/13
Lab Sample ID:	D43742-17	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18588.D	1	02/25/13	JL	n/a	n/a	V7V1017
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0509	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0698	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	0.0024	0.0030	0.0020	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		62-130%
2037-26-5	Toluene-D8	116%		70-130%
460-00-4	4-Bromofluorobenzene	99%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-24	Date Sampled:	02/21/13
Lab Sample ID:	D43742-18	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18585.D	1	02/25/13	JL	n/a	n/a	V7V1017
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-25	Date Sampled:	02/19/13
Lab Sample ID:	D43742-19	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18605.D	1	02/26/13	JL	n/a	n/a	V7V1018
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		62-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	93%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-28	Date Sampled:	02/19/13
Lab Sample ID:	D43742-20	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	7V18589.D	1	02/25/13	JL	n/a	n/a	V7V1017
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		62-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-29	Date Sampled:	02/20/13
Lab Sample ID:	D43742-21	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18590.D	1	02/25/13	JL	n/a	n/a	V7V1017
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	93%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-30	Date Sampled:	02/20/13
Lab Sample ID:	D43742-22	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18591.D	1	02/25/13	JL	n/a	n/a	V7V1017
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	95%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-31	Date Sampled:	02/20/13
Lab Sample ID:	D43742-23	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18592.D	1	02/25/13	JL	n/a	n/a	V7V1017
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-A	Date Sampled:	02/21/13
Lab Sample ID:	D43742-24	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	7V18593.D	1	02/25/13	JL	n/a	n/a	V7V1017
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.00077	0.0010	0.00027	mg/l	J
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0709	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	0.182	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	95%		62-130%
2037-26-5	Toluene-D8	108%		70-130%
460-00-4	4-Bromofluorobenzene	99%		69-130%

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-E	Date Sampled:	02/21/13
Lab Sample ID:	D43742-25	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18594.D	1	02/25/13	JL	n/a	n/a	V7V1017
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0027	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	100%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	93%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-F	Date Sampled:	02/21/13
Lab Sample ID:	D43742-26	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18595.D	1	02/25/13	JL	n/a	n/a	V7V1017
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		62-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	93%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-I	Date Sampled:	02/21/13
Lab Sample ID:	D43742-27	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18596.D	1	02/25/13	JL	n/a	n/a	V7V1017
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.00035	0.0010	0.00027	mg/l	J
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	96%		62-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-J	Date Sampled:	02/21/13
Lab Sample ID:	D43742-28	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18597.D	1	02/26/13	JL	n/a	n/a	V7V1017
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	95%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-M	Date Sampled:	02/20/13
Lab Sample ID:	D43742-29	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18598.D	10	02/26/13	JL	n/a	n/a	V7V1017
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.647	0.010	0.0027	mg/l	
108-88-3	Toluene	ND	0.020	0.010	mg/l	
100-41-4	Ethylbenzene	0.192	0.020	0.0033	mg/l	
1330-20-7	Xylene (total)	0.0870	0.030	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-N	Date Sampled:	02/20/13
Lab Sample ID:	D43742-30	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V23178.D	1	02/26/13	BR	n/a	n/a	V3V1364
Run #2	3V23179.D	50	02/26/13	BR	n/a	n/a	V3V1364
Run #3	3V23184.D	500	02/26/13	BR	n/a	n/a	V3V1364

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml
Run #3	5.0 ml

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	14.9 ^a	0.50	0.14	mg/l	
108-88-3	Toluene	0.0719	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.282 ^b	0.10	0.017	mg/l	
1330-20-7	Xylene (total)	0.0321	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
17060-07-0	1,2-Dichloroethane-D4	116%	109%	107%	62-130%
2037-26-5	Toluene-D8	120%	101%	99%	70-130%
460-00-4	4-Bromofluorobenzene	98%	98%	96%	69-130%

(a) Result is from Run# 3

(b) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-O	Date Sampled:	02/20/13
Lab Sample ID:	D43742-31	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V23180.D	50	02/26/13	BR	n/a	n/a	V3V1364
Run #2	3V23183.D	500	02/26/13	BR	n/a	n/a	V3V1364

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

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	10.5 ^a	0.50	0.14	mg/l	
108-88-3	Toluene	ND	0.10	0.050	mg/l	
100-41-4	Ethylbenzene	0.131	0.10	0.017	mg/l	
1330-20-7	Xylene (total)	ND	0.15	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%	107%	62-130%
2037-26-5	Toluene-D8	98%	99%	70-130%
460-00-4	4-Bromofluorobenzene	95%	95%	69-130%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-Q	Date Sampled:	02/20/13
Lab Sample ID:	D43742-32	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17910.D	5	02/26/13	BR	n/a	n/a	V6V994
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.750	0.0050	0.0014	mg/l	
108-88-3	Toluene	ND	0.010	0.0050	mg/l	
100-41-4	Ethylbenzene	0.0017	0.010	0.0017	mg/l	J
1330-20-7	Xylene (total)	ND	0.015	0.010	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%		62-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	96%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-S	Date Sampled:	02/20/13
Lab Sample ID:	D43742-33	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17911.D	1	02/26/13	BR	n/a	n/a	V6V994
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	109%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	97%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-EE	Date Sampled:	02/19/13
Lab Sample ID:	D43742-34	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17912.D	1	02/26/13	BR	n/a	n/a	V6V994
Run #2	3V23239.D	5	02/28/13	BR	n/a	n/a	V3V1368

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

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.424 ^a	0.0050	0.0014	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0024	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	0.0022	0.0030	0.0020	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%	106%	62-130%
2037-26-5	Toluene-D8	108%	105%	70-130%
460-00-4	4-Bromofluorobenzene	99%	95%	69-130%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-LL	Date Sampled:	02/20/13
Lab Sample ID:	D43742-35	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17903.D	5	02/26/13	BR	n/a	n/a	V6V994
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.778	0.0050	0.0014	mg/l	
108-88-3	Toluene	ND	0.010	0.0050	mg/l	
100-41-4	Ethylbenzene	0.0482	0.010	0.0017	mg/l	
1330-20-7	Xylene (total)	ND	0.015	0.010	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	106%		62-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	96%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MN-MM	Date Sampled:	02/19/13
Lab Sample ID:	D43742-36	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17906.D	1	02/26/13	BR	n/a	n/a	V6V994
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0015	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.00083	0.0020	0.00033	mg/l	J
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		62-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	99%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NMG-2	Date Sampled:	02/20/13
Lab Sample ID:	D43742-37	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17907.D	1	02/26/13	BR	n/a	n/a	V6V994
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	106%		62-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	95%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NMG-3	Date Sampled:	02/20/13
Lab Sample ID:	D43742-38	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17908.D	1	02/26/13	BR	n/a	n/a	V6V994
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	97%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4	Date Sampled:	02/21/13
Lab Sample ID:	D43742-39	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17909.D	1	02/26/13	BR	n/a	n/a	V6V994
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.00049	0.0010	0.00027	mg/l	J
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0802	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	0.244	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	117%		62-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	101%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5	Date Sampled:	02/21/13
Lab Sample ID:	D43742-40	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18680.D	1	02/28/13	JL	n/a	n/a	V7V1021
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.00045	0.0010	0.00027	mg/l	J
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0068	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	0.0242	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		62-130%
2037-26-5	Toluene-D8	107%		70-130%
460-00-4	4-Bromofluorobenzene	96%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6	Date Sampled:	02/21/13
Lab Sample ID:	D43742-41	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17914.D	1	02/26/13	BR	n/a	n/a	V6V994
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		62-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	93%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NMG-7	Date Sampled:	02/20/13
Lab Sample ID:	D43742-42	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17915.D	1	02/26/13	BR	n/a	n/a	V6V994
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0116	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0050	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	0.0032	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	106%		62-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	97%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NMG-8	Date Sampled:	02/20/13
Lab Sample ID:	D43742-43	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17924.D	1	02/26/13	BR	n/a	n/a	V6V995
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0024	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0375	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	0.0966	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	102%		62-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	99%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	MW-9	Date Sampled:	02/20/13
Lab Sample ID:	D43742-44	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17925.D	1	02/27/13	BR	n/a	n/a	V6V995
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	111%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	96%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10	Date Sampled:	02/20/13
Lab Sample ID:	D43742-45	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17926.D	1	02/27/13	BR	n/a	n/a	V6V995
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0044	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%		62-130%
2037-26-5	Toluene-D8	103%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11	Date Sampled:	02/20/13
Lab Sample ID:	D43742-46	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17927.D	25	02/27/13	BR	n/a	n/a	V6V995
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2.04	0.025	0.0068	mg/l	
108-88-3	Toluene	ND	0.050	0.025	mg/l	
100-41-4	Ethylbenzene	0.102	0.050	0.0083	mg/l	
1330-20-7	Xylene (total)	ND	0.075	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	111%		62-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12	Date Sampled:	02/20/13
Lab Sample ID:	D43742-47	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17928.D	50	02/27/13	BR	n/a	n/a	V6V995
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	3.10	0.050	0.014	mg/l	
108-88-3	Toluene	ND	0.10	0.050	mg/l	
100-41-4	Ethylbenzene	0.187	0.10	0.017	mg/l	
1330-20-7	Xylene (total)	ND	0.15	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	110%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	95%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	NMG-MW-13	Date Sampled:	02/20/13
Lab Sample ID:	D43742-48	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17929.D	1	02/27/13	BR	n/a	n/a	V6V995
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	117%		62-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IRRIGATION WELL	Date Sampled:	02/21/13
Lab Sample ID:	D43742-49	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V17930.D	1	02/27/13	BR	n/a	n/a	V6V995
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0027	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0117	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	0.0116	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%		62-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	HOUSE WELL	Date Sampled:	02/21/13
Lab Sample ID:	D43742-50	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18636.D	1	02/26/13	JL	n/a	n/a	V7V1019
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	96%		62-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP C	Date Sampled:	02/21/13
Lab Sample ID:	D43742-51	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	7V18639.D	1	02/27/13	JL	n/a	n/a	V7V1019
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	91%		62-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	93%		69-130%

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP B	Date Sampled:	02/21/13
Lab Sample ID:	D43742-52	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18682.D	5	02/28/13	JL	n/a	n/a	V7V1021
Run #2	7V18681.D	250	02/28/13	JL	n/a	n/a	V7V1021

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

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	13.0 ^a	0.25	0.068	mg/l	
108-88-3	Toluene	0.173	0.010	0.0050	mg/l	
100-41-4	Ethylbenzene	0.270	0.010	0.0017	mg/l	
1330-20-7	Xylene (total)	0.0714	0.015	0.010	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%	92%	62-130%
2037-26-5	Toluene-D8	99%	99%	70-130%
460-00-4	4-Bromofluorobenzene	95%	94%	69-130%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP A	Date Sampled:	02/21/13
Lab Sample ID:	D43742-53	Date Received:	02/23/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	7V18637.D	1	02/27/13	JL	n/a	n/a	V7V1019
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.00072	0.0010	0.00027	mg/l	J
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0713	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	0.189	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	92%		62-130%
2037-26-5	Toluene-D8	107%		70-130%
460-00-4	4-Bromofluorobenzene	97%		69-130%

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK	Date Sampled:	02/21/13
Lab Sample ID:	D43742-54	Date Received:	02/23/13
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V18638.D	1	02/27/13	JL	n/a	n/a	V7V1019
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00027	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00033	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	94%		69-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

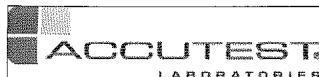
Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

PAGE 1 OF 5

4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.accutest.com

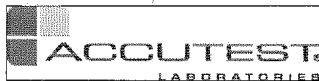
FED-EX Tracking #		Bottle Order Control #	
Accutest Quote #		Accutest Job # D43742	
Requested Analysis (see TEST CODE sheet)			
Matrix Codes			
DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WIP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank			
LAB USE ONLY			

Client / Reporting Information		Project Information	
Company Name Tasman Geosciences		Project Name: Eldridge	
Street Address 6899 Pecos Street Unit C		Street North of Monument NM	
City Denver CO 80221		City Portland OR 97208-4870	
Project Contact Jim Dawe jim@tasman-geo.com		Billing Information (if different from Report to) Company Name DCP Midstream	
Phone # Cell 720-409-8791 cwasko@tasman-geo.com		Street Address PO Box 4870	
Sample(s) Name(s) Jim Dawe		Client Purchase Order # RC - GN00 Project - 390362080	
Project Manager Stephen Weathers 303-605-1718		Attention: Steve Weathers SWWeathers@dcpmidstream.com	
Field ID / Point of Collection		Collection	
MECH/DI Vial #		Date	
Time		Sampled by	
Matrix		# of bottles	
HCl		HNO3	
H2SO4		NONE	
DI Water		MECH	
ENCORE			
MW-1		2/21/13 16:35	
MW-1d		2/21/13 16:35	
MW-4		2/19/13 9:25	
MW-5		2/19/13 9:00	
MW-6		2/19/13 9:10	
MW-8		2/19/13 9:45	
MW-9		2/19/13 10:45	
MW-10		2/19/13 10:35	
MW-11		2/19/13 11:00	
MW-12		2/19/13 3:30	
MW-14		2/19/13 3:30	
MW-16		2/21/13 15:35	
Turnaround Time (Business days)		Date Deliverable Information	
Std. 15 Business Days		Commercial "A" (Level 1)	
Std. 10 Business Days		Commercial "B" (Level 2)	
5 Day RUSH		COMMEN	
3 Day Emergency		COMMEN+	
2 Day Emergency		State Forms Required	
1 Day Emergency		Send Forms to State	
STD 5 business days per contract		Report by Fax	
Emergency & Rush TIA data available VIA Lablink		Report by PDF	
		EDD Format	
		Commercial "A" = Results Only	
		Commercial "B" = Results + QC Summary	
		Commercial BN = Results/QC/Narrative (+ = chromatograms)	
Relinquished By: 3		Relinquished By: 2	
Date Time: 2/22/13 1:00		Date Time: 2	
Relinquished by Sampler:		Relinquished By: 4	
Date Time:		Date Time:	
Relinquished by:		Custody Seal #	
Date Time:		Intact	
Received By: 5		Not Intact	
Date Time:		Preserved where applicable	
		On Ice	
		Cooler Temp. 0.3	

D43742: Chain of Custody

Page 1 of 6

Client / Reporting Information		Project Information		Requested Analysis (see TEST CODE sheet)												Matrix Codes															
Company Name Tasman Geosciences		Project Name: Eldridge																													
Street Address 6899 Pecos Street Unit C		Street																													
City Denver CO 80221		City North of Monument NM																													
Project Contact Jim Dawe jim@tasman-geo.com		Project # RC - GN00 Project - 390362060																													
Phone # Cell 720-409-8791 cwasko@tasman-geo.com		Client Purchase Order #																													
Sampler(s) Name(s) Amber Graves		Project Manager Stephen Weathers 303-605-1718																													
		Attention: Steve Weathers SWWeathers@dcpmidstream.com																													
		Collection																													
		Number of preserved Bottles																													
Field ID / Point of Collection		MEOH/DI Vial #		Date		Time		Sampled by		Matrix		# of bottles		H2O		NaOH		HNO3		H2SO4		NONE		Diluent		METH		ENCODE		LAB USE ONLY	
MW-17		N/A		5/22/13		1300		AG		GW		3		3																13	
MW-18		N/A		5/21/13		1105		AG		GW		3		3																14	
MW-19		N/A		5/24/13		9:15		AG		GW		3		3																15	
MW-20		N/A		5/24/13		1600		AG		GW		3		3																16	
MW-23		N/A		5/19/13		2:10		AG		GW		3		3																17	
MW-24		N/A		5/21/13		14:35		AG		GW		3		3																19	
MW-25		N/A		5/19/13		1:00		AG		GW		3		3																19	
MW-26		N/A		5/19/13		4:00		AG		GW		3		3																20	
MW-28		N/A		5/20/13		9:00		AG		GW		3		3																21	
MW-29		N/A		5/20/13		9:15		AG		GW		3		3																22	
MW-31		N/A		5/20/13		9:35		AG		GW		3		3																23	
Turnaround Time (Business days)		Data Deliverable Information																													
☐ Std. 15 Business Days ☐ Std. 10 Business Days ☐ 5 Day RUSH ☐ 3 Day Emergency ☐ 2 Day Emergency ☐ 1 Day Emergency ☒ STD 5 business Days per contract Emergency & Rush T/A data available VIA Lablink		Approved By (Accutest PM): I Date: _____ _____ _____ _____ _____		☐ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☒ COMMBN ☐ COMMBN+ ☐		☐ State Forms Required ☐ Send Forms to State ☐ Report by Fax ☒ Report by PDF ☐ EDD Format		Email results to Steve Weathers																							
Relinquished by Sampler: _____ Relinquished by Sampler: _____ Relinquished by: _____		Date Time: 5/22/13 1600 Date Time: _____ Date Time: _____		Received By: KATK Received By: _____ Received By: _____		Relinquished By: _____ Relinquished By: _____ Custody Seal #		☐ Intact ☐ Not Intact		Preserved where applicable ☐ On Ice ☐ Cooler Temp.		Date Time: _____ Date Time: _____		Received By: _____ Received By: _____																	



CHAIN OF CUSTODY

PAGE 4 OF 5

4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.accutest.com

FED-EX Tracking #		Bottle Order Control #	
Accutest Quote #		Accutest Job # D43742	
Client / Reporting Information		Project Information	
Company Name Tasman Geosciences		Project Name: Eldridge Monitoring	
Street Address 6889 Pecos Street Unit C		Street North of Monument NM	
City Denver CO 80221		City Portland OR 97208-4870	
Project Contact Jim Dawe jim@tasman-geo.com		Project # RC - GN00 Project - 390362060	
Phone # Cell 720-409-8791 cwasko@tasman-geo.com		Client Purchase Order #	
Sampler(s) Name(s) Amber Troues		Project Manager Stephen Weathers 303-605-1718	
Accutest Sample #		Collection	
Field ID / Point of Collection		MEOH/DI Vial #	
Date		Time	
Sampled by		Matrix	
# of bottles		# of bottles	
TOL		TOL	
NIOH		NIOH	
HMO3		HMO3	
H2SO4		H2SO4	
NONE		NONE	
DI Water		DI Water	
MEOH		MEOH	
BNCONE		BNCONE	
V8260BTX		MSMSD for V8260BTX	
Matrix Codes		LAB USE ONLY	
DW - Drinking Water		36	
GW - Ground Water		37	
WW - Water		38	
SW - Surface Water		39	
SO - Soil		40	
SL - Sludge		41	
SED - Sediment		42	
OI - Oil		43	
LIQ - Other Liquid		44	
AIR - Air		45	
SOL - Other Solid		46	
WIP - Wipe		47	
FB - Field Blank			
EB - Equipment Blank			
RB - Rinse Blank			
TB - Trip Blank			
Turnaround Time (Business days)		Data Deliverable Information	
Comments / Special Instructions			
☐ Std. 15 Business Days		☐ Commercial "A" (Level 1)	
☐ Std. 10 Business Days		☐ Commercial "B" (Level 2)	
☐ 5 Day RUSH		☐ COMMEN	
☐ 3 Day Emergency		☐ COMMEN+	
☐ 2 Day Emergency		☐ COMMEN++	
☐ 1 Day Emergency		☐ COMMEN+++	
☒ STD 5 business days per contract		☐ State Forms Required	
Emergency & Rush T/A data available VIA Lablink		☐ Send Forms to State	
Approved By (Accutest PM): / Date:		☐ Report by Fax	
		☒ Report by PDF	
		☐ EDD Format	
		Commercial "A" = Results Only	
		Commercial "B" = Results + QC Summary	
		Commercial BN = Results/QC/Narrative (+ = chromatograms)	
Sample Custody must be documented below each time samples change possession, including courier delivery.		Email results to Steve Weathers	
Relinquished by Sampler:		Received By:	
Date Time: 2/22/13 18:00		Date Time: 2	
Relinquished by Sampler:		Received By:	
Date Time:		Date Time: 4	
Relinquished by:		Received By:	
Date Time:		Date Time:	
Relinquished By:		Custody Seal #	
Received By:		☐ Intact	
Date Time:		☐ Not Intact	
Received By:		Preserved where applicable	
Date Time:		On Ice	
Received By:		Cooler Temp.	

D43742: Chain of Custody

Page 4 of 6

Accutest Laboratories Mountain States
4036 Youngfield Street Wheat Ridge, Co 80033
TEL: 303-425-6021 877-737-4521
FAX: 303-425-6021

FED-EX Tracking # _____ Bottle Order Control # _____
Accutest Quote # _____ Accutest Job # **D43742**

Client / Reporting Information		Project Information		Requested Analysis (see TEST CODE sheet)												Matrix Codes	
Company Name: <u>Farmington Sciences</u> Street Address: <u>1899 Peers St Unit C</u> City: <u>Denver CO 80221</u> Project Contact: <u>Jim Davis</u> Phone #: <u>720 409 8791</u> Sample(s) Name(s): <u>Amber Enrich</u>		Project Name: <u>DUP Elmdridge</u> Street: _____ City: _____ Project #: _____ Client PO#: _____ Project Manager: _____		Billing Information (if different from Report to): Company Name: <u>DUP Midstream</u> Street Address: <u>PO Box 48770</u> City: <u>Portland OR 97208</u> Attention: <u>Steve Weathers</u>												Matrix Codes: DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OL - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank	
Accutest Sample #	Field ID / Point of Collection	MECH/ID Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	D1 Water	MEOH	ENCORE	Biofilm	LAB USE ONLY
	N/A	N/A	2/20/13	13:30	GA	3	X										4
	NMG-MW-13	N/A	2/20/13	13:30	GA	3	X										49
	Imation Well	N/A	2/20/13	13:00	GA	3	X										49
	Imation Well	N/A	2/20/13	14:25	GA	3	X										50
	DUPC	N/A			GA	3	X										51
	DUPB	N/A			GA	3	X										52
	DUPA	N/A			GA	3	X										53
	NBMSD MW05	N/A	2/19/13	13:00	GA	6	X										18ms/150
	NBMSD MW04	N/A	2/19/13	14:55	GA	5	X										19ms/150
Turnaround Time (Business days) ☐ Std. 10 Business Days ☒ Std. 5 Business Days (By Contract only) ☒ 5 Day /R/ SH ☐ 3 Day EMERGENCY ☐ 2 Day EMERGENCY ☐ 1 Day EMERGENCY																	
Approved By (Accutest PM): / Date: _____ ☐ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☐ Commercial "B" - Narrative ☐ FULLT1 (Level 3+4) ☐ State Forms ☐ EDD Format ☒ PDF Commercial "A" = Results Only Commercial "B" = Results + QC Summary																	
Comments / Special Instructions: <u>Email Results to Steve Weathers</u>																	
Emergency & Rush T/A data available VIA Link																	
Sample Custody must be documented below each time samples change possession, including courier delivery.																	
Relinquished by Sampler: 1 <u>[Signature]</u>		Date Time: <u>2/22/13 1600</u>		Received By: 1 <u>PdEx</u>		Relinquished By: 2 _____		Date Time: 2 _____		Received By: 2 _____		Relinquished by Sampler: 3 _____		Date Time: 3 _____		Received By: 3 _____	
Relinquished by Sampler: 4 _____		Date Time: 4 _____		Received By: 4 _____		Relinquished By: 5 _____		Date Time: 5 _____		Received By: 5 _____		Custody Seal # ☐ Intact ☐ Not Intact		Preserved where applicable ☐ On Ice ☐ Cooler Temp.			

D43742: Chain of Custody

Page 5 of 6

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: D43742

Client: TASMAN

Immediate Client Services Action Required: No

Date / Time Received: 2/23/2013 11:45:00 AM

No. Coolers: 1

Client Service Action Required at Login: No

Project: ELDRIDGE

Airbill #'s: CO

Cooler Security
Y or N
Y or N

- | | |
|--|--|
| 1. Custody Seals Present: ☒ ☐ | 3. COC Present: ☒ ☐ |
| 2. Custody Seals Intact: ☒ ☐ | 4. Smpl Dates/Time OK ☒ ☐ |

Cooler Temperature
Y or N

- | | |
|---|---|
| 1. Temp criteria achieved: ☒ ☐ | 2. Cooler temp verification: Infrared gun |
| 3. Cooler media: Ice (bag) | |

Quality Control Preservation
Y or N
N/A

- | | |
|---|---|
| 1. Trip Blank present / cooler: ☐ ☐ | 2. Trip Blank listed on COC: ☐ ☐ |
| 3. Samples preserved properly: ☒ ☐ | 4. VOCs headspace free: ☐ ☐ ☒ |

Sample Integrity - Documentation
Y or N

- | | |
|---|--|
| 1. Sample labels present on bottles: ☒ ☐ | 2. Container labeling complete: ☒ ☐ |
| 3. Sample container label / COC agree: ☒ ☐ | |

Sample Integrity - Condition
Y or N

- | | |
|---|---|
| 1. Sample recvd within HT: ☒ ☐ | 2. All containers accounted for: ☒ ☐ |
| 3. Condition of sample: Intact | |

Sample Integrity - Instructions
Y or N N/A

- | | |
|--|--|
| 1. Analysis requested is clear: ☒ ☐ | 2. Bottles received for unspecified tests: ☐ ☒ |
| 3. Sufficient volume rec'd for analysis: ☒ ☐ | 4. Compositing instructions clear: ☐ ☐ ☒ |
| 5. Filtering instructions clear: ☐ ☐ ☒ | |

Comments

 Accutest Laboratories
 V:(303) 425-6021

 4036 Youngfield Street
 F: (303) 425-6854

 Wheat Ridge, CO
 www.accutest.com

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Page 1 of 1

Job Number: D43742

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V1017-MB	7V18581.D	1	02/25/13	JL	n/a	n/a	V7V1017

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-15, D43742-16, D43742-17, D43742-18, D43742-20, D43742-21, D43742-22, D43742-23, D43742-24, D43742-25, D43742-26, D43742-27, D43742-28, D43742-29

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.27	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.33	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	3.0	2.0	ug/l	

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	100% 62-130%
2037-26-5	Toluene-D8	100% 70-130%
460-00-4	4-Bromofluorobenzene	95% 69-130%

Method Blank Summary

Page 1 of 1

Job Number: D43742

Account: DCPMCO DN DCP Midstream, LP

Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V1018-MB	7V18601.D	1	02/26/13	JL	n/a	n/a	V7V1018

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-1, D43742-2, D43742-3, D43742-4, D43742-5, D43742-6, D43742-7, D43742-8, D43742-9, D43742-10, D43742-11, D43742-12, D43742-13, D43742-14, D43742-19

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.27	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.33	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	3.0	2.0	ug/l	

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	99% 62-130%
2037-26-5	Toluene-D8	100% 70-130%
460-00-4	4-Bromofluorobenzene	95% 69-130%

Method Blank Summary

Page 1 of 1

Job Number: D43742

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V994-MB	6V17901.D	1	02/26/13	BR	n/a	n/a	V6V994

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-32, D43742-33, D43742-34, D43742-35, D43742-36, D43742-37, D43742-38, D43742-39, D43742-41, D43742-42

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.27	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.33	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	3.0	2.0	ug/l	

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	101% 62-130%
2037-26-5	Toluene-D8	99% 70-130%
460-00-4	4-Bromofluorobenzene	96% 69-130%

Method Blank Summary

Page 1 of 1

Job Number: D43742

Account: DCPMCO DN DCP Midstream, LP

Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V1364-MB	3V23175.D	1	02/26/13	BR	n/a	n/a	V3V1364

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-30, D43742-31

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.27	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.33	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	3.0	2.0	ug/l	

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	100% 62-130%
2037-26-5	Toluene-D8	100% 70-130%
460-00-4	4-Bromofluorobenzene	100% 69-130%

Method Blank Summary

Page 1 of 1

Job Number: D43742

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V1019-MB	7V18622.D	1	02/26/13	JL	n/a	n/a	V7V1019

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-50, D43742-51, D43742-53, D43742-54

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.27	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.33	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	3.0	2.0	ug/l	

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	100% 62-130%
2037-26-5	Toluene-D8	98% 70-130%
460-00-4	4-Bromofluorobenzene	95% 69-130%

Method Blank Summary

Page 1 of 1

Job Number: D43742

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V995-MB	6V17922.D	1	02/26/13	BR	n/a	n/a	V6V995

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-43, D43742-44, D43742-45, D43742-46, D43742-47, D43742-48, D43742-49

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.27	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.33	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	3.0	2.0	ug/l	

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	104% 62-130%
2037-26-5	Toluene-D8	97% 70-130%
460-00-4	4-Bromofluorobenzene	94% 69-130%

Method Blank Summary

Page 1 of 1

Job Number: D43742

Account: DCPMCO DN DCP Midstream, LP

Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V1021-MB	7V18664.D	1	02/27/13	JL	n/a	n/a	V7V1021

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-40, D43742-52

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.27	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.33	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	3.0	2.0	ug/l	

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	95% 62-130%
2037-26-5	Toluene-D8	100% 70-130%
460-00-4	4-Bromofluorobenzene	95% 69-130%

Method Blank Summary

Page 1 of 1

Job Number: D43742

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V1368-MB	3V23237.D	1	02/28/13	BR	n/a	n/a	V3V1368

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-34

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	104% 62-130%
2037-26-5	Toluene-D8	99% 70-130%
460-00-4	4-Bromofluorobenzene	98% 69-130%

Blank Spike Summary

Page 1 of 1

Job Number: D43742

Account: DCPMCO DN DCP Midstream, LP

Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V1017-BS	7V18582.D	1	02/25/13	JL	n/a	n/a	V7V1017

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-15, D43742-16, D43742-17, D43742-18, D43742-20, D43742-21, D43742-22, D43742-23, D43742-24, D43742-25, D43742-26, D43742-27, D43742-28, D43742-29

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	48.5	97	70-130
100-41-4	Ethylbenzene	50	49.1	98	70-130
108-88-3	Toluene	50	48.7	97	70-130
1330-20-7	Xylene (total)	150	152	101	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	100%	62-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	102%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D43742
Account: DCPMCO DN DCP Midstream, LP
Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V1018-BS	7V18602.D	1	02/26/13	JL	n/a	n/a	V7V1018

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-1, D43742-2, D43742-3, D43742-4, D43742-5, D43742-6, D43742-7, D43742-8, D43742-9, D43742-10, D43742-11, D43742-12, D43742-13, D43742-14, D43742-19

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	49.2	98	70-130
100-41-4	Ethylbenzene	50	49.2	98	70-130
108-88-3	Toluene	50	48.7	97	70-130
1330-20-7	Xylene (total)	150	151	101	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	100%	62-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	101%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D43742

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V994-BS	6V17902.D	1	02/26/13	BR	n/a	n/a	V6V994

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-32, D43742-33, D43742-34, D43742-35, D43742-36, D43742-37, D43742-38, D43742-39, D43742-41, D43742-42

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	50.7	101	70-130
100-41-4	Ethylbenzene	50	52.8	106	70-130
108-88-3	Toluene	50	50.5	101	70-130
1330-20-7	Xylene (total)	150	161	107	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	99%	62-130%
2037-26-5	Toluene-D8	101%	70-130%
460-00-4	4-Bromofluorobenzene	103%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D43742

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V1364-BS	3V23176.D	1	02/26/13	BR	n/a	n/a	V3V1364

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-30, D43742-31

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	52.5	105	70-130
100-41-4	Ethylbenzene	50	50.2	100	70-130
108-88-3	Toluene	50	48.8	98	70-130
1330-20-7	Xylene (total)	150	145	97	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	101%	62-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	103%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D43742

Account: DCPMCO DN DCP Midstream, LP

Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V1019-BS	7V18623.D	1	02/26/13	JL	n/a	n/a	V7V1019

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-50, D43742-51, D43742-53, D43742-54

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	48.8	98	70-130
100-41-4	Ethylbenzene	50	49.4	99	70-130
108-88-3	Toluene	50	48.5	97	70-130
1330-20-7	Xylene (total)	150	152	101	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	98%	62-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	103%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D43742

Account: DCPMCO DN DCP Midstream, LP

Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V995-BS	6V17923.D	1	02/26/13	BR	n/a	n/a	V6V995

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-43, D43742-44, D43742-45, D43742-46, D43742-47, D43742-48, D43742-49

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	49.6	99	70-130
100-41-4	Ethylbenzene	50	51.4	103	70-130
108-88-3	Toluene	50	48.6	97	70-130
1330-20-7	Xylene (total)	150	156	104	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	101%	62-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	101%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D43742

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V1021-BS	7V18665.D	1	02/27/13	JL	n/a	n/a	V7V1021

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-40, D43742-52

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	46.4	93	70-130
100-41-4	Ethylbenzene	50	48.0	96	70-130
108-88-3	Toluene	50	46.9	94	70-130
1330-20-7	Xylene (total)	150	148	99	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	94%	62-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	102%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D43742

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V1368-BS	3V23238.D	1	02/28/13	BR	n/a	n/a	V3V1368

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-34

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	50.8	102	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	105%	62-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	102%	69-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: D43742
Account: DCPMCO DN DCP Midstream, LP
Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D43742-18MS	7V18583.D	1	02/25/13	JL	n/a	n/a	V7V1017
D43742-18MSD	7V18584.D	1	02/25/13	JL	n/a	n/a	V7V1017
D43742-18	7V18585.D	1	02/25/13	JL	n/a	n/a	V7V1017

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-15, D43742-16, D43742-17, D43742-18, D43742-20, D43742-21, D43742-22, D43742-23, D43742-24, D43742-25, D43742-26, D43742-27, D43742-28, D43742-29

CAS No.	Compound	D43742-18 ug/l	Spike Q	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	50	48.9	98	48.6	97	1	62-130/30
100-41-4	Ethylbenzene	ND	50	48.7	97	48.5	97	0	63-130/30
108-88-3	Toluene	ND	50	47.9	96	48.1	96	0	60-130/30
1330-20-7	Xylene (total)	ND	150	150	100	149	99	1	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D43742-18	Limits
17060-07-0	1,2-Dichloroethane-D4	102%	102%	104%	62-130%
2037-26-5	Toluene-D8	97%	99%	100%	70-130%
460-00-4	4-Bromofluorobenzene	99%	100%	94%	69-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: D43742

Account: DCPMCO DN DCP Midstream, LP

Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D43742-19MS	7V18603.D	1	02/26/13	JL	n/a	n/a	V7V1018
D43742-19MSD	7V18604.D	1	02/26/13	JL	n/a	n/a	V7V1018
D43742-19	7V18605.D	1	02/26/13	JL	n/a	n/a	V7V1018

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-1, D43742-2, D43742-3, D43742-4, D43742-5, D43742-6, D43742-7, D43742-8, D43742-9, D43742-10, D43742-11, D43742-12, D43742-13, D43742-14, D43742-19

CAS No.	Compound	D43742-19 ug/l	Spike Q	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	50	49.4	99	50.7	101	3	62-130/30
100-41-4	Ethylbenzene	ND	50	49.7	99	51.2	102	3	63-130/30
108-88-3	Toluene	ND	50	49.3	99	50.5	101	2	60-130/30
1330-20-7	Xylene (total)	ND	150	153	102	157	105	3	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D43742-19	Limits
17060-07-0	1,2-Dichloroethane-D4	97%	100%	99%	62-130%
2037-26-5	Toluene-D8	97%	101%	99%	70-130%
460-00-4	4-Bromofluorobenzene	101%	103%	93%	69-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: D43742
Account: DCPMCOA DCP Midstream, LP
Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D43742-35MS	6V17904.D	5	02/26/13	BR	n/a	n/a	V6V994
D43742-35MSD	6V17905.D	5	02/26/13	BR	n/a	n/a	V6V994
D43742-35	6V17903.D	5	02/26/13	BR	n/a	n/a	V6V994

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-32, D43742-33, D43742-34, D43742-35, D43742-36, D43742-37, D43742-38, D43742-39, D43742-41, D43742-42

CAS No.	Compound	D43742-35 ug/l	Spike Q ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	778	250	969	76	968	76	0	62-130/30
100-41-4	Ethylbenzene	48.2	250	300	101	299	100	0	63-130/30
108-88-3	Toluene	ND	250	241	96	240	96	0	60-130/30
1330-20-7	Xylene (total)	ND	750	775	103	762	102	2	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D43742-35	Limits
17060-07-0	1,2-Dichloroethane-D4	104%	102%	106%	62-130%
2037-26-5	Toluene-D8	103%	101%	99%	70-130%
460-00-4	4-Bromofluorobenzene	103%	103%	96%	69-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: D43742
Account: DCPMCO DN DCP Midstream, LP
Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D43742-31MS	3V23181.D	50	02/26/13	BR	n/a	n/a	V3V1364
D43742-31MSD	3V23182.D	50	02/26/13	BR	n/a	n/a	V3V1364
D43742-31	3V23180.D	50	02/26/13	BR	n/a	n/a	V3V1364
D43742-31	3V23183.D	500	02/26/13	BR	n/a	n/a	V3V1364

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-30, D43742-31

CAS No.	Compound	D43742-31 ug/l	Spike Q ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	10500 ^b	2500	14200	148* ^a	14600	164* ^a	3	62-130/30
100-41-4	Ethylbenzene	131	2500	2760	105	2770	106	0	63-130/30
108-88-3	Toluene	ND	2500	2490	100	2550	102	2	60-130/30
1330-20-7	Xylene (total)	ND	7500	7480	100	7580	101	1	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D43742-31	D43742-31	Limits
17060-07-0	1,2-Dichloroethane-D4	109%	109%	105%	107%	62-130%
2037-26-5	Toluene-D8	100%	99%	98%	99%	70-130%
460-00-4	4-Bromofluorobenzene	102%	104%	95%	95%	69-130%

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

(b) Result is from Run #2.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: D43742
Account: DCPMCO DN DCP Midstream, LP
Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D43743-10MS	7V18624.D	1	02/26/13	JL	n/a	n/a	V7V1019
D43743-10MSD	7V18625.D	1	02/26/13	JL	n/a	n/a	V7V1019
D43743-10	7V18626.D	1	02/26/13	JL	n/a	n/a	V7V1019

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-50, D43742-51, D43742-53, D43742-54

CAS No.	Compound	D43743-10 ug/l	Spike Q ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	50	48.5	97	48.6	97	0	62-130/30
100-41-4	Ethylbenzene	ND	50	49.5	99	48.9	98	1	63-130/30
108-88-3	Toluene	ND	50	48.9	98	48.2	96	1	60-130/30
1330-20-7	Xylene (total)	ND	150	153	102	151	101	1	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D43743-10	Limits
17060-07-0	1,2-Dichloroethane-D4	100%	100%	94%	62-130%
2037-26-5	Toluene-D8	100%	99%	98%	70-130%
460-00-4	4-Bromofluorobenzene	103%	102%	94%	69-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: D43742
Account: DCPMCO DN DCP Midstream, LP
Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D43745-7MS	6V17936.D	1	02/27/13	BR	n/a	n/a	V6V995
D43745-7MSD	6V17937.D	1	02/27/13	BR	n/a	n/a	V6V995
D43745-7	6V17935.D	1	02/27/13	BR	n/a	n/a	V6V995

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-43, D43742-44, D43742-45, D43742-46, D43742-47, D43742-48, D43742-49

CAS No.	Compound	D43745-7 ug/l	Spike Q ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	50	50.9	102	49.1	98	4	62-130/30
100-41-4	Ethylbenzene	ND	50	51.7	103	51.5	103	0	63-130/30
108-88-3	Toluene	ND	50	49.1	98	49.4	99	1	60-130/30
1330-20-7	Xylene (total)	ND	150	161	107	160	107	1	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D43745-7	Limits
17060-07-0	1,2-Dichloroethane-D4	105%	106%	118%	62-130%
2037-26-5	Toluene-D8	100%	103%	96%	70-130%
460-00-4	4-Bromofluorobenzene	103%	104%	92%	69-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: D43742
Account: DCPMCO DN DCP Midstream, LP
Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D43746-6MS	7V18666.D	1	02/27/13	JL	n/a	n/a	V7V1021
D43746-6MSD	7V18667.D	1	02/27/13	JL	n/a	n/a	V7V1021
D43746-6	7V18668.D	1	02/27/13	JL	n/a	n/a	V7V1021

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-40, D43742-52

CAS No.	Compound	D43746-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	0.27	J	50	47.2	94	46.2	92	2	62-130/30
100-41-4	Ethylbenzene	ND		50	48.7	97	47.5	95	2	63-130/30
108-88-3	Toluene	ND		50	47.2	94	46.8	94	1	60-130/30
1330-20-7	Xylene (total)	ND		150	150	100	147	98	2	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D43746-6	Limits
17060-07-0	1,2-Dichloroethane-D4	97%	98%	97%	62-130%
2037-26-5	Toluene-D8	97%	98%	99%	70-130%
460-00-4	4-Bromofluorobenzene	102%	101%	92%	69-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: D43742
Account: DCPMCOA DCP Midstream, LP
Project: TASMCOA:Eldridge

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D43742-34MS	3V23240.D	5	02/28/13	BR	n/a	n/a	V3V1368
D43742-34MSD	3V23241.D	5	02/28/13	BR	n/a	n/a	V3V1368
D43742-34	3V23239.D	5	02/28/13	BR	n/a	n/a	V3V1368

The QC reported here applies to the following samples:

Method: SW846 8260B

D43742-34

CAS No.	Compound	D43742-34 ug/l	Spike Q ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	424	250	683	104	713	116	4	62-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D43742-34	Limits
17060-07-0	1,2-Dichloroethane-D4	105%	107%	106%	62-130%
2037-26-5	Toluene-D8	101%	102%	105%	70-130%
460-00-4	4-Bromofluorobenzene	99%	103%	95%	69-130%

* = Outside of Control Limits.

Appendix B
Historical Analytical Results

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-1	3/1/2008	1.4	0.0395	0.948	0.128	
MW-1	3/18/2008	0.0125	<0.00048	0.062	0.0952	
MW-1	6/1/2008	2.75	0.054	2.17	0.232	
MW-1	9/1/2008	1.1	0.0375	0.845	0.131	
MW-1	12/1/2008	0.869	0.0385	0.581	0.0709	
MW-1	12/4/2008	0.0065	<0.00048	0.0274	0.0356	
MW-1	3/1/2009	0.288	0.0149	0.107	0.0395	
MW-1	3/10/2009	<0.00046	<0.00048	0.0315	0.0439	
MW-1	5/1/2009	1.38	0.0705	0.175	0.065	
MW-1	5/20/2009	0.0069	<0.00048	0.0309	0.0438	
MW-1	9/1/2009	0.267	0.024	0.0332	0.0078	
MW-1	9/22/2009	0.0055	<0.00043	0.0147	0.0149	
MW-1	12/1/2009	0.819	0.088	0.0267	0.012	
MW-1	12/19/2009	0.006	<0.00043	0.0143	0.0205	
MW-1	3/23/2010	0.726	0.0879	0.107	0.0278	
MW-1	3/23/2010	0.0046	<0.002	0.0216	0.0266	
MW-1	3/23/2010	0.0041	<0.00043	0.021	0.0258	
MW-1	6/10/2010	0.0031	<0.0043	0.0182	0.0208	
MW-1	6/30/2010	0.0031	<0.00043	0.0182	0.0208	
MW-1	9/15/2010	0.0073	<0.01	0.035	0.0369	
MW-1	9/16/2010	0.0073	<0.0050	0.035	-	
MW-1	4/25/2011	0.0053	<0.002	0.0302	0.0302	
MW-1	4/27/2011	0.0053	<0.0010	0.0302	0.0302	
MW-1	9/14/2011	0.0031	<0.002	0.0194	0.0075	
MW-1	3/6/2012	0.0027	<0.002	<0.002	<0.004	
MW-1	9/7/2012	0.0023	<0.002	0.0156	<0.003	
MW-1	2/21/2013	0.0021	<0.002	0.0153	<0.003	
MW-1D	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-1D	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-1D	3/10/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-1D	5/20/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-1D	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-1D	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-1D	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-1D	6/30/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-1D	9/16/2010	<0.00030	<0.0010	<0.00030	-	
MW-1D	3/23/2010	<0.0002	<0.002	<0.002	<0.006	
MW-1D	6/10/2010	<0.0005	<0.00043	<0.00055	<0.0017	
MW-1D	9/15/2010	<0.001	<0.002	<0.002	<0.004	
MW-1D	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-1D	4/27/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-1D	9/14/2011	<0.001	<0.002	0.0005	<0.004	
MW-1D	3/6/2012	<0.001	<0.002	<0.002	<0.004	
MW-1D	9/7/2012	<0.001	<0.002	<0.002	<0.003	
MW-1D	2/21/2013	<0.001	<0.002	<0.002	<0.003	

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-2	3/1/2008	8.98	0.135	6.58	0.765	
MW-2	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-2	6/1/2008	24.3	0.319	18.5	2.58	
MW-2	9/1/2008	21.7	0.443	9.79	4.25	
MW-2	12/1/2008	Not Sampled: Remediation Activities				
MW-2	3/1/2009	23.7	0.538	2.34	1.25	
MW-2	5/1/2009	32.7	0.791	1.31	1.69	
MW-2	9/1/2009	29.3	0.491	0.771	0.371	
MW-2	12/1/2009	28.5	0.57	0.347	0.177	
MW-2	3/1/2010	23.8	0.529	0.71	<1.2	
MW-2	9/7/2012	NS	NS	NS	NS	
MW-3	2/21/2013	NS	NS	NS	NS	
MW-3	3-2008	0.759	0.0355	0.849	0.0786	
MW-3	6-2008	6.18	0.287	9.46	1.23	
MW-3	9-2008	2.45	0.145	3.62	1.14	
MW-3	12-2008	0.761	0.0492	0.938	0.158	
MW-3	3-2009	4.03	0.18	2.83	0.61	
MW-3	5-2009	14.7	0.808	12.6	1.64	
MW-3	9-2009	5.5	0.271	1.09	<0.006	
MW-3	12-2009	13.1	1.2	9.08	2.87	
MW-3	3-2010	8.43	1.01	9.14	2.71	
MW-3	9/7/2012	NS	NS	NS	NS	
MW-3	2/21/2013	NS	NS	NS	NS	

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-4	3/1/2008	0.0102	<0.002	0.0093	0.0023	
MW-4	3/18/2008	0.0047	0.069	0.233	0.792	
MW-4	6/1/2008	0.0439	0.0068	0.0256	0.0147	
MW-4	9/1/2008	0.514	0.0203	0.443	0.125	
MW-4	12/1/2008	1.32	0.0812	1.35	0.239	
MW-4	12/4/2008	0.0038	0.0291	0.225	0.682	
MW-4	3/1/2009	3.61	0.164	3.4	0.831	
MW-4	3/10/2009	<0.00046	0.0299	0.18	0.577	
MW-4	5/1/2009	4.7	0.428	2.94	1.03	
MW-4	5/20/2009	0.0039	0.0255	0.241	0.761	
MW-4	9/1/2009	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	9/22/2009	0.003	0.0119	0.191	0.544	
MW-4	12/1/2009	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	12/19/2009	0.0018	0.0115	0.185	0.585	
MW-4	3/1/2010	LNAPL	LNAPL	LNAPL	LNAPL	
MW-4	3/23/2010	<.01	0.006	0.181	0.599	
MW-4	3/23/2010	<0.0025	<0.0022	0.181	0.599	
MW-4	6/10/2010	<0.0025	0.003	0.145	0.469	
MW-4	6/30/2010	<0.0025	0.003	0.145	0.469	
MW-4	9/15/2010	<.005	0.0022	0.197	0.5378	
MW-4	9/16/2010	<0.0015	0.0064	0.189	-	
MW-4	4/25/2011	0.0013	0.0022	0.159	0.481	
MW-4	4/27/2011	0.0013	0.0022	0.159	0.481	
MW-4	9/14/2011	0.0011	<0.004	0.0968	0.291	
MW-4	3/6/2012	0.00033	<0.002	0.0407	0.397	
MW-4	9/7/2012	0.00059	0.0012	0.078	0.29	
MW-4	2/21/2013	0.00049	<0.002	0.0802	0.244	

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-5	3/1/2008	0.0019	<0.002	0.0012	<0.006	
MW-5	3/18/2008	0.002	0.001	0.0161	0.0653	
MW-5	6/1/2008	0.0037	<0.002	0.0037	<0.006	
MW-5	9/1/2008	0.0038	<0.002	0.0037	<0.006	
MW-5	12/1/2008	0.0031	<0.002	0.004	<0.006	
MW-5	12/4/2008	<0.00046	<0.00048	0.0161	0.0542	
MW-5	3/1/2009	0.0067	<0.002	0.0074	<0.006	
MW-5	3/10/2009	<0.00046	<0.00048	0.0165	0.0634	
MW-5	3/23/2010	0.0007	<0.00043	0.017	0.057	
MW-5	5/1/2009	0.0064	<0.002	0.0089	<0.006	
MW-5	5/20/2009	<0.00046	<0.00048	0.0055	0.0223	
MW-5	9/1/2009	0.0082	0.00066	0.0132	<0.006	
MW-5	9/22/2009	0.0005	<0.00043	0.0148	0.0509	
MW-5	12/1/2009	0.0096	0.0013	0.0155	0.0021	
MW-5	12/19/2009	0.00056	<0.00043	0.0185	0.0587	
MW-5	3/1/2010	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	3/23/2010	<0.002	<0.002	0.017	0.057	
MW-5	6/10/2010	NS	NS	NS	NS	
MW-5	9/15/2010	0.00058	<0.002	0.0023	0.0056	
MW-5	9/16/2010	0.00058	<0.0010	0.0023	-	
MW-5	4/25/2011	0.00047	<0.002	0.0122	0.0422	
MW-5	4/27/2011	0.00047	<0.0010	0.0122	0.0422	
MW-5	9/14/2011	0.00028	<0.002	0.0091	0.0314	
MW-5	3/6/2012	<0.001	<0.002	0.0095	0.0351	
MW-5	9/7/2012	0.00034	<0.002	0.0073	0.0253	
MW-5	2/21/2013	0.00045	<0.002	0.0068	0.0242	

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-6	3/18/2008	<0.00046	<0.00048	0.0164	0.0855	
MW-6	6/1/2008	<0.002	<0.002	<0.002	<0.006	
MW-6	9/1/2008	<0.002	<0.002	<0.002	<0.006	
MW-6	12/1/2008	<0.002	<0.002	<0.002	<0.006	
MW-6	12/4/2008	<0.00046	<0.00048	0.005	0.0226	
MW-6	3/1/2009	<0.002	<0.002	<0.002	<0.006	
MW-6	3/10/2009	<0.00046	<0.00048	0.0027	0.0116	
MW-6	5/1/2009	<0.002	<0.002	<0.002	<0.006	
MW-6	5/21/2009	<0.00046	<0.00048	0.004	0.0173	
MW-6	9/1/2009	<0.002	<0.002	<0.002	<0.006	
MW-6	9/22/2009	<0.00050	<0.00043	0.0018	0.0075	
MW-6	12/12/2009	<0.002	<0.002	<0.002	<0.006	
MW-6	12/19/2009	<0.00050	<0.00043	0.0016	<0.0017	
MW-6	3/1/2010	<0.002	<0.002	<0.002	<0.006	
MW-6	3/23/2010	<0.002	<0.002	0.00095	0.003	
MW-6	3/23/2010	<0.00050	<0.00043	0.00095	0.003	
MW-6	6/10/2010	NS	NS	NS	NS	
MW-6	9/15/2010	<0.002	<0.004	0.000097	<0.004	
MW-6	9/15/2010	<0.00060	<0.0020	0.00097	-	
MW-6	4/27/2011	<0.00030	<0.0010	0.00041	<0.00060	
MW-6	4/25/2011	<0.001	<0.002	0.00041	<0.002	
MW-6	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-6	3/6/2012	<0.001	<0.002	<0.002	<0.004	
MW-6	9/7/2012	<0.001	<0.002	<0.002	<0.003	
MW-6	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-7	6/1/2008	<0.002	<0.002	<0.002	<0.006	
MW-7	9/1/2008	<0.002	<0.002	<0.002	<0.006	
MW-7	12/1/2008	<0.002	<0.002	<0.002	<0.006	
MW-7	3/1/2009	<0.002	<0.002	<0.002	<0.006	
MW-7	5/1/2009	<0.002	<0.002	<0.002	<0.006	
MW-7	9/1/2009	<0.002	<0.002	<0.002	<0.006	
MW-7	12/1/2009	<0.002	<0.002	<0.002	<0.006	
MW-7	3/1/2010	<0.002	<0.002	<0.002	<0.006	
MW-7	9/7/2012	NS	NS	NS	NS	
MW-7	2/21/2013	NS	NS	NS	NS	

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-8	3/19/2008	0.562	0.0029	0.164	0.437	
MW-8	6/1/2008	0.0384	0.00049	0.0255	0.0016	
MW-8	9/1/2008	0.0301	<0.002	0.0161	0.002	
MW-8	12/1/2008	0.00233	<0.002	0.011	<0.006	
MW-8	12/3/2008	0.256	0.002	0.127	0.324	
MW-8	3/1/2009	0.0218	<0.002	0.0066	<0.006	
MW-8	3/10/2009	0.237	<0.024	0.112	0.413	
MW-8	5/1/2009	0.0098	<0.002	0.0049	<0.006	
MW-8	5/21/2009	0.189	0.0016	0.143	0.37	
MW-8	9/1/2009	<0.002	<0.002	<0.002	<0.006	
MW-8	9/22/2009	0.146	0.0011	0.104	0.27	
MW-8	12/1/2009	<0.002	<0.002	<0.002	<0.006	
MW-8	12/19/2009	0.0852	0.0013	0.0929	0.224	
MW-8	3/1/2010	<0.002	<0.002	<0.002	<0.006	
MW-8	3/23/2010	0.0493	0.00072	0.0728	0.19	
MW-8	3/23/2010	0.0493	0.00072	0.0728	0.19	
MW-8	6/10/2010	NS	NS	NS	NS	
MW-8	9/15/2010	0.0197	<0.002	0.084	0.2072	
MW-8	9/15/2010	0.0197	<0.0010	0.084	-	
MW-8	4/27/2011	0.0273	<0.0010	0.112	0.236	
MW-8	4/25/2011	0.0273	<0.002	0.112	0.236	
MW-8	9/14/2011	0.0117	<0.004	0.0659	0.136	
MW-8	3/8/2012	0.0085	<0.002	0.0473	0.121	Duplicate C sample collected
MW-8	9/6/2012	0.0029	<0.002	0.131	0.344	Duplicate C sample collected
MW-8	2/20/2013	0.0024	<0.002	0.0375	0.0966	
MW-9	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-9	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-9	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-9	5/20/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-9	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-9	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-9	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-9	6/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-9	3/23/2010	<0.002	<0.002	<0.002	<0.006	
MW-9	6/10/2010	<0.005	<0.0043	<0.00055	<0.0017	
MW-9	9/15/2010	<0.001	<0.002	<0.002	<0.004	
MW-9	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-9	4/25/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-9	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-9	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-9	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-9	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-9	2/20/2013	<0.001	<0.002	<0.002	<0.003	

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-10	3/19/2008	0.178	<0.00048	0.0361	0.0538	
MW-10	12/3/2008	0.0111	<0.00048	0.0277	0.0396	
MW-10	3/10/2009	<0.00046	<0.00048	0.0328	0.0463	
MW-10	5/21/2009	0.0073	<0.00048	0.0299	0.0417	
MW-10	9/22/2009	0.005	<0.00043	0.0183	0.0274	
MW-10	12/19/2009	0.0119	<0.00043	0.016	0.0231	
MW-10	3/23/2010	0.0128	<0.002	0.0101	0.0143	
MW-10	3/23/2010	0.0128	<0.00043	0.0101	0.0143	
MW-10	6/10/2010	NS	NS	NS	NS	
MW-10	9/15/2010	0.0366	<0.002	0.0081	0.0088	
MW-10	9/15/2010	0.0366	<0.0010	0.0081	-	
MW-10	4/25/2011	0.0179	<0.002	0.0078	0.0084	
MW-10	4/27/2011	0.0179	<0.0010	0.0078	0.0084	
MW-10	9/14/2011	0.0202	<0.002	0.0041	0.0044	
MW-10	3/8/2012	0.0078	<0.002	0.00086	<0.004	
MW-10	9/6/2012	0.0102	<0.002	0.0012	<0.003	
MW-10	2/20/2013	0.0044	<0.002	<0.002	<0.003	
MW-11	3/19/2008	6.8	0.058	0.204	0.374	
MW-11	12/3/2008	5.83	<0.024	0.224	0.171	
MW-11	3/10/2009	5.77	<0.048	0.21	0.156	
MW-11	5/21/2009	6.51	0.0155	0.304	0.362	
MW-11	9/22/2009	5.77	<0.043	0.297	0.333	
MW-11	12/19/2009	3.76	<0.043	0.225	0.403	
MW-11	3/23/2010	3.73	<0.2	0.197	0.252	
MW-11	3/23/2010	3.73	<0.043	0.197	0.252	
MW-11	6/10/2010	NS	NS	NS	NS	
MW-11	9/15/2010	3.3	<0.1	0.264	0.514	
MW-11	9/15/2010	3.3	<0.050	0.264	-	
MW-11	4/25/2011	2.92	<0.05	0.22	0.22	
MW-11	4/27/2011	2.92	<0.025	0.22	0.22	
MW-11	9/14/2011	3.52	<0.20	0.37	0.403	
MW-11	3/8/2012	2.01	<0.20	0.17	<0.40	
MW-11	9/6/2012	1.85	<0.05	0.139	0.0774	
MW-11	2/20/2013	2.04	<0.05	0.102	<0.075	

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-12	3/19/2008	18.1	0.188	0.299	0.204	
MW-12	12/3/2008	16.3	<0.048	0.346	<0.14	
MW-12	3/10/2009	5.45	<0.097	0.196	<0.27	
MW-12	5/21/2009	16.8	0.0601	0.393	0.142	
MW-12	9/22/2009	15.00	<0.043	0.357	<0.17	
MW-12	12/19/2009	12.00	<0.043	0.342	0.318	
MW-12	3/23/2010	10.9	<0.02	0.271	<0.6	
MW-12	3/23/2010	10.9	<0.043	0.271	<0.17	
MW-12	6/10/2010	NS	NS	NS	NS	
MW-12	9/15/2010	12.4	0.141	0.237	0.109	
MW-12	9/15/2010	12.4	0.141	0.237	-	
MW-12	4/25/2011	11.6	<0.2	0.261	0.0739	
MW-12	4/27/2011	11.6	<0.10	0.261	0.0739	
MW-12	9/14/2011	9.51	<0.20	0.307	<0.40	
MW-12	3/8/2012	17.0	<0.20	0.71	<0.40	
MW-12	9/6/2012	7.12	<0.20	0.337	<0.30	
MW-12	2/20/2013	3.10	<0.10	0.187	<0.15	
MW-14	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-14	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-14	3/10/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-14	5/20/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-14	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-14	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-14	3/23/2010	<0.002	<0.002	<0.002	<0.006	
MW-14	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-14	6/10/2010	NS	NS	NS	NS	
MW-14	9/15/2010	<0.001	<0.002	<0.002	<0.004	
MW-14	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-14	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-14	4/27/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-14	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-14	3/8/2012	<0.001	<0.002	<0.002	<0.004	
MW-14	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-14	2/19/2013	<0.001	<0.002	<0.002	<0.003	

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission		0.01	0.75	0.75	0.62	
Groundwater Standards (mg/L)						
MW-16	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-16	12/2/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-16	3/10/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-16	5/20/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-16	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-16	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-16	3/23/2010	<0.002	<0.002	<0.002	<0.006	
MW-16	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-16	6/10/2010	<0.0005	<0.00043	<0.00055	<0.0017	
MW-16	6/28/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-16	9/15/2010	<0.001	<0.002	<0.002	<0.004	
MW-16	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-16	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-16	4/27/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-16	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-16	9/7/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-17	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-17	12/2/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-17	3/10/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-17	5/20/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-17	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-17	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-17	3/23/2010	<0.002	<0.002	<0.002	<0.006	
MW-17	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-17	6/10/2010	<0.0005	<0.00043	<0.00055	<0.0017	
MW-17	6/28/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-17	9/15/2010	<0.001	<0.002	<0.002	<0.004	
MW-17	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-17	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-17	4/27/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-17	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-17	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-17 ⁽³⁾	9/7/2012	NS	NS	NS	NS	
MW-17	2/22/2013	<0.001	<0.002	<0.002	<0.003	

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-18	3/19/2008	0.0024	<0.00048	0.0101	0.0245	
MW-18	12/4/2008	0.0046	0.0005	0.017	0.0529	
MW-18	3/10/2009	0.0062	<0.00048	0.0213	0.0642	
MW-18	5/21/2009	0.0049	<0.00048	0.0151	0.0564	
MW-18	9/22/2009	0.0074	<0.00043	0.0118	0.0385	
MW-18	12/19/2009	0.0115	<0.00043	0.0272	0.0785	
MW-18	3/23/2010	0.0075	<0.002	0.025	0.0699	
MW-18	3/23/2010	0.0075	<0.00043	0.025	0.0699	
MW-18	6/10/2010	NS	NS	NS	NS	
MW-18	9/15/2010	0.0012	<0.002	0.00066	0.00068	
MW-18	9/15/2010	0.0012	<0.0010	0.00066	-	
MW-18	4/25/2011	0.0019	<0.002	0.0054	0.0222	
MW-18	4/27/2011	0.0019	<0.0010	0.0054	0.0222	
MW-18	9/14/2011	0.0019	<0.002	0.0053	0.0073	
MW-18	3/8/2012	0.00038	<0.002	0.0012	<0.004	
MW-18	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-18	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-19	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-19	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-19	5/21/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-19	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-19	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-19	3/23/2010	<0.002	<0.002	<0.002	<0.006	
MW-19	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-19	6/10/2010	NS	NS	NS	NS	
MW-19	9/15/2010	<0.001	<0.002	<0.002	<0.004	
MW-19	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-19	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-19	4/25/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-19	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-19	9/7/2012	0.00032	<0.002	<0.002	<0.003	
MW-19	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-20	3/8/2012	NS	NS	NS	NS	
MW-20	9/7/2012	NS	NS	NS	NS	
MW-20	2/20/2013	<0.001	<0.002	<0.002	<0.003	

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-22	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-22	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-22	3/10/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-22	5/20/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-22	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-22	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-22	3/23/2010	NS	NS	NS	NS	
MW-22	6/10/2010	NS	NS	NS	NS	
MW-22	9/15/2010	NS	NS	NS	NS	
MW-22	4/25/2011	NS	NS	NS	NS	
MW-22	9/14/2011	NS	NS	NS	NS	
MW-22	3/8/2012	NS	NS	NS	NS	
MW-22	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-22	2/19/2013	NS	NS	NS	NS	
MW-23	3/18/2008	0.0514	0.0039	0.0749	0.126	
MW-23	12/3/2008	0.105	0.0025	0.112	0.113	
MW-23	3/10/2009	0.114	0.0013	0.141	0.0922	
MW-23	5/20/2009	0.0866	0.0019	0.139	0.0714	
MW-23	9/22/2009	0.129	0.00082	0.168	0.0646	
MW-23	12/19/2009	0.157	0.00085	0.228	0.0258	
MW-23	3/23/2010	0.107	<0.01	0.157	0.0141	
MW-23	3/23/2010	0.107	<0.0022	0.157	0.0141	
MW-23	6/10/2010	NS	NS	NS	NS	
MW-23	9/15/2010	0.0215	0.0014	0.0836	<0.004	
MW-23	9/15/2010	0.0215	0.0014	0.0836	-	
MW-23	4/25/2011	0.0392	<0.002	0.0589	0.006	
MW-23	4/27/2011	0.0392	<0.0010	0.0589	0.006	
MW-23	9/14/2011	0.0588	<0.004	0.121	<0.008	Duplicate B sample collected
MW-23	3/8/2012	0.0505	<0.002	0.127	0.0034	
MW-23	9/6/2012	0.029	<0.002	0.094	0.0032	
MW-23	2/19/2013	0.0509	<0.002	0.0698	0.0024	

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-24	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-24	12/2/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-24	3/10/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-24	5/20/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-24	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-24	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-24	3/23/2010	<0.002	<0.002	<0.002	<0.006	
MW-24	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-24	6/10/2010	<.0005	<.00043	<0.0055	<0.0017	
MW-24	6/28/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-24	9/15/2010	<0.001	<0.002	<0.002	<0.004	
MW-24	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-24	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-24	4/27/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-24	9/14/2011	0.00051	<0.002	<0.002	<0.004	
MW-24	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-24	9/7/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-25	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-25	3/10/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-25	5/20/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-25	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-25	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-25	3/23/2010	<0.002	<0.002	<0.002	<0.006	
MW-25	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-25	6/10/2010	<.0005	<.00043	<0.0055	<0.0017	
MW-25	6/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-25	9/15/2010	<0.001	<0.002	<0.002	<0.004	
MW-25	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-25	4/27/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-25	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-25	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-25	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-25	9/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-26	3/10/2009	13.3	16.4	0.545	1.77	
MW-26	3/23/2010	NS	NS	NS	NS	
MW-26	6/10/2010	NS	NS	NS	NS	
MW-26	9/15/2010	36.5	33.9	1.47	2.79	
MW-26	9/15/2010	36.5	33.9	1.47	-	
MW-26	4/25/2011	NS	NS	NS	NS	
MW-26	9/14/2011	NS	NS	NS	NS	
MW-26	3/8/2012	NS	NS	NS	NS	
MW-26	9/7/2012	NS	NS	NS	NS	
MW-26	2/19/2013	LNAPL	LNAPL	LNAPL	LNAPL	

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-28	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-28	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-28	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-28	5/20/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-28	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-28	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-28	3/23/2010	<0.002	<0.002	<0.002	<0.006	
MW-28	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-28	6/10/2010	<.005	<.00043	<0.0055	<0.0017	
MW-28	6/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-28	9/15/2010	<0.001	<0.002	<0.002	<0.004	
MW-28	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-28	4/26/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-28	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-28	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-28	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-28	9/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-28	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-29	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-29	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-29	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-29	5/20/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-29	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-29	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-29	3/23/2010	<0.002	<0.002	<0.002	<0.006	
MW-29	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-29	6/10/2010	NS	NS	NS	NS	
MW-29	9/15/2010	<0.001	<0.002	<0.002	<0.004	
MW-29	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-29	4/26/2011	0.0006	<0.0010	<0.00030	<0.00060	
MW-29	4/25/2011	0.0006	<0.002	<0.002	<0.002	
MW-29	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-29	3/7/2012	0.00028	<0.002	<0.002	<0.004	
MW-29	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-29	2/20/2013	<0.001	<0.002	<0.002	<0.003	

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-30	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-30	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-30	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-30	5/20/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-30	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-30	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-30	3/23/2010	<0.002	<0.002	<0.002	<0.006	
MW-30	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-30	6/10/2010	<0.0005	<0.00043	<0.00055	<0.0017	
MW-30	6/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-30	9/15/2010	<0.001	<0.002	<0.002	<0.004	
MW-30	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-30	4/25/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-30	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-30	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-30	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-30	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-30	2/20/2013	<0.001	<0.002	<0.002	<0.003	
MW-31	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-31	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-31	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-31	5/20/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-31	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-31	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-31	6/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-31	3/23/2010	<0.002	<0.002	<0.002	<0.006	
MW-31	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-31	6/10/2010	<0.0005	<0.00043	<0.00055	<0.0017	
MW-31	6/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-31	9/15/2010	<0.001	<0.002	<0.002	<0.004	
MW-31	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-31	4/25/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-31	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-31	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-31	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-31	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-31	2/20/2013	<0.001	<0.002	<0.002	<0.003	
House Well	3/23/2010	<0.002	<0.002	<0.002	<0.006	
House Well	6/10/2010	<0.0005	<0.00043	0.00055	<0.0017	
House Well	9/15/2010	<0.00058	<0.002	<0.002	<0.004	
House Well	4/25/2011	0.00062	<0.002	<0.002	<0.002	
House Well	9/14/2011	0.0088	<0.002	0.00074	<0.004	Duplicate C sample collected
House Well	3/6/2012	0.00044	<0.002	<0.002	<0.004	
House Well	9/6/2012	<0.001	<0.002	<0.002	<0.003	
House Well	2/21/2013	<0.001	<0.002	<0.002	<0.003	

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission		0.01	0.75	0.75	0.62	
Groundwater Standards (mg/L)						
Irrigation Well	3/23/2010	0.0035	<0.002	0.0172	0.0335	
Irrigation Well	6/10/2010	NS	NS	NS	NS	
Irrigation Well	9/15/2010	0.0019	<0.002	0.0156	0.0367	
Irrigation Well	4/25/2011	0.0023	<0.002	0.0181	0.0324	
Irrigation Well	9/14/2011	0.0049	<0.002	0.0167	0.0236	
Irrigation Well	3/6/2012	0.0017	<0.002	0.0108	0.0158	Duplicate A sample collected
Irrigation Well	9/6/2012	0.0048	<0.002	0.015	0.0114	Duplicate A sample collected
Irrigation Well	2/21/2013	0.0027	<0.002	0.0117	0.0116	
MW-A	3/18/2008	0.0107	0.0015	0.135	0.375	
MW-A	12/3/2008	0.0064	0.00075	0.124	0.33	
MW-A	3/10/2009	0.0054	0.00061	0.113	0.304	
MW-A	5/21/2009	0.0062	0.0027	0.128	0.372	
MW-A	9/22/2009	0.0037	<0.00043	0.132	0.317	
MW-A	12/19/2009	<0.00050	<0.00043	0.114	0.298	
MW-A	3/23/2010	<0.002	<0.002	0.127	0.342	
MW-A	3/23/2010	<0.00050	<0.00043	0.127	0.342	
MW-A	6/10/2010	<0.0019	<0.00043	0.112	0.297	
MW-A	6/30/2010	0.0019	<0.00043	0.112	0.297	
MW-A	9/15/2010	0.0038	<0.01	0.114	0.2841	
MW-A	9/16/2010	0.0038	<0.0050	0.114	-	
MW-A	4/27/2011	0.0016	<0.0010	0.0917	0.245	
MW-A	4/25/2011	0.0016	0.0917	0.245	0.245	
MW-A	9/14/2011	0.001	<0.002	0.0753	0.217	
MW-A	3/6/2012	0.00073	<0.002	0.081	0.222	
MW-A	9/7/2012	0.00087	<0.002	0.076	0.206	
MW-A	2/21/2013	0.00077	<0.002	0.0713	0.189	Duplicate A sample collected
MW-E	3/18/2008	0.0398	<0.00048	0.0028	0.0066	
MW-E	12/3/2008	0.0447	<0.00048	0.0032	0.0064	
MW-E	3/10/2009	0.0325	<0.00048	0.0017	0.0051	
MW-E	5/21/2009	0.0047	<0.00048	<0.00045	0.0049	
MW-E	9/22/2009	0.0039	<0.00043	<0.00055	<0.0017	
MW-E	12/19/2009	0.0018	<0.00043	<0.00055	<0.0017	
MW-E	3/23/2010	<0.002	<0.002	<0.002	<0.006	
MW-E	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-E	6/10/2010	NS	NS	NS	NS	
MW-E	9/15/2010	0.0119	<0.002	<0.002	0.0042	
MW-E	9/15/2010	0.0119	<0.0010	0.002	-	
MW-E	4/27/2011	0.0039	<0.0010	<0.00030	<0.00060	
MW-E	4/25/2011	0.0039	<0.002	<0.002	<0.002	
MW-E	9/14/2011	0.0043	<0.002	0.00097	<0.004	
MW-E	3/7/2012	0.0025	<0.002	<0.002	<0.004	
MW-E	9/7/2012	0.0018	<0.002	<0.002	<0.003	
MW-E	2/21/2013	0.0027	<0.002	<0.002	<0.003	

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-F	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-F	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-F	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-F	5/21/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-F	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-F	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-F	3/23/2010	<0.002	<0.002	<0.002	<0.006	
MW-F	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-F	6/10/2010	NS	NS	NS	NS	
MW-F	9/15/2010	<0.001	<0.002	<0.002	<0.004	
MW-F	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-F	4/27/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-F	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-F	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-F	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-F	9/7/2012	<0.001	<0.002	<0.002	<0.003	
MW-F	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-I	3/19/2008	0.0018	<0.00048	<0.00045	<0.0014	
MW-I	12/4/2008	0.0013	<0.00048	0.0027	0.0034	
MW-I	3/10/2009	0.0012	<0.00048	0.0029	0.0039	
MW-I	5/21/2009	0.0011	<0.00048	0.0032	0.0051	
MW-I	9/22/2009	0.00083	<0.00043	<0.00055	<0.0017	
MW-I	12/19/2009	0.00078	<0.00043	<0.00055	0.0056	
MW-I	3/23/2010	0.00078	<0.002	<0.002	<0.006	
MW-I	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-I	6/10/2010	NS	NS	NS	NS	
MW-I	9/15/2010	0.0006	<0.002	<0.002	<0.004	
MW-I	9/15/2010	0.0006	<0.0010	<0.00030	-	
MW-I	4/27/2011	0.00071	<0.0010	0.00041	<0.00060	
MW-I	4/25/2011	0.00071	0.00041	<0.002	<0.002	
MW-I	9/14/2011	0.00082	<0.002	<0.002	<0.004	
MW-I	3/6/2012	0.00068	<0.002	<0.002	<0.004	
MW-I	9/6/2012	0.00043	<0.002	<0.002	<0.003	
MW-I	2/21/2013	0.00035	<0.002	<0.002	<0.003	

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-J	3/19/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-J	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-J	3/10/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-J	5/21/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-J	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-J	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-J	3/23/2010	<0.002	<0.002	<0.002	<0.006	
MW-J	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-J	6/10/2010	NS	NS	NS	NS	
MW-J	9/15/2010	<0.001	<0.002	<0.002	<0.004	
MW-J	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-J	4/27/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-J	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-J	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-J	3/6/2012	<0.001	<0.002	<0.002	<0.004	
MW-J	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-J	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-M	3/19/2008	33.00	0.0384	0.382	0.694	
MW-M	12/3/2008	34.3	0.0188	0.494	0.659	
MW-M	3/10/2009	28.8	<0.097	0.401	0.463	
MW-M	5/20/2009	31.9	<0.097	0.779	1.66	
MW-M	9/22/2009	20.4	<0.087	0.286	<0.33	
MW-M	12/19/2009	18.3	<0.087	0.356	1.88	
MW-M	3/23/2010	15.7	<0.4	0.29J	<1.2	
MW-M	3/23/2010	15.7	<0.087	0.29	<0.33	
MW-M	6/10/2010	NS	NS	NS	NS	
MW-M	9/15/2010	12.4	<0.02	0.328	0.18	
MW-M	9/15/2010	12.4	<0.10	0.328	-	
MW-M	4/27/2011	12.7	<0.10	0.318	0.288	
MW-M	4/25/2011	12.7	0.318	0.288	0.288	
MW-M	9/14/2011	8.53	<0.20	0.347	0.214	
MW-M	3/8/2012	3.72	<0.20	0.296	<0.40	
MW-M	9/6/2012	1.27	<0.10	0.188	0.107	
MW-M	2/20/2013	0.647	<0.02	0.192	0.087	

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-N	3/18/2008	10.1	0.289	0.287	0.737	
MW-N	12/3/2008	10.7	0.653	0.459	<0.27	
MW-N	3/10/2009	11.7	0.683	0.338	0.762	
MW-N	5/20/2009	11.5	0.772	0.715	1.87	
MW-N	9/22/2009	12.9	0.385	0.308	1.37	
MW-N	12/19/2009	12.8	0.514	0.284	2.1	
MW-N	3/23/2010	12.3	0.641	0.3	0.701	
MW-N	3/23/2010	12.3	0.641	0.3	0.701	
MW-N	6/10/2010	NS	NS	NS	NS	
MW-N	9/15/2010	16.9	5.07	0.549	1.149	
MW-N	9/15/2010	16.9	5.07	0.549	-	
MW-N	4/27/2011	15.8	1.83	0.305	0.478	
MW-N	4/25/2011	15.8	0.305	0.478	0.478	
MW-N	9/14/2011	15.0	0.982	0.315	0.380	
MW-N	3/8/2012	15.4	2.21	0.417	0.414	
MW-N	9/6/2012	13.7	3.47	0.603	2.000	
MW-N	2/20/2013	14.9	0.173	0.282	0.0714	Duplicate B sample collected
MW-O	3/18/2008	12.8	0.0089	0.34	0.163	
MW-O	12/3/2008	9.57	<0.048	0.387	<0.14	
MW-O	3/10/2009	9.26	<0.048	0.319	<0.14	
MW-O	5/20/2009	9.88	<0.048	0.461	0.429	
MW-O	9/22/2009	9.85	<0.043	0.33	0.5	
MW-O	12/19/2009	8.78	<0.043	0.274	0.526	
MW-O	3/23/2010	7.12	<0.2	0.18	<0.6	
MW-O	3/23/2010	7.12	<0.043	0.18	<0.17	
MW-O	6/10/2010	NS	NS	NS	NS	
MW-O	9/15/2010	6.96	<0.1	0.21	<0.2	
MW-O	9/15/2010	6.96	<0.050	0.21	-	
MW-O	4/27/2011	8.23	<0.050	0.275	<0.030	
MW-O	4/25/2011	8.23	0.275	<0.1	<0.1	
MW-O	9/14/2011	6.93	0.0022	0.244	<0.004	
MW-O	3/8/2012	7.61	<0.20	0.195	<0.40	
MW-O	9/6/2012	8.04	<0.10	0.185	<0.15	
MW-O	2/20/2013	10.5	<0.10	0.131	<0.15	

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-Q	3/18/2008	1.44	<0.00048	0.0911	0.0197	
MW-Q	12/3/2008	1.37	<0.048	<0.045	<0.14	
MW-Q	3/10/2009	1.29	<0.048	0.0545	<0.14	
MW-Q	5/21/2009	1.25	<0.048	<0.045	<0.14	
MW-Q	9/22/2009	1.64	<0.00043	0.0341	0.0028	
MW-Q	12/19/2009	1.34	<0.00043	0.0268	0.0075	
MW-Q	3/23/2010	1.36	<0.05	0.0256	<0.15	
MW-Q	3/23/2010	1.36	<0.011	0.0256	<0.042	
MW-Q	6/10/2010	NS	NS	NS	NS	
MW-Q	9/15/2010	0.946	<0.02	0.0217	<0.04	
MW-Q	9/15/2010	0.946	<0.010	0.0217	-	
MW-Q	4/27/2011	0.948	<0.010	0.0184	<0.0060	
MW-Q	4/25/2011	0.948	0.0184	<0.02	<0.02	
MW-Q	9/14/2011	0.896B	<0.002	0.0108	<0.004	
MW-Q	3/8/2012	0.814	<0.02	<0.02	<0.04	
MW-Q	9/6/2012	0.738	<0.002	0.0062	<0.003	
MW-Q	2/20/2013	0.750	<0.01	0.0017	<0.015	
MW-S	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-S	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-S	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-S	5/21/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-S	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-S	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-S	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-S	3/23/2010	<0.002	<0.002	<0.002	<0.006	
MW-S	6/10/2010	NS	NS	NS	NS	
MW-S	9/15/2010	<0.001	<0.002	<0.002	<0.004	
MW-S	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-S	4/27/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-S	4/25/2011	<0.001	<0.002	<0.002	<0.002	
MW-S	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-S	3/8/2012	<0.001	<0.002	<0.002	<0.004	
MW-S	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-S	2/20/2013	<0.001	<0.002	<0.002	<0.003	

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-EE	12/3/2008	0.798	<0.0048	0.0265	0.0406	
MW-EE	3/10/2009	0.5	0.007	0.015	0.0284	
MW-EE	5/20/2009	0.276	0.0096	0.0108	0.0242	
MW-EE	9/22/2009	0.995	<0.0022	0.0166	0.0393	
MW-EE	12/19/2009	0.79	0.0048	0.0118	0.0507	
MW-EE	3/23/2010	1.2	0.00081	0.0043	0.0046	
MW-EE	3/23/2010	1.2	0.00081	0.0043	0.0046	
MW-EE	6/10/2010	0.817	0.0016	0.0124	0.0158	
MW-EE	6/29/2010	0.817	0.0016	0.0124	0.0158	
MW-EE	9/15/2010	0.191	0.012	0.0182	0.1725	
MW-EE	9/15/2010	0.169	0.012	0.0173	-	
MW-EE	4/27/2011	0.707	<0.0020	0.0128	0.011	
MW-EE	4/25/2011	0.707	0.0128	0.011	0.011	
MW-EE	9/14/2011	0.447	<0.002	0.0089	0.0041	Duplicate A sample collected
MW-EE	3/8/2012	0.0735	<0.002	0.0011	<0.004	
MW-EE	9/6/2012	0.0964	<0.002	0.0011	<0.003	
MW-EE	2/19/2013	0.424	<0.002	0.0024	0.0022	
MW-LL	3/19/2008	1.94	0.0122	0.161	0.231	
MW-LL	12/3/2008	2.92	0.0102	0.122	0.142	
MW-LL	3/10/2009	2.47	<0.024	0.0934	0.0903	
MW-LL	5/20/2009	3.02	0.0269	0.0866	0.0797	
MW-LL	9/22/2009	2.66	0.0166	0.0656	0.133	
MW-LL	12/19/2009	2.46	0.0182	0.0664	0.199	
MW-LL	3/23/2010	2.33	0.0132	0.0456	<0.12	
MW-LL	3/23/2010	2.33	0.0132	0.0456	<0.033	
MW-LL	6/10/2010	NS	NS	NS	NS	
MW-LL	9/15/2010	2.89	0.499	0.0955	0.126	
MW-LL	9/15/2010	2.89	0.499	0.0955	-	
MW-LL	4/27/2011	1.64	<0.025	0.0764	0.0469	
MW-LL	4/25/2011	1.64	0.0764	0.0469	0.0469	
MW-LL	9/14/2011	1.23	0.0066	0.0531	0.0202	
MW-LL	3/8/2012	1.42	<0.02	0.0642	<0.04	
MW-LL	9/6/2012	0.523	<0.002	0.0261	0.0024	
MW-LL	2/20/2013	0.778	<0.01	0.0482	<0.015	

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-MM	3/18/2008	0.163	<0.00048	0.0936	<0.0014	
MW-MM	12/3/2008	0.0459	<0.00048	0.0689	<0.0014	
MW-MM	3/10/2009	0.021	<0.00048	0.054	<0.0014	
MW-MM	5/20/2009	0.0232	<0.00048	0.0613	<0.0014	
MW-MM	9/22/2009	0.0226	<0.00043	0.0837	<0.0017	
MW-MM	12/19/2009	0.0184	<0.00043	0.0652	<0.0017	
MW-MM	3/23/2010	0.0113	<0.002	0.0415	0.0557	
MW-MM	3/23/2010	0.0113	<0.00043	0.0415	0.0557	
MW-MM	6/10/2010	NS	NS	NS	NS	
MW-MM	9/15/2010	0.121	<0.002	0.0771	<0.004	
MW-MM	9/15/2010	0.121	<0.0010	0.0771	-	
MW-MM	4/27/2011	0.0158	<0.0010	0.0338	<0.00060	
MW-MM	4/25/2011	0.0158	0.0338	<0.002	<0.002	
MW-MM	9/14/2011	0.0082	<0.002	0.022	<0.004	
MW-MM	3/8/2012	0.0032	<0.002	0.0053	<0.004	
MW-MM	9/6/2012	0.002	<0.002	0.0041	<0.003	
MW-MM	2/19/2013	0.0015	<0.002	0.00083	<0.003	
NMG MW-2	3/23/2010	<0.002	<0.002	<0.002	<0.006	
NMG MW-2	6/10/2010	<.0005	<0.00043	<0.0055	<0.0017	
NMG MW-2	9/15/2010	<0.001	<0.002	<0.002	<0.004	
NMG MW-2	4/25/2011	<0.001	<0.002	<0.002	<0.002	
NMG MW-2	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG MW-2	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG MW-2	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG MW-2	2/20/2013	<0.001	<0.002	<0.002	<0.003	
NMG MW-3	3/23/2010	<0.002	<0.002	<0.002	<0.006	
NMG MW-3	6/10/2010	<.0005	<0.00043	<0.0055	<0.0017	
NMG MW-3	9/15/2010	<0.001	<0.002	<0.002	<0.004	
NMG MW-3	4/25/2011	<0.001	<0.002	<0.002	<0.002	
NMG MW-3	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG MW-3	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG MW-3	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG MW-3	2/20/2013	<0.001	<0.002	<0.002	<0.003	
NMG MW-4	3/23/2010	<0.002	<0.002	<0.002	<0.006	
NMG MW-4	6/10/2010	<.0005	<0.00043	<0.0055	<0.0017	
NMG MW-4	9/15/2010	<0.001	<0.002	<0.002	<0.004	
NMG MW-4	4/25/2011	<0.001	<0.002	<0.002	<0.002	
NMG MW-4	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG MW-4	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG MW-4	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG MW-4	2/19/2013	<0.001	<0.002	<0.002	<0.003	

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission		0.01	0.75	0.75	0.62	
Groundwater Standards (mg/L)						
NMG MW-5	3/23/2010	1.91	<0.1	0.292	0.375	
NMG MW-5	6/10/2010	2.34	<0.0022	0.428	<0.0084	
NMG MW-5	9/15/2010	3.82	<0.2	0.326	<0.004	
NMG MW-5	4/25/2011	3.22	1.2	1.57	1.57	
NMG MW-5	9/14/2011	0.0375	<0.004	0.135	<0.008	
NMG MW-5	3/7/2012	0.0039	<0.002	0.229	<0.004	
NMG MW-5	9/5/2012	0.00083	<0.002	0.153	<0.003	
NMG MW-5	2/19/2013	0.0012	<0.002	0.0608	<0.003	
NMG MW-6	3/23/2010	0.00059	<0.002	0.0448	<0.006	
NMG MW-6	6/10/2010	0.00061	<0.00043	0.0309	<0.0017	
NMG MW-6	9/15/2010	0.00061	<0.002	0.0155	<0.004	
NMG MW-6	4/25/2011	0.00039	<0.002	<0.002	<0.002	
NMG MW-6	9/14/2011	0.0005	<0.002	0.0067	<0.004	
NMG MW-6	3/7/2012	0.00062	<0.002	0.0011	<0.004	
NMG MW-6	9/5/2012	0.00038	<0.002	0.00066	<0.003	
NMG MW-6	2/19/2013	<0.001	<0.002	<0.002	<0.003	
NMG MW-7	3/23/2010	0.0365	<0.002	0.0197	0.016	
NMG MW-7	6/10/2010	0.0325	<0.00043	0.0152	0.0115	
NMG MW-7	9/15/2010	0.0194	<0.002	0.009	0.0011	
NMG MW-7	4/25/2011	0.0191	0.0084	0.0042	0.0042	
NMG MW-7	9/14/2011	0.0273	<0.002	0.0154	0.013	
NMG MW-7	3/7/2012	0.0261	<0.002	0.0144	0.0086	
NMG MW-7	9/5/2012	0.0188	<0.002	0.0082	0.0043	
NMG MW-7	2/20/2013	0.0116	<0.002	0.0050	0.0032	
NMG MW-8	3/23/2010	<0.002	<0.002	0.00057	<0.006	
NMG MW-8	6/10/2010	<0.0005	<0.00043	<0.00055	<0.0017	
NMG MW-8	9/15/2010	<0.001	<0.002	<0.002	<0.004	
NMG MW-8	4/25/2011	<0.001	<0.002	<0.002	<0.002	
NMG MW-8	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG MW-8	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG MW-8	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG MW-8	2/19/2013	<0.001	<0.002	<0.002	<0.003	
NMG MW-9	3/23/2010	<0.002	<0.002	<0.002	<0.006	
NMG MW-9	6/10/2010	<0.005	<0.00043	<0.00055	<0.0017	
NMG MW-9	9/15/2010	<0.001	<0.002	<0.002	<0.004	
NMG MW-9	4/25/2011	<0.001	<0.002	<0.002	<0.002	
NMG MW-9	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG MW-9	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG MW-9	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG MW-9	2/19/2013	<0.001	<0.002	<0.002	<0.003	

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
NMG MW-10	3/23/2010	0.554	<0.01	0.151	0.239	
NMG MW-10	6/10/2010	0.438	0.0015	0.157	0.26	
NMG MW-10	9/15/2010	0.4	<0.002	0.131	0.1078	
NMG MW-10	4/25/2011	0.413	0.441	0.133	0.133	
NMG MW-10	9/14/2011	0.282B	<0.010	0.105	0.155	
NMG MW-10	3/7/2012	0.219	<0.002	0.085	0.0993	Duplicate B sample collected
NMG MW-10	9/5/2012	0.192	<0.002	0.0836	0.0895	Duplicate B sample collected
NMG MW-10	2/19/2013	0.187	<0.002	0.0805	0.0706	
NMG MW-11	3/23/2010	<0.002	<0.002	<0.002	<0.006	
NMG MW-11	6/10/2010	<0.005	<0.00043	<0.00055	<0.0017	
NMG MW-11	9/15/2010	<0.001	<0.002	<0.002	<0.004	
NMG MW-11	4/25/2011	<0.001	<0.002	<0.002	<0.002	
NMG MW-11	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG MW-11	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG MW-11	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG MW-11	2/19/2013	<0.001	<0.002	<0.002	<0.003	Duplicate C sample collected
NMG MW-12	3/23/2010	0.0097	<0.002	0.0187	<0.006	
NMG MW-12	6/10/2010	0.0085	<0.00043	0.0154	<0.0017	
NMG MW-12	9/15/2010	0.00091	<0.002	0.0034	<0.004	
NMG MW-12	4/25/2011	0.0011	<0.002	<0.002	<0.002	
NMG MW-12	9/14/2011	0.0013	<0.002	<0.002	<0.004	
NMG MW-12	3/7/2012	0.0062	<0.002	<0.002	<0.004	
NMG MW-12	9/5/2012	0.0012	<0.002	<0.002	<0.003	
NMG MW-12	2/19/2013	0.0024	<0.002	<0.002	<0.003	
NMG MW-13	3/23/2010	<0.002	<0.002	<0.002	<0.006	
NMG MW-13	6/10/2010	<0.005	<0.00043	<0.00055	<0.0017	
NMG MW-13	9/15/2010	<0.001	<0.002	<0.002	<0.004	
NMG MW-13	4/25/2011	<0.001	<0.002	<0.002	<0.002	
NMG MW-13	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG MW-13	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG MW-13	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG MW-13	2/20/2013	<0.001	<0.002	<0.002	<0.003	
MW-NMG-10	3/18/2008	0.667	0.0028	0.275	0.507	
MW-NMG-10	12/4/2008	0.561	0.0021	0.195	0.362	
MW-NMG-10	3/9/2009	0.463	<0.0024	0.169	0.28	
MW-NMG-10	5/19/2009	0.519	0.0019	0.182	0.344	
MW-NMG-10	9/21/2009	0.552	0.0015	0.185	0.307	
MW-NMG-10	12/19/2009	0.501	0.0012	0.163	0.272	
MW-NMG-10	3/23/2010	0.554	<0.0022	0.151	0.239	
MW-NMG-10	6/29/2010	0.438	0.0015	0.157	0.26	
MW-NMG-10	9/15/2010	0.4	<0.0010	0.131	-	
MW-NMG-10	4/26/2011	3.22	<0.050	1.2	1.57	

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-NMG-11	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-11	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-11	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-11	5/19/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-11	9/21/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-11	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-11	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-11	6/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-11	4/26/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-NMG-12	3/18/2008	0.209	<0.00048	0.113	<0.0014	
MW-NMG-12	12/4/2008	0.0411	<0.00048	0.0793	<0.0014	
MW-NMG-12	3/9/2009	0.0164	<0.00048	0.0714	<0.0014	
MW-NMG-12	5/19/2009	0.0084	<0.00048	0.0511	<0.0014	
MW-NMG-12	9/22/2009	0.0061	<0.00043	0.0361	0.0051	
MW-NMG-12	12/19/2009	0.0052	<0.00043	0.0198	<0.0017	
MW-NMG-12	3/23/2010	0.0095	<0.00043	0.0187	<0.0017	
MW-NMG-12	6/29/2010	0.0085	<0.00043	0.0154	<0.0017	
MW-NMG-12	9/15/2010	0.00091	<0.0010	0.0034	-	
MW-NMG-12	4/26/2011	0.0011	<0.0010	<0.00030	<0.00060	
MW-NMG-13	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-13	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-13	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-13	5/19/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-13	9/22/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-13	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-13	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-13	6/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-13	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-NMG-13	4/26/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-NMG-2	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-2	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-2	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-2	5/19/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-2	9/21/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-2	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-2	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-2	6/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-2	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-NMG-2	4/25/2011	<0.00030	<0.0010	<0.00030	<0.00060	

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-NMG-3	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-3	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-3	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-3	5/19/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-3	9/21/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-3	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-3	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-3	6/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-3	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-NMG-3	4/25/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-NMG-4	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-4	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-4	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-4	5/19/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-4	9/21/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-4	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-4	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-4	6/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-4	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-NMG-4	4/25/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-NMG-5	3/19/2008	16.8	<0.00048	0.293	0.0824	
MW-NMG-5	12/3/2008	6.62	<0.097	0.468	<0.27	
MW-NMG-5	3/9/2009	3.45	<0.097	0.276	<0.27	
MW-NMG-5	5/19/2009	3.44	<0.024	0.333	0.218	
MW-NMG-5	9/21/2009	2.71	<0.022	0.35	0.256	
MW-NMG-5	12/19/2009	1.63	<0.022	0.271	<0.084	
MW-NMG-5	3/23/2010	1.91	<0.022	0.292	0.375	
MW-NMG-5	6/29/2010	2.34	<0.0022	0.428	<0.0084	
MW-NMG-5	9/15/2010	3.82	<0.10	0.326	-	
MW-NMG-5	4/25/2011	0.413	<0.050	0.441	<0.030	
MW-NMG-6	3/18/2008	0.214	<0.00048	0.16	<0.0014	
MW-NMG-6	12/3/2008	0.0547	<0.00048	0.138	<0.0014	
MW-NMG-6	3/9/2009	0.0246	<0.00048	0.111	<0.0014	
MW-NMG-6	5/19/2009	0.0135	<0.00048	0.114	<0.0014	
MW-NMG-6	9/21/2009	0.0018	<0.00043	0.1	0.0041	
MW-NMG-6	12/19/2009	0.00059	<0.00043	0.0627	<0.0017	
MW-NMG-6	3/23/2010	0.00059	<0.00043	0.0448	<0.0017	
MW-NMG-6	6/29/2010	0.00061	<0.00043	0.0309	<0.0017	
MW-NMG-6	9/15/2010	0.00061	<0.0010	0.0155	-	
MW-NMG-6	4/25/2011	0.00039	<0.0010	0.0172	<0.00060	

**APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		0.01	0.75	0.75	0.62	
MW-NMG-7	3/18/2008	0.0155	<0.00048	0.0145	0.009	
MW-NMG-7	12/3/2008	0.0227	<0.00048	0.0175	0.0099	
MW-NMG-7	3/9/2009	0.0175	<0.00048	0.013	0.0072	
MW-NMG-7	5/19/2009	0.0206	<0.00048	0.0154	0.0089	
MW-NMG-7	9/21/2009	0.0336	<0.00043	0.0219	0.0211	
MW-NMG-7	12/19/2009	0.034	<0.00043	0.0199	0.015	
MW-NMG-7	3/23/2010	0.0365	<0.00043	0.0197	0.016	
MW-NMG-7	6/29/2010	0.0325	<0.00043	0.0152	0.0115	
MW-NMG-7	9/15/2010	0.0194	<0.0010	0.009	-	
MW-NMG-7	4/25/2011	0.0191	<0.0010	0.0084	0.0042	
MW-NMG-8	3/18/2008	0.0026	<0.00048	0.0024	<0.0014	
MW-NMG-8	12/3/2008	0.00057	<0.00048	0.0009	<0.0014	
MW-NMG-8	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-8	5/19/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-8	9/21/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-8	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-8	3/23/2010	<0.00050	<0.00043	0.00057	<0.0017	
MW-NMG-8	6/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-8	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-NMG-8	4/25/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-NMG-9	3/18/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-9	12/4/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-9	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-9	5/19/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-NMG-9	9/21/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-9	12/19/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-9	3/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-9	6/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-NMG-9	9/15/2010	<0.00030	<0.0010	<0.00030	-	
MW-NMG-9	4/26/2011	<0.00030	<0.0010	<0.00030	<0.00060	

Notes:

The environmental cleanup standards for water that are applicable to the site are the New Mexico Water Quality Control Commission (NMWQCC) Groundwater Standards.

Bold red values indicate an exceedance of the NMWQCC groundwater standards for the Site.

Sample locations are shown on Figure 2 and analytical results are illustrated on Figure 4.

LNAPL = Light Non-Aqueous Phase Liquid

NS = Not Sampled.

mg/L = milligrams per liter.

B - indicates analyte found in associated method blank