

AP-33

1st Semi Annual GW Monitoring Results Elridge Ranch Study Area

DATE

September 4, 2014



DCP Midstream
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303-595-3331
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September 4, 2014

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

**RE: 1st Semi Annual 2014 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 2014 Results for the DCP Eldridge Study Area located near Monument, New Mexico (Unit P, Section 21, Township 19 South, Range 37 East).

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

Sincerely

DCP Midstream, LP

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

Stephen Weathers, P.G.
Principal Environmental Specialist

cc: Tomas Oberding, OCD Hobbs District Office (Via Email)
Environmental Files

First Half 2014 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:



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August 13, 2014

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| B | Laboratory Analytical Report (Electronic Only) |
| | - Accutest Job #: D55494 |

1. Introduction

This report summarizes groundwater monitoring and remediation activities conducted during the first half of 2014 at the Eldridge Ranch Pipeline Release (Site) in Lea County, New Mexico (Figure 1). Tasman Geosciences, LLC (Tasman) performed these activities on behalf of DCP Midstream (DCP). The groundwater monitoring activities described herein were conducted to monitor the presence of light non-aqueous phase liquid (LNAPL) hydrocarbons, measure groundwater levels, obtain groundwater samples for laboratory analysis, and evaluate groundwater flow and quality conditions. Field data and laboratory analytical results collected on February 26 and 27, 2014 were used to develop a groundwater elevation contour map and an analytical results 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 to 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 is referred to as the North Area, the Huston property is referenced as the Central Area, and the Eldridge Property is referred to as the South Area, as shown on Figure 2.

3. Groundwater Monitoring

This section describes the field groundwater monitoring activities performed during the first half 2014 monitoring event on February 26 – 27, 2014. Monitoring activities included Site-wide groundwater gauging, LNAPL measurements, groundwater purging and sampling, and subsequent packaging and shipping of the samples for laboratory analysis. 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 fluctuations in groundwater and LNAPL elevations at the Site. During the first 2014, groundwater levels were measured at fifty-eight monitoring well locations.

The monitoring wells were gauged on the north side of the well casing to the nearest 0.01-foot using an oil-water interface probe (IP). Groundwater levels were subsequently converted to elevations (feet above mean sea level [AMSL]).

Groundwater and LNAPL elevations collected during the reporting period as well as historic elevations are presented in Table 1. A first half 2014 groundwater elevation map, included as Figure 3, indicates that groundwater flow at the Site trends to the south-southeast. Figure 3 also indicates localized groundwater depression in the South Area in the vicinity of the Irrigation Well. Groundwater elevations ranges, average elevation change from the previous monitoring event, and the calculated hydraulic gradient at the Site are summarized in the table below.

Summary of Measured Hydraulic Parameters

	First Half 2014 (2/26/14 – 2/27/14)
Maximum Elevation (Well ID)	3619.75 (NMG MW-3)
Minimum Elevation (Well ID)	3587.6 (MW-24)
Average Change from Previous Monitoring Event – All Wells	-0.31 foot
Hydraulic Gradient (ft/ft) / (Well IDs)	0.0047 (NMG MW-3 to MW-24)

During the February 2014 event, LNAPL was detected at five (5) monitoring wells, as summarized below:

Monitoring Well ID	Measured LNAPL Thickness (ft)
MW-11	0.02
MW-26	0.85
MW-27	0.04
MW-CC	0.67
MW-N	0.45

Calculated groundwater elevation data in these wells were corrected to account for LNAPL thickness, as referenced on Table 1.

3.2 Groundwater Quality Monitoring

Subsequent to recording groundwater level measurements at each monitoring well, groundwater samples were collected from monitoring wells that did not contain measurable LNAPL. A minimum of three well casing volumes of groundwater (calculated from total depth of the well and groundwater level measurements) was then purged from the subject well prior to the collection of groundwater samples. Groundwater samples were collected using dedicated polyethylene bailers, placed in clean laboratory supplied containers, packed in an ice-filled cooler and maintained at approximately four degrees Celsius (°C) for transportation to the laboratory. Groundwater samples were then shipped under chain-of-custody procedures to Accutest Laboratories (Accutest) in Wheat Ridge, Colorado, for analysis.

Water quality samples were collected from forty-nine monitoring wells during the first half 2014 monitoring event. Monitoring wells MW-11, MW-26, MW-27, MW-CC, and MW-N were not sampled due to the presence of LNAPL.

Water quality samples were submitted to Accutest for benzene, toluene, ethylbenzene, and total xylenes (BTEX) analyses by United States Environmental Protection Agency (USEPA) Method 8260B.

Table 2 summarizes BTEX concentrations in groundwater samples collected during the first half 2014 event. A dissolved-phase benzene isoconcentration map is illustrated on Figure 4. In addition, historic analytical results up to and including the February 2014 event are contained in Appendix A and laboratory analytical reports for the reporting period are included in Appendix B.

Analytical results/observations are summarized below.

- Benzene concentrations in groundwater samples from 9 of the sampled monitoring wells were in exceedance of the New Mexico Water Quality Control Commission (NMWQCC) groundwater standard of 0.01 mg/l. Dissolve phase benzene exceedances are located primarily within the Central Area as well as two isolated locations in the North Area. These locations are illustrated on Figure 4.
- LNAPL was detected at five locations as referenced in Section 3.1 above.
- Additional detections of ethylbenzene and xylene in groundwater were noted at various monitoring wells, however these detections did not approach the respective NMWQCC groundwater standards.

3.3 Data Quality Assurance / Quality Control

A matrix spike / matrix spike duplicate (MS/MSD) and a field duplicate samples (MW-12, MW-O, and MW-EE) were collected during the sampling event. 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. QA/QC items of note for the first half 2014 include the following:

- A trip blank was included with the submitted samples for the event, however it was not analyzed. Tasman has coordinated with the laboratory to prevent further oversight of trip blanks submitted.
- Field duplicate samples were collected at MW-12, MW-O, and MW-EE during the first half 2014 monitoring event. The Relative Percentage Difference (RPD) for benzene at these locations was 20%, 1.6%, and 16%, respectively. These values fall within the typical target maximum RPD of 20%.

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

4. Remediation Activities

Active LNAPL remediation and passive dissolved phase petroleum hydrocarbon remediation activities were conducted during the first half 2014 as described in the following Sections.

4.1 Vacuum Enhanced LNAPL Recovery

During the first half 2014, Tasman conducted two vacuum enhanced LNAPL recovery events at monitoring wells MW-26, MW-27, and MW-CC. On March 19, 2014 and June 25, 2014 vacuum was applied to MW-26, MW-27, and MW-CC using a vacuum truck and applied through a down-hole stinger. The durations and liquid volumes removed during these efforts are summarized in the table below. The recovered volume from both LNAPL recovery events was transported to the Cooper Disposal Facility in Hobbs, New Mexico.

EFR Location	March 19, 2014	June 25, 2014
	Duration (hrs) / Volume Removed (bbl)	Duration (hrs) / Volume Removed (bbl)
MW-27*	4.5 / 90	5 / 35
MW-CC*		
MW-26	2.5 / 10	3 / 10

Note:

*) Vacuum enhanced recovery at MW-27 and MW-CC was conducted simultaneously.

bbl = barrel

4.2 Monitored Natural Attenuation

Monitored natural attenuation (MNA) continues to be employed as the remediation strategy to address dissolved phase petroleum hydrocarbon detections at the 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. Historic and first half 2014 semi-annual analytical data suggests that natural attenuation continues to mitigate dissolved phase hydrocarbon concentrations on-Site.

5. Conclusions

Although benzene concentrations exceeded regulatory standards in nine of the forty-nine sample locations during the February 2014 monitoring event, BTEX concentrations continue to decrease Site-wide. The analytical data from the first half 2014 event concludes the following observations, by area, as described below:

NORTH AREA

- Eight of the ten wells in the North Area exhibited constituent concentrations below NMWQCC groundwater standards during the first half 2014 monitoring event.

- Although elevated benzene concentrations persist in 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

- Measurable LNAPL persists in monitoring wells MW-26, MW-27, MW-CC, and MW-N in the Central Area. In addition, measurable LNAPL was observed in well MW-11 during the first half 2014 for the first time with a measured thickness of 0.02-feet.
- Dissolved phase benzene concentrations remain the highest in the Central Area of the Site. However, monitoring of wells within the plume continue to indicate progressively declining dissolved phase concentrations. This trend indicates that overall dissolved phase plume is being mitigated through natural processes.
- In addition to the declining BTEX concentrations, the point of compliance wells (MW-19, MW-30, MW-31, and MW-F) located east of the plume boundary remain below laboratory detection limits.

SOUTH AREA

- During the first half 2014 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 indicating the dissolved and free phase hydrocarbon plumes are not advancing off-Site.

6. Recommendations

Based on evaluation of first half 2014 Site observations and monitoring results, the following recommendations have been developed for future activities:

- Continue quarterly vacuum enhanced fluid recovery events to address the presence of LNAPL at wells MW-26, MW-27, and MW-CC. Potentially initiate vacuum enhanced LNAPL recovery at well MW-N, as practical based on access and logistical considerations.
- 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-9, MW-28, MW-30, and MW-31 from the Site sampling plan. Each of these points exhibits historically non-detect dissolved phase BTEX concentrations. In addition, each monitoring point is hydraulically downgradient from an adjacent monitoring well that also exhibits non-detect BTEX concentrations. Therefore, wells indicated above are not necessary for plume delineation or compliance monitoring.

Tables

TABLE 1
FIRST HALF 2014 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	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-1	9/13/2013	19.85			29.49	3618.22	3598.37	-0.29
MW-1	2/27/2014	21.42			NM	3618.22	3596.80	-1.57
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-1D	9/13/2013	21.40			48.38	3616.18	3594.78	-0.29
MW-1D	2/27/2014	20.90			NM	3616.18	3595.28	0.50
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-2	9/12/2013	22.98			28.92	3621.63	3598.65	-0.25
MW-2	2/27/2014	23.04			NM	3621.63	3598.59	-0.06
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-3	9/12/2013	22.91				3621.67	3598.76	-0.15
MW-3	2/27/2014	22.95			NM	3621.67	3598.72	-0.04
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-4	9/13/2013	22.49			29.34	3621.31	3598.82	-0.30
MW-4	2/27/2014	22.49			NM	3621.31	3598.82	0.00
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-5	9/13/2013	18.45			27.55	3618.08	3599.63	-0.47
MW-5	2/27/2014	18.33			NM	3618.08	3599.75	0.12
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-6	9/13/2013	20.07			29.83	3624.99	3604.92	1.78
MW-6	2/27/2014	22.20			NM	3624.99	3602.79	-2.13
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-7	9/13/2013	27.59				3630.62	3603.03	2.33
MW-7	2/27/2014	27.72			NM	3630.62	3602.90	-0.13
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
MW-8	9/12/2013	23.93			32.49	3625.92	3601.99	-0.23
MW-8	2/27/2014	24.15			NM	3625.92	3601.77	-0.22

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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	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-9	9/12/2013	20.05			29.72	3620.78	3600.73	-0.25
MW-9	2/27/2014	20.27			NM	3620.78	3600.51	-0.22
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-10	9/12/2013	23.80			32.81	3627.27	3603.47	-0.24
MW-10	2/27/2014	24.05			NM	3627.27	3603.22	-0.25
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-11	9/12/2013	24.37			32.72	3627.56	3603.19	-0.21
MW-11*	2/27/2014	24.66	24.64	0.02	NM	3627.56	3602.92	-0.28
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-12	9/12/2013	26.66			34.27	3631.14	3604.48	-0.20
MW-12	2/27/2014	26.98			NM	3631.14	3604.16	-0.32
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-13	9/12/2013	24.71				3632.9	3608.19	3.38
MW-13	2/27/2014	28.63			NM	3632.9	3604.27	-3.92
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-14	9/12/2013	24.71			NM	3630.36	3605.65	-0.20
MW-14	2/26/2014	25.01			NM	3630.36	3605.35	-0.30
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-15	9/12/2013	27.11				3635.47	3608.36	-0.10
MW-15	2/27/2014	NM			NM	3635.47	NA	NA
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-16	9/13/2013	18.83			27.98	3611.54	3592.71	-0.36
MW-16	2/27/2014	18.77			NM	3611.54	3592.77	0.06
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-17	9/13/2013	16.83			27.51	3608.83	3592.00	-1.18
MW-17	2/27/2014	15.95			NM	3608.83	3592.88	0.88
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
MW-18	9/13/2013	23.72			34.94	3623.53	3599.81	-0.43
MW-18	2/27/2014	23.74			NM	3623.53	3599.79	-0.02

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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	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-19	9/13/2013	18.68			29.95	3617.99	3599.31	-0.50
MW-19	2/27/2014	18.62			NM	3617.99	3599.37	0.06
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-20	9/13/2013	31.61			35.22	3637.14	3605.53	-0.23
MW-20	2/27/2014	31.87			NM	3637.14	3605.27	-0.26
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-21	9/13/2013	26.65				3633.27	3606.62	-0.10
MW-21	2/27/2014	26.99			NM	3633.27	3606.28	-0.34
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-22	2/27/2014	23.32			NM	3628.68	3605.36	-1.24
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-23	9/12/2013	24.64			32.98	3632.02	3607.38	-0.14
MW-23	2/26/2014	24.91			NM	3632.02	3607.11	-0.27
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-24	9/13/2013	21.55			37.35	3609.15	3587.60	-0.21
MW-24	2/27/2014	21.55			NM	3609.15	3587.60	0.00
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-25	9/12/2013	28.25			35.44	3640.14	3611.89	-0.10
MW-25	2/26/2014	28.41			NM	3640.14	3611.73	-0.16
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-26*	9/13/2013	25.97	25.23	0.74		3635.01	3609.60	-0.03
MW-26*	2/26/2014	26.41	25.56	0.85	NM	3635.01	3609.24	-0.36
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-27*	9/13/2013	30.35	29.67	0.68		3636.41	3606.57	-0.36
MW-27*	2/27/2014	30.22	30.18	0.04	NM	3636.41	3606.22	-0.35
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
MW-28	9/12/2013	24.03			32.15	3632.58	3608.55	-0.19
MW-28	2/26/2014	24.26			NM	3632.58	3608.32	-0.23

TABLE 1
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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	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-29	9/12/2013	26.39			34.83	3634.17	3607.78	-0.15
MW-29	2/26/2014	26.67			NM	3634.17	3607.50	-0.28
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-30	9/12/2013	24.56			32.53	3630.76	3606.20	-0.19
MW-30	2/27/2014	24.82			NM	3630.76	3605.94	-0.26
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-31	9/12/2013	21.55			28.55	3625.38	3603.83	-0.27
MW-31	2/27/2014	21.71			NM	3625.38	3603.67	-0.16
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-A	9/13/2013	21.56			26.64	3616.26	3594.70	-0.27
MW-A	2/27/2014	21.60			NM	3616.26	3594.66	-0.04
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-E	9/13/2013	21.88			28.58	3620.44	3598.56	-0.44
MW-E	2/27/2014	21.84			NM	3620.44	3598.60	0.04
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-F	9/13/2013	17.63			27.1	3616.44	3598.81	-0.49
MW-F	2/27/2014	17.51			NM	3616.44	3598.93	0.12
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-I	9/13/2013	25.60			36.63	3627.63	3602.03	-0.36
MW-I	2/27/2014	25.70			NM	3627.63	3601.93	-0.10
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-J	9/13/2013	23.36			28.2	3624.79	3601.43	-0.36
MW-J	2/27/2014	23.43			NM	3624.79	3601.36	-0.07
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-M	9/12/2013	28.71			40.57	3634.1	3605.39	-0.19
MW-M	2/27/2014	28.99			NM	3634.1	3605.11	-0.28
MW-N	3/8/2012	29.44			38.80	3635.45	3606.01	-0.35
MW-N	9/6/2012	29.72			38.80	3635.45	3605.73	-0.28
MW-N	2/20/2013	29.95			38.80	3635.45	3605.50	-0.23
MW-N*	9/12/2013	30.57	30.06	0.51	38.80	3635.45	3605.26	-0.24
MW-N*	2/27/2014	30.81	30.36	0.45	NM	3635.45	3604.98	-0.28

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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	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-O	9/12/2013	28.78			38.62	3634.05	3605.27	-0.24
MW-O	2/27/2014	29.07			NM	3634.05	3604.98	-0.29
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-Q	9/12/2013	25.39			36.93	3631.59	3606.2	-0.23
MW-Q	2/27/2014	25.68			NM	3631.59	3605.91	-0.29
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-S	9/13/2013	17.95			31.19	3622.2	3604.25	-0.21
MW-S	2/27/2014	18.23			NM	3622.2	3603.97	-0.28
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-CC*	9/13/2013	30.10	29.45	0.65		3635.22	3605.61	0.10
MW-CC*	2/27/2014	30.44	29.77	0.67	NM	3635.22	3605.28	-0.33
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-EE	9/12/2013	24.57			34.38	3632.32	3607.75	-0.12
MW-EE	2/26/2014	24.87			NM	3632.32	3607.45	-0.30
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-LL	9/12/2013	29.15			39.65	3635.41	3606.26	0.75
MW-LL	2/27/2014	30.43			NM	3635.41	3604.98	-1.28
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
MW-MM	9/12/2013	24.73			36.82	3631.61	3606.88	-0.15
MW-MM	2/26/2014	25.03			NM	3631.61	3606.58	-0.30
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 MW2	9/12/2013	29.87			37.28	3646.9	3617.03	-0.20
NMG MW2	2/26/2014	30.07			NM	3646.9	3616.83	-0.20
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 MW3	9/12/2013	29.92			39.25	3649.8	3619.88	-0.16
NMG MW3	2/26/2014	30.05			NM	3649.8	3619.75	-0.13
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
NMG MW4	9/12/2013	30.39			36.81	3646.08	3615.69	-0.21
NMG MW4	2/26/2014	30.55			NM	3646.08	3615.53	-0.16

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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	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 MW5	9/12/2013	32.34			38.65	3648.55	3616.21	-0.22
NMG MW5	2/26/2014	32.53			NM	3648.55	3616.02	-0.19
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 MW6	9/12/2013	31.33			38.31	3646.62	3615.29	-0.24
NMG MW6	2/26/2014	31.51			NM	3646.62	3615.11	-0.18
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 MW7	9/12/2013	30.16			37.45	3644.18	3614.02	-0.24
NMG MW7	2/26/2014	30.38			NM	3644.18	3613.80	-0.22
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 MW8	9/12/2013	32.34			38.27	3647.18	3614.84	-0.24
NMG MW8	2/26/2014	32.53			NM	3647.18	3614.65	-0.19
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 MW9	9/12/2013	28.71			31.48	3642.12	3613.41	-0.26
NMG MW9	2/26/2014	28.94			NM	3642.12	3613.18	-0.23
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 MW10	9/12/2013	28.15			32.12	3641.78	3613.63	-0.19
NMG MW10	2/26/2014	28.39			NM	3641.78	3613.39	-0.24
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 MW11	9/12/2013	27.49			32.25	3640.37	3612.88	-0.25
NMG MW11	2/26/2014	27.56			NM	3640.37	3612.81	-0.07
NMG MW12	3/7/2012	26.41			32.60	3638.2	3611.79	-0.11
NMG MW12	9/5/2012	26.72			32.60	3638.2	3611.48	-0.31
NMG MW12	2/19/2013	26.92			32.60	3638.2	3611.28	-0.20
NMG MW12	9/12/2013	27.09			32.60	3638.2	3611.11	-0.17
NMG MW12	2/26/2014	27.32			NM	3638.2	3610.88	-0.23

TABLE 1
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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 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
NMG MW13	9/12/2013	25.63			27.73	3636.64	3611.01	-0.17
NMG MW13	2/26/2014	25.89			NM	3636.64	3610.75	-0.26
Average change in groundwater elevation (9/12/13 to 2/26/14)								-0.31

Notes:

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

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

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

Sample locations are shown on Figure 2 and a groundwater elevation contour map is shown on Figure 3.

This table includes groundwater elevation data from the previous four monitoring events. Additional historic elevation data are available on request.

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

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

LNAPL relative density was assumed to be approximately 0.75

TABLE 2
FIRST HALF 2014 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	2/27/2014	0.0015	<0.002	0.0111	<0.003	
MW-1D	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-4	2/27/2014	0.00046 J	<0.002	0.047	0.147	
MW-5	2/27/2014	<0.001	<0.002	0.0052	0.0181	
MW-6	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-8	2/27/2014	0.0014	<0.002	0.0323	0.0887	
MW-9	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-10	2/27/2014	0.0046	<0.002	0.00026 J	<0.003	
MW-11	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	
MW-12	2/27/2014	1.02	<0.10	0.126	<0.15	Duplicate C sample collected
MW-12 (duplicate)	2/27/2014	1.25	<0.002	0.180	0.0133	
MW-14	2/26/2014	<0.001	<0.002	<0.002	<0.003	
MW-16	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-17	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-18	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-19	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-20	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-21	2/27/2014	0.00059 J	<0.002	0.00072 J	<0.003	
MW-22	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-23	2/26/2014	0.0382	<0.002	0.0208	<0.003	
MW-24	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-25	2/26/2014	<0.001	<0.002	<0.002	<0.003	
MW-26	2/26/2014	LNAPL	LNAPL	LNAPL	LNAPL	
MW-28	2/26/2014	<0.001	<0.002	<0.002	<0.003	
MW-29	2/26/2014	<0.001	<0.002	<0.002	<0.003	
MW-30	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-31	2/27/2014	<0.001	<0.002	<0.002	<0.003	
House Well	2/27/2014	<0.001	<0.002	<0.002	<0.003	
Irrigation Well	2/27/2014	0.0033	<0.002	0.0149	0.0029 J	
MW-A	2/27/2014	0.00029 J	<0.002	0.0636	0.151	
MW-E	2/27/2014	0.0016	<0.002	<0.002	<0.003	
MW-F	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-I	2/27/2014	0.00033 J	<0.002	<0.002	<0.003	
MW-J	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-M	2/27/2014	0.205	<0.01	0.171	0.0271	

TABLE 2
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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	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	
MW-O	2/27/2014	8.72	<0.10	0.0685 J	<0.15	Duplicate B sample collected
MW-O (duplicate)	2/27/2014	8.86	<0.01	0.0861	<0.015	
MW-Q	2/27/2014	0.0707	<0.002	0.00097 J	<0.003	
MW-S	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-EE	2/26/2014	1.21	<0.02	<0.02	<0.03	Duplicate A sample collected
MW-EE (duplicate)	2/26/2014	1.43	<0.05	<0.05	<0.075	
MW-LL	2/27/2014	0.491	<0.01	0.0214	<0.015	
MW-MM	2/26/2014	0.00051 J	<0.002	<0.002	<0.003	
NMG MW-2	2/26/2014	<0.001	<0.002	<0.002	<0.003	
NMG MW-3	2/26/2014	<0.001	<0.002	<0.002	<0.003	
NMG MW-4	2/26/2014	<0.001	<0.002	<0.002	<0.003	
NMG MW-5	2/26/2014	0.0206	<0.002	0.0034	<0.003	
NMG MW-6	2/26/2014	<0.001	<0.002	<0.002	<0.003	
NMG MW-7	2/26/2014	0.0059	<0.002	0.0055	<0.003	
NMG MW-8	2/26/2014	<0.001	<0.002	<0.002	<0.003	
NMG MW-9	2/26/2014	<0.001	<0.002	<0.002	<0.003	
NMG MW-10	2/26/2014	0.145	<0.01	0.0582	0.0382	
NMG MW-11	2/26/2014	<0.001	<0.002	<0.002	<0.003	
NMG MW-12	2/26/2014	0.00035 J	<0.002	<0.002	<0.003	
NMG MW-13	2/26/2014	<0.001	<0.002	<0.002	<0.003	

Notes:

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

Data are presented for the current reporting period. Historic groundwater analytical data are located in Appendix A.

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.

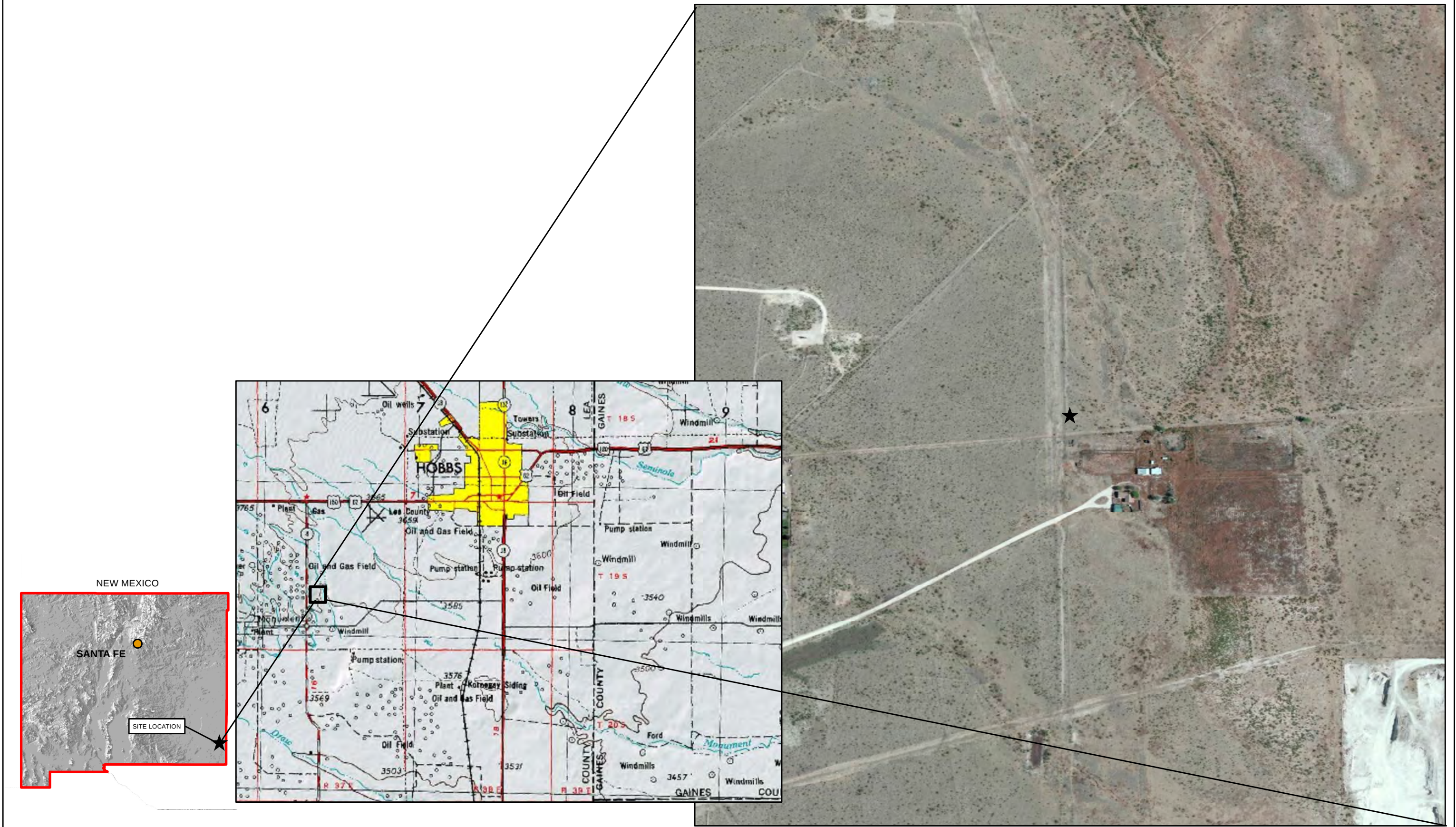
LNAPL = Light Non-Aqueous Phase Liquid

NS = Not Sampled.

mg/L = milligrams per liter.

J = Indicates an estimated value

Figures



DATE:
June 2014

DESIGNED BY:
T. Johansen

DRAWN BY:
D. Arnold

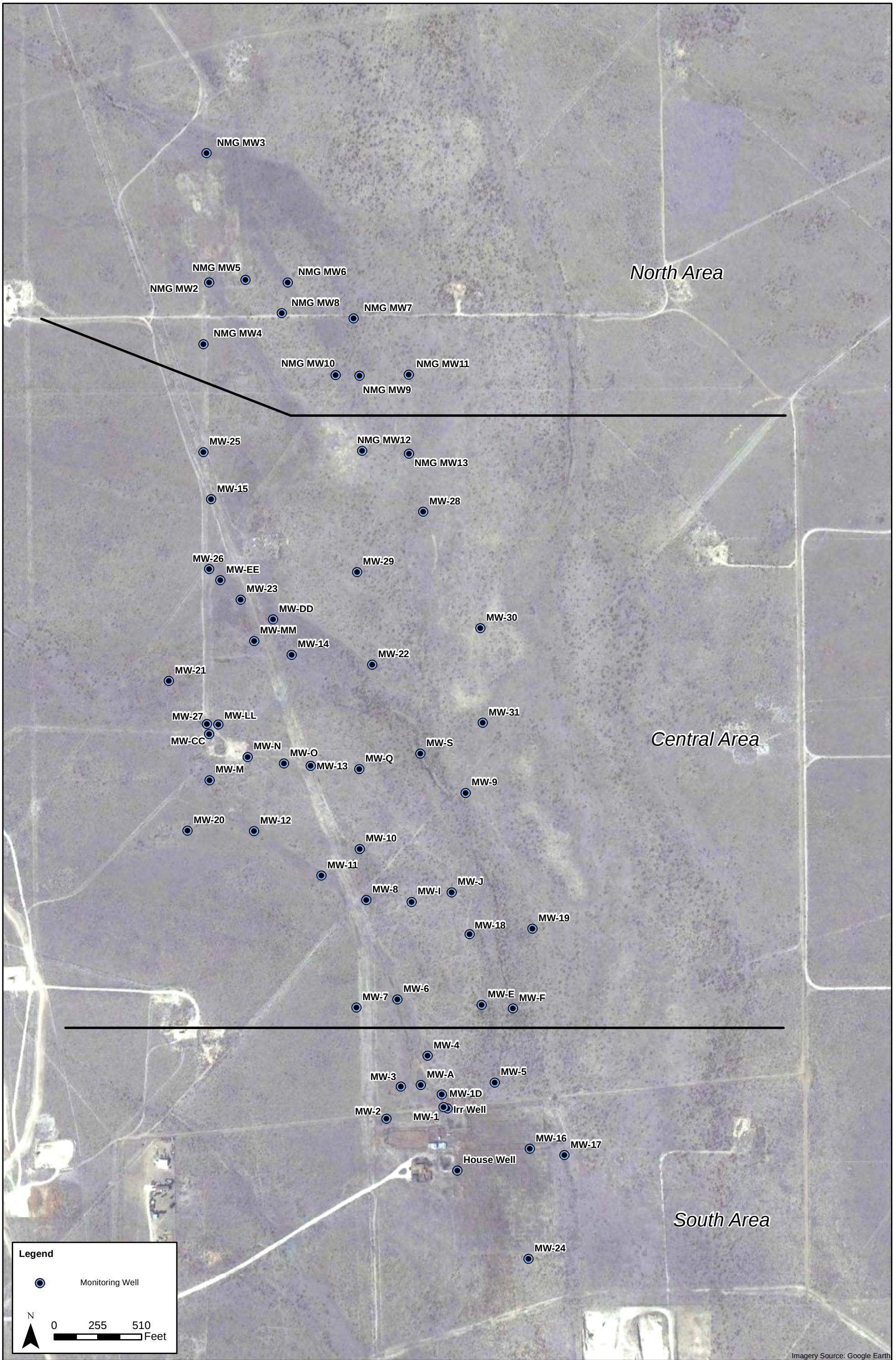


Tasman Geosciences, LLC
6899 Pecos Street - Unit C
Denver, CO 80221

**DCP Midstream
Eldridge Pipeline Release**
Unit P, Section 21, Township 19 South, Range 37 East
Lea County, New Mexico

Site Location
Map

Figure
1



DATE:	June 2014
DESIGNED BY:	T. Johansen
DRAWN BY:	D. Arnold



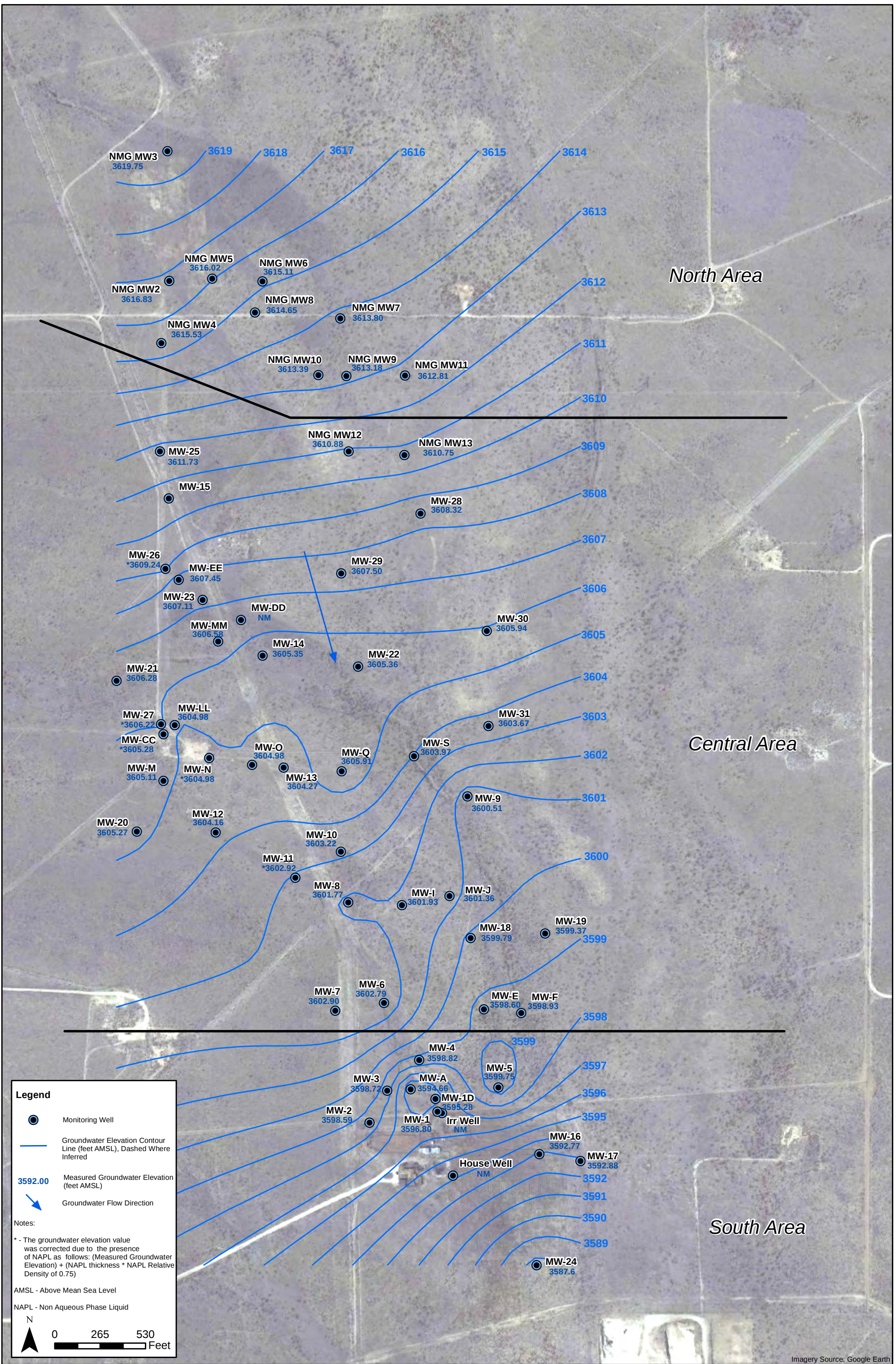
TASMAN
GEOSCIENCES

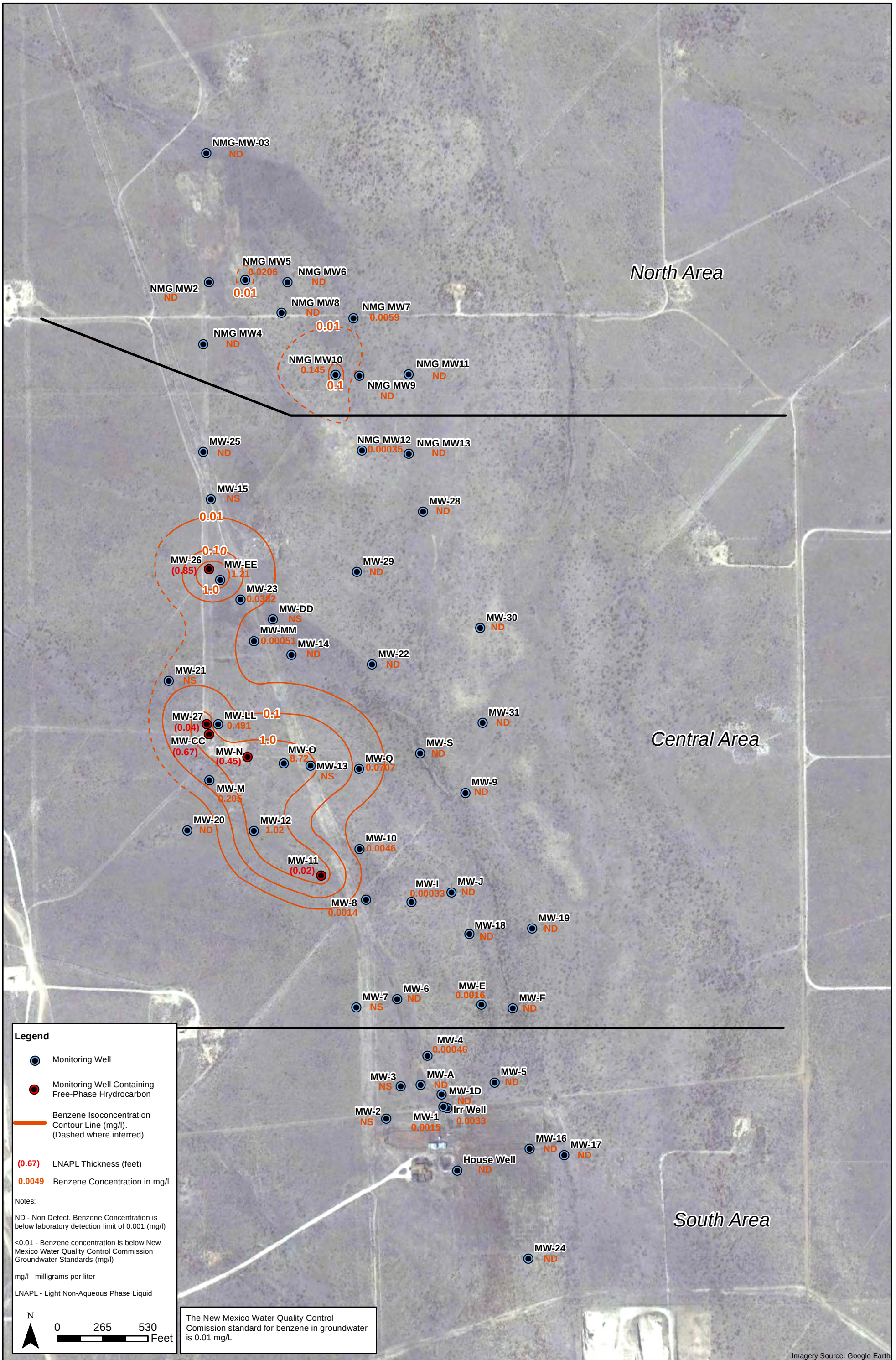
Tasman Geosciences, LLC
6899 Pecos Street - Unit C
Denver, CO 80221

DCP Midstream
Eldridge Pipeline Release
First Half 2014 Semi-Annual Groundwater
Monitoring Summary Report

Site Map with
Monitoring Well
Locations

Figure
2





Appendix A

Historic Analytical Results

APPENDIX A
HISTORIC ANALYTICAL RESULTS
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	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-1	9/13/2013	0.0019	<0.002	0.0126	<0.003	
MW-1	2/27/2014	0.0015	<0.002	0.0111	<0.003	
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-1D	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-1D	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-2	9/7/2012	NS	NS	NS	NS	
MW-2	2/21/2013	NS	NS	NS	NS	
MW-2	2/27/2014	Well was gauged not sampled				
MW-3	9/7/2012	NS	NS	NS	NS	
MW-3	2/21/2013	NS	NS	NS	NS	
MW-3	2/27/2014	Well was gauged not sampled				
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-4	9/13/2013	0.00041	<0.002	0.0695	0.220	
MW-4	2/27/2014	0.00046 J	<0.002	0.047	0.147	
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-5	9/13/2013	<0.001	<0.002	0.0068	0.0267	
MW-5	2/27/2014	<0.001	<0.002	0.0052	0.0181	
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-6	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-6	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-7	9/7/2012	NS	NS	NS	NS	
MW-7	2/21/2013	NS	NS	NS	NS	
MW-7	2/27/2014	Well was gauged not sampled				

APPENDIX A
HISTORIC ANALYTICAL RESULTS
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	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-8	9/12/2013	0.0013	<0.002	0.0216	0.0642	
MW-8	2/27/2014	0.0014	<0.002	0.0323	0.0887	
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-9	9/12/2013	<0.001	<0.002	<0.002	<0.003	
MW-9	2/27/2014	<0.001	<0.002	<0.002	<0.003	
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-10	9/12/2013	0.0049	<0.002	<0.002	<0.003	
MW-10	2/27/2014	0.0046	<0.002	0.00026 J	<0.003	
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	
MW-11	9/12/2013	2.41	<0.040	0.113	0.0635	
MW-11	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	
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-12	9/12/2013	3.29	<0.10	0.235	<0.15	Duplicate A sample collected
MW-12	2/27/2014	1.02	<0.10	0.126	<0.15	Duplicate C sample collected
MW-12 (duplicate)	2/27/2014	1.25	<0.002	0.180	0.0133	
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-14	9/12/2013	<0.001	<0.002	<0.002	<0.003	
MW-14	2/26/2014	<0.001	<0.002	<0.002	<0.003	

APPENDIX A
HISTORIC ANALYTICAL RESULTS
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-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-16	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	2/27/2014	<0.001	<0.002	<0.002	<0.003	
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	9/7/2012	NS	NS	NS	NS	
MW-17	2/22/2013	<0.001	<0.002	<0.002	<0.003	
MW-17	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-17	2/27/2014	<0.001	<0.002	<0.002	<0.003	
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-18	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-18	2/27/2014	<0.001	<0.002	<0.002	<0.003	
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-19	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	2/27/2014	<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-20	9/13/2013	NS	NS	NS	NS	
MW-20	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-21	2/27/2014	0.00059 J	<0.002	0.00072 J	<0.003	
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-22	9/13/2013	NS	NS	NS	NS	
MW-22	2/27/2014	<0.001	<0.002	<0.002	<0.003	

APPENDIX A
HISTORIC ANALYTICAL RESULTS
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-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	
MW-23	9/12/2013	0.0418	<0.002	0.0392	<0.003	
MW-23	2/26/2014	0.0382	<0.002	0.0208	<0.003	
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-24	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	2/27/2014	<0.001	<0.002	<0.002	<0.003	
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-25	9/12/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	2/26/2014	<0.001	<0.002	<0.002	<0.003	
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	
MW-26	9/12/2013	LNAPL	LNAPL	LNAPL	LNAPL	
MW-26	2/26/2014	LNAPL	LNAPL	LNAPL	LNAPL	
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-28	9/12/2013	<0.001	<0.002	<0.002	<0.003	
MW-28	2/26/2014	<0.001	<0.002	<0.002	<0.003	
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-29	9/12/2013	<0.001	<0.002	<0.002	<0.003	
MW-29	2/26/2014	<0.001	<0.002	<0.002	<0.003	

APPENDIX A
HISTORIC ANALYTICAL RESULTS
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	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-30	9/12/2013	<0.001	<0.002	<0.002	<0.003	
MW-30	2/27/2014	<0.001	<0.002	<0.002	<0.003	
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	
MW-31	9/12/2013	<0.001	<0.002	<0.002	<0.003	
MW-31	2/27/2014	<0.001	<0.002	<0.002	<0.003	
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	
House Well	9/12/2013	0.00027	<0.002	<0.002	<0.003	
House Well	2/27/2014	<0.001	<0.002	<0.002	<0.003	
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	
Irrigation Well	9/12/2013	0.0027	<0.002	0.0057	<0.003	Duplicate C sample collected
Irrigation Well	2/27/2014	0.0033	<0.002	0.0149	0.0029 J	
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-A	9/13/2013	<0.0010	<0.002	0.0732	0.179	
MW-A	2/27/2014	0.00029 J	<0.002	0.0636	0.151	
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-E	9/13/2013	0.0015	<0.002	<0.002	<0.003	
MW-E	2/27/2014	0.0016	<0.002	<0.002	<0.003	

**APPENDIX A
HISTORIC ANALYTICAL RESULTS
BTX 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	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-F	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-F	2/27/2014	<0.001	<0.002	<0.002	<0.003	
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-I	9/13/2013	0.00028	<0.002	<0.002	<0.003	
MW-I	2/27/2014	0.00033 J	<0.002	<0.002	<0.003	
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-J	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-J	2/27/2014	<0.001	<0.002	<0.002	<0.003	
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-M	9/12/2013	0.313	<0.01	0.184	0.0417	
MW-M	2/27/2014	0.205	<0.01	0.171	0.0271	
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-N	9/12/2013	LNAPL	LNAPL	LNAPL	LNAPL	
MW-N	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	
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-O	9/12/2013	8.27	<0.20	0.121	<0.30	
MW-O	2/27/2014	8.72	<0.10	0.0685 J	<0.15	Duplicate B sample collected
MW-O (duplicate)	2/27/2014	8.86	<0.01	0.0861	<0.015	

APPENDIX A
HISTORIC ANALYTICAL RESULTS
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	9/14/2011	0.896	<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-Q	9/12/2013	0.530	<0.01	0.0015	<0.015	
MW-Q	2/27/2014	0.0707	<0.002	0.00097 J	<0.003	
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-S	9/12/2013	<0.001	<0.002	<0.002	<0.003	
MW-S	2/27/2014	<0.001	<0.002	<0.002	<0.003	
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-EE	9/12/2013	1.11	<0.01	0.0021	<0.015	
MW-EE	2/26/2014	1.21	<0.02	<0.02	<0.03	Duplicate A sample collected
MW-EE (duplicate)	2/26/2014	1.43	<0.05	<0.05	<0.075	
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-LL	9/12/2013	0.403	<0.01	0.0237	<0.015	
MW-LL	2/27/2014	0.491	<0.01	0.0214	<0.015	
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	
MW-MM	9/12/2013	0.00088	<0.002	<0.002	<0.003	
MW-MM	2/26/2014	0.00051 J	<0.002	<0.002	<0.003	
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-2	9/12/2013	<0.001	<0.002	<0.002	<0.003	
NMG MW-2	2/26/2014	<0.001	<0.002	<0.002	<0.003	

APPENDIX A
HISTORIC ANALYTICAL RESULTS
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-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-3	9/12/2013	<0.001	<0.002	<0.002	<0.003	
NMG MW-3	9/12/2013	<0.001	<0.002	<0.002	<0.003	
NMG MW-3	2/26/2014	<0.001	<0.002	<0.002	<0.003	
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-4	2/26/2014	<0.001	<0.002	<0.002	<0.003	
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-5	9/12/2013	0.0047	<0.002	0.0321	<0.003	
NMG MW-5	2/26/2014	0.0206	<0.002	0.0034	<0.003	
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-6	9/12/2013	<0.001	<0.002	0.00034	<0.003	
NMG MW-6	2/26/2014	<0.001	<0.002	<0.002	<0.003	
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-7	9/12/2013	0.009	<0.002	0.0067	0.0023	
NMG MW-7	2/26/2014	0.0059	<0.002	0.0055	<0.003	
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-8	9/12/2013	<0.001	<0.002	<0.002	<0.003	
NMG MW-8	2/26/2014	<0.001	<0.002	<0.002	<0.003	

APPENDIX A
HISTORIC ANALYTICAL RESULTS
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-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-9	9/12/2013	<0.001	<0.002	<0.002	<0.003	
NMG MW-9	2/26/2014	<0.001	<0.002	<0.002	<0.003	
NMG MW-10	9/14/2011	0.282	<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-10	9/12/2013	0.179	<0.002	0.0809	0.0656	Duplicate B sample collected
NMG MW-10	2/26/2014	0.145	<0.01	0.0582	0.0382	
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-11	9/12/2013	<0.001	<0.002	<0.002	<0.003	
NMG MW-11	2/26/2014	<0.001	<0.002	<0.002	<0.003	
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-12	9/12/2013	0.00087	<0.002	<0.002	<0.003	
NMG MW-12	2/26/2014	0.00035 J	<0.002	<0.002	<0.003	
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	
NMG MW-13	9/12/2013	<0.001	<0.002	<0.002	<0.003	
NMG MW-13	2/26/2014	<0.001	<0.002	<0.002	<0.003	

Notes:

The environmental cleanup standards for water that are applicable to this 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.

Additional historic data, prior to September 2011, are provided in the report titled "First 2011 Semiannual Groundwater Monitoring Report " dated June 20, 2011 and prepared by AEC, LLC

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.

J = Indicates an estimated value

Appendix B

Laboratory Analytical Report (Electronic Only)

- Accutest Job #: D55494



03/10/14

Technical Report for

DCP Midstream, LP

TASMCOA:Eldridge Ranch

Accutest Job Number: D55494

Sampling Dates: 02/26/14 - 02/27/14

Report to:

Tasman Geoscience LLC
6899 Pecos st -Unit C
Denver, CO 80221
dbaggus@tasman-geo.com

ATTN: Don Baggus

Total number of pages in report: **99**



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

A handwritten signature in black ink, appearing to read 'Scott Heideman'.

Scott Heideman
Laboratory Director

Client Service contact: Renea Jackson 303-425-6021

Certifications: CO (CO00049), ID, NE (CO00049), ND (R-027), NJ (CO 0007), OK (D9942), UT (NELAP CO00049), TX (T104704511)

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Test results relate only to samples analyzed.

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Sample Summary

DCP Midstream, LP

Job No: D55494

TASMCOA:Eldridge Ranch

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
D55494-1	02/27/14	15:15 KC	03/01/14	AQ	Ground Water	MW-1
D55494-2	02/27/14	15:10 KC	03/01/14	AQ	Ground Water	MW-1D
D55494-3	02/27/14	14:40 KC	03/01/14	AQ	Ground Water	MW-4
D55494-4	02/27/14	16:25 KC	03/01/14	AQ	Ground Water	MW-5
D55494-5	02/27/14	14:25 KC	03/01/14	AQ	Ground Water	MW-6
D55494-6	02/27/14	11:35 KC	03/01/14	AQ	Ground Water	MW-8
D55494-7	02/27/14	11:00 KC	03/01/14	AQ	Ground Water	MW-9
D55494-8	02/27/14	11:15 KC	03/01/14	AQ	Ground Water	MW-10
D55494-9	02/27/14	12:20 KC	03/01/14	AQ	Ground Water	MW-12
D55494-10	02/26/14	16:00 KC	03/01/14	AQ	Ground Water	MW-14
D55494-11	02/27/14	17:15 KC	03/01/14	AQ	Ground Water	MW-16
D55494-12	02/27/14	17:00 KC	03/01/14	AQ	Ground Water	MW-17
D55494-13	02/27/14	13:20 KC	03/01/14	AQ	Ground Water	MW-18

Sample Summary

(continued)

DCP Midstream, LP

Job No: D55494

TASMCOA:Eldridge Ranch

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
D55494-14	02/27/14	13:40	KC	03/01/14	AQ	Ground Water	MW-19
D55494-15	02/27/14	12:00	KC	03/01/14	AQ	Ground Water	MW-20
D55494-16	02/27/14	09:10	KC	03/01/14	AQ	Ground Water	MW-21
D55494-17	02/26/14	17:00	KC	03/01/14	AQ	Ground Water	MW-23
D55494-18	02/27/14	16:40	KC	03/01/14	AQ	Ground Water	MW-24
D55494-18D	02/27/14	16:40	KC	03/01/14	AQ	Water Dup/MSD	MW-24
D55494-18M	02/27/14	16:40	KC	03/01/14	AQ	Water Matrix Spike	MW-24
D55494-19	02/26/14	14:30	KC	03/01/14	AQ	Ground Water	MW-25
D55494-19D	02/26/14	14:30	KC	03/01/14	AQ	Water Dup/MSD	MW-25
D55494-19M	02/26/14	14:30	KC	03/01/14	AQ	Water Matrix Spike	MW-25
D55494-20	02/26/14	15:15	KC	03/01/14	AQ	Ground Water	MW-28
D55494-21	02/26/14	15:45	KC	03/01/14	AQ	Ground Water	MW-29
D55494-22	02/27/14	08:40	KC	03/01/14	AQ	Ground Water	MW-30

Sample Summary

(continued)

DCP Midstream, LP

Job No: D55494

TASMCOA:Eldridge Ranch

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
D55494-23	02/27/14	10:50 KC	03/01/14	AQ	Ground Water	MW-31
D55494-24	02/27/14	14:50 KC	03/01/14	AQ	Ground Water	MW-A
D55494-25	02/27/14	14:00 KC	03/01/14	AQ	Ground Water	MW-E
D55494-26	02/27/14	13:15 KC	03/01/14	AQ	Ground Water	MW-F
D55494-27	02/27/14	13:00 KC	03/01/14	AQ	Ground Water	MW-I
D55494-28	02/27/14	13:10 KC	03/01/14	AQ	Ground Water	MW-J
D55494-29	02/27/14	12:40 KC	03/01/14	AQ	Ground Water	MW-M
D55494-30	02/27/14	09:55 KC	03/01/14	AQ	Ground Water	MW-O
D55494-31	02/27/14	10:10 KC	03/01/14	AQ	Ground Water	MW-Q
D55494-32	02/27/14	10:30 KC	03/01/14	AQ	Ground Water	MW-S
D55494-33	02/26/14	16:30 KC	03/01/14	AQ	Ground Water	MW-EE
D55494-34	02/27/14	09:30 KC	03/01/14	AQ	Ground Water	MW-LL
D55494-35	02/26/14	16:15 KC	03/01/14	AQ	Ground Water	MW-MM

Sample Summary

(continued)

DCP Midstream, LP

Job No: D55494

TASMCOA:Eldridge Ranch

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
D55494-36	02/26/14	11:45 KC	03/01/14	AQ	Ground Water	NMG MW-2
D55494-37	02/26/14	12:45 KC	03/01/14	AQ	Ground Water	NMG MW-3
D55494-38	02/26/14	13:00 KC	03/01/14	AQ	Ground Water	NMG MW-4
D55494-39	02/26/14	12:00 KC	03/01/14	AQ	Ground Water	NMG MW-5
D55494-40	02/26/14	12:30 KC	03/01/14	AQ	Ground Water	NMG MW-6
D55494-41	02/26/14	13:30 KC	03/01/14	AQ	Ground Water	NMG MW-7
D55494-42	02/26/14	13:15 KC	03/01/14	AQ	Ground Water	NMG MW-8
D55494-43	02/26/14	13:45 KC	03/01/14	AQ	Ground Water	NMG MW-9
D55494-44	02/26/14	14:00 KC	03/01/14	AQ	Ground Water	NMG MW-10
D55494-45	02/26/14	14:15 KC	03/01/14	AQ	Ground Water	NMG MW-11
D55494-46	02/26/14	14:45 KC	03/01/14	AQ	Ground Water	NMG MW-12
D55494-47	02/26/14	15:00 KC	03/01/14	AQ	Ground Water	NMG MW-13
D55494-48	02/27/14	17:40 KC	03/01/14	AQ	Ground Water	HOUSE WELL



Sample Summary
(continued)

DCP Midstream, LP

Job No: D55494

TASMCOA:Eldridge Ranch

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
D55494-49	02/27/14	15:30	KC	03/01/14	AQ Ground Water	IRRIGATION WELL
D55494-50	02/26/14	00:00	KC	03/01/14	AQ Ground Water	DUP A
D55494-51	02/27/14	00:00	KC	03/01/14	AQ Ground Water	DUP B
D55494-52	02/27/14	00:00	KC	03/01/14	AQ Ground Water	DUP C
D55494-53	02/27/14	08:50	KC	03/01/14	AQ Ground Water	MW-22



CASE NARRATIVE / CONFORMANCE SUMMARY

Client: DCP Midstream, LP

Job No D55494

Site: TASMCOA:Eldridge Ranch

Report Date 3/10/2014 10:09:49 AM

On 03/01/2014, 53 sample(s), 0 Trip Blank(s), and 0 Field Blank(s) were received at Accutest Mountain States (AMS) at a temperature of 1 °C. The samples were intact and properly preserved, unless noted below. An AMS Job Number of D55494 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: V3V1709

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D55492-5MS, D55492-5MSD were used as the QC samples indicated.

Matrix AQ

Batch ID: V3V1710

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D55494-18MS, D55494-18MSD were used as the QC samples indicated.

Matrix AQ

Batch ID: V3V1711

- All samples were analyzed within the recommended method holding time.
- Sample(s) D55494-19MS, D55494-19MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Matrix AQ

Batch ID: V3V1712

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D55494-50MS, D55494-50MSD were used as the QC samples indicated.

Matrix AQ

Batch ID: V6V1334

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D55504-22MS, D55504-22MSD were used as the QC samples indicated.
- D55504-22MS and D55504-22MSD: The pH of the sample aliquot for VOA analysis was >2 at time of analysis.
- D55494-51 and -53: The pH of the sample aliquot for VOA analysis was >2 at time of analysis.

Matrix AQ

Batch ID: V7V1393

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D55510-6DUP, D55504-19MS were used as the QC samples indicated.
- D55504-19MS: The pH of the sample aliquot for VOA analysis was >2 at time of analysis.

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: D55494
Account: DCP Midstream, LP
Project: TASMCOA:Eldridge Ranch
Collected: 02/26/14 thru 02/27/14



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
D55494-1	MW-1					
Benzene		0.0015	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene		0.0111	0.0020	0.00025	mg/l	SW846 8260B
D55494-2	MW-1D					
No hits reported in this sample.						
D55494-3	MW-4					
Benzene		0.00046 J	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene		0.0470	0.0020	0.00025	mg/l	SW846 8260B
Xylene (total)		0.147	0.0030	0.0020	mg/l	SW846 8260B
D55494-4	MW-5					
Ethylbenzene		0.0052	0.0020	0.00025	mg/l	SW846 8260B
Xylene (total)		0.0181	0.0030	0.0020	mg/l	SW846 8260B
D55494-5	MW-6					
No hits reported in this sample.						
D55494-6	MW-8					
Benzene		0.0014	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene		0.0323	0.0020	0.00025	mg/l	SW846 8260B
Xylene (total)		0.0887	0.0030	0.0020	mg/l	SW846 8260B
D55494-7	MW-9					
No hits reported in this sample.						
D55494-8	MW-10					
Benzene		0.0046	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene		0.00026 J	0.0020	0.00025	mg/l	SW846 8260B
D55494-9	MW-12					
Benzene		1.02	0.050	0.013	mg/l	SW846 8260B
Ethylbenzene		0.126	0.10	0.013	mg/l	SW846 8260B

Summary of Hits

Job Number: D55494
Account: DCP Midstream, LP
Project: TASMCOA:Eldridge Ranch
Collected: 02/26/14 thru 02/27/14



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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D55494-10 **MW-14**

No hits reported in this sample.

D55494-11 **MW-16**

No hits reported in this sample.

D55494-12 **MW-17**

No hits reported in this sample.

D55494-13 **MW-18**

No hits reported in this sample.

D55494-14 **MW-19**

No hits reported in this sample.

D55494-15 **MW-20**

No hits reported in this sample.

D55494-16 **MW-21**

Benzene	0.00059 J	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene	0.00072 J	0.0020	0.00025	mg/l	SW846 8260B

D55494-17 **MW-23**

Benzene	0.0382	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene	0.0208	0.0020	0.00025	mg/l	SW846 8260B

D55494-18 **MW-24**

No hits reported in this sample.

D55494-19 **MW-25**

No hits reported in this sample.

D55494-20 **MW-28**

No hits reported in this sample.

Summary of Hits

Job Number: D55494
Account: DCP Midstream, LP
Project: TASMLCOA:Eldridge Ranch
Collected: 02/26/14 thru 02/27/14



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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D55494-21 MW-29

No hits reported in this sample.

D55494-22 MW-30

No hits reported in this sample.

D55494-23 MW-31

No hits reported in this sample.

D55494-24 MW-A

Benzene	0.00029 J	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene	0.0636	0.0020	0.00025	mg/l	SW846 8260B
Xylene (total)	0.151	0.0030	0.0020	mg/l	SW846 8260B

D55494-25 MW-E

Benzene	0.0016	0.0010	0.00025	mg/l	SW846 8260B
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D55494-26 MW-F

No hits reported in this sample.

D55494-27 MW-I

Benzene	0.00033 J	0.0010	0.00025	mg/l	SW846 8260B
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D55494-28 MW-J

No hits reported in this sample.

D55494-29 MW-M

Benzene	0.205	0.0050	0.0013	mg/l	SW846 8260B
Ethylbenzene	0.171	0.010	0.0013	mg/l	SW846 8260B
Xylene (total)	0.0271	0.015	0.010	mg/l	SW846 8260B

D55494-30 MW-O

Benzene	8.72	0.050	0.013	mg/l	SW846 8260B
Ethylbenzene	0.0685 J	0.10	0.013	mg/l	SW846 8260B

Summary of Hits

Job Number: D55494
Account: DCP Midstream, LP
Project: TASMCOA:Eldridge Ranch
Collected: 02/26/14 thru 02/27/14



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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D55494-31 MW-Q

Benzene	0.0707	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene	0.00097 J	0.0020	0.00025	mg/l	SW846 8260B

D55494-32 MW-S

No hits reported in this sample.

D55494-33 MW-EE

Benzene	1.21	0.010	0.0025	mg/l	SW846 8260B
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D55494-34 MW-LL

Benzene	0.491	0.0050	0.0013	mg/l	SW846 8260B
Ethylbenzene	0.0214	0.010	0.0013	mg/l	SW846 8260B

D55494-35 MW-MM

Benzene	0.00051 J	0.0010	0.00025	mg/l	SW846 8260B
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D55494-36 NMG MW-2

No hits reported in this sample.

D55494-37 NMG MW-3

No hits reported in this sample.

D55494-38 NMG MW-4

No hits reported in this sample.

D55494-39 NMG MW-5

Benzene	0.0206	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene	0.0034	0.0020	0.00025	mg/l	SW846 8260B

D55494-40 NMG MW-6

No hits reported in this sample.

Summary of Hits

Job Number: D55494
Account: DCP Midstream, LP
Project: TASMCOA:Eldridge Ranch
Collected: 02/26/14 thru 02/27/14



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
D55494-41	NMG MW-7					
Benzene		0.0059	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene		0.0055	0.0020	0.00025	mg/l	SW846 8260B
D55494-42	NMG MW-8					
No hits reported in this sample.						
D55494-43	NMG MW-9					
No hits reported in this sample.						
D55494-44	NMG MW-10					
Benzene		0.145	0.0050	0.0013	mg/l	SW846 8260B
Ethylbenzene		0.0582	0.010	0.0013	mg/l	SW846 8260B
Xylene (total)		0.0382	0.015	0.010	mg/l	SW846 8260B
D55494-45	NMG MW-11					
No hits reported in this sample.						
D55494-46	NMG MW-12					
Benzene		0.00035 J	0.0010	0.00025	mg/l	SW846 8260B
D55494-47	NMG MW-13					
No hits reported in this sample.						
D55494-48	HOUSE WELL					
No hits reported in this sample.						
D55494-49	IRRIGATION WELL					
Benzene		0.0033	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene		0.0149	0.0020	0.00025	mg/l	SW846 8260B
Xylene (total)		0.0029 J	0.0030	0.0020	mg/l	SW846 8260B
D55494-50	DUP A					
Benzene		1.43	0.025	0.0063	mg/l	SW846 8260B

Summary of Hits

Job Number: D55494
Account: DCP Midstream, LP
Project: TASMCOA:Eldridge Ranch
Collected: 02/26/14 thru 02/27/14



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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D55494-51 DUP B

Benzene ^a	8.86	0.10	0.025	mg/l	SW846 8260B
Ethylbenzene	0.0861	0.010	0.0013	mg/l	SW846 8260B

D55494-52 DUP C

Benzene	1.25	0.050	0.013	mg/l	SW846 8260B
Ethylbenzene	0.180	0.0020	0.00025	mg/l	SW846 8260B
Xylene (total)	0.0133	0.0030	0.0020	mg/l	SW846 8260B

D55494-53 MW-22

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		
Lab Sample ID:	D55494-1	Date Sampled:	02/27/14
Matrix:	AQ - Ground Water	Date Received:	03/01/14
Method:	SW846 8260B	Percent Solids:	n/a
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29192.D	1	03/03/14	BR	n/a	n/a	V3V1709
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0111	0.0020	0.00025	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	115%		70-130%
460-00-4	4-Bromofluorobenzene	88%		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-1D	Date Sampled:	02/27/14
Lab Sample ID:	D55494-2	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29193.D	1	03/03/14	BR	n/a	n/a	V3V1709
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	103%		70-130%
460-00-4	4-Bromofluorobenzene	87%		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:	02/27/14
Lab Sample ID:	D55494-3	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29198.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.00046	0.0010	0.00025	mg/l	J
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0470	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	0.147	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	110%		70-130%
460-00-4	4-Bromofluorobenzene	90%		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:	02/27/14
Lab Sample ID:	D55494-4	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29199.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0052	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	0.0181	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	120%		70-130%
460-00-4	4-Bromofluorobenzene	90%		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-6	Date Sampled:	02/27/14
Lab Sample ID:	D55494-5	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29200.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	107%		70-130%
460-00-4	4-Bromofluorobenzene	89%		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-8	Date Sampled:	02/27/14
Lab Sample ID:	D55494-6	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29201.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.0014	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0323	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	0.0887	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	113%		70-130%
460-00-4	4-Bromofluorobenzene	90%		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-9	Date Sampled:	02/27/14
Lab Sample ID:	D55494-7	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29202.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	105%		70-130%
460-00-4	4-Bromofluorobenzene	89%		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:	02/27/14
Lab Sample ID:	D55494-8	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29203.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.0046	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.00026	0.0020	0.00025	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	100%		62-130%
2037-26-5	Toluene-D8	113%		70-130%
460-00-4	4-Bromofluorobenzene	89%		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		
Lab Sample ID:	D55494-9	Date Sampled:	02/27/14
Matrix:	AQ - Ground Water	Date Received:	03/01/14
Method:	SW846 8260B	Percent Solids:	n/a
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29204.D	50	03/04/14	BR	n/a	n/a	V3V1710
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	1.02	0.050	0.013	mg/l	
108-88-3	Toluene	ND	0.10	0.050	mg/l	
100-41-4	Ethylbenzene	0.126	0.10	0.013	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	99%		62-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	88%		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-14	Date Sampled:	02/26/14
Lab Sample ID:	D55494-10	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29205.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	104%		70-130%
460-00-4	4-Bromofluorobenzene	89%		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:	02/27/14
Lab Sample ID:	D55494-11	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29206.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	105%		62-130%
2037-26-5	Toluene-D8	103%		70-130%
460-00-4	4-Bromofluorobenzene	89%		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:	02/27/14
Lab Sample ID:	D55494-12	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29207.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	102%		70-130%
460-00-4	4-Bromofluorobenzene	89%		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:	02/27/14
Lab Sample ID:	D55494-13	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29208.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	103%		70-130%
460-00-4	4-Bromofluorobenzene	89%		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:	02/27/14
Lab Sample ID:	D55494-14	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29209.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	102%		62-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	91%		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:	02/27/14
Lab Sample ID:	D55494-15	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29210.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	102%		62-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	89%		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-21	Date Sampled:	02/27/14
Lab Sample ID:	D55494-16	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29211.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.00059	0.0010	0.00025	mg/l	J
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.00072	0.0020	0.00025	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	98%		62-130%
2037-26-5	Toluene-D8	103%		70-130%
460-00-4	4-Bromofluorobenzene	89%		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

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Client Sample ID:	MW-23	Date Sampled:	02/26/14
Lab Sample ID:	D55494-17	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29212.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.0382	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0208	0.0020	0.00025	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	120%		70-130%
460-00-4	4-Bromofluorobenzene	90%		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:	02/27/14
Lab Sample ID:	D55494-18	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29213.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	103%		62-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	89%		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

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Client Sample ID:	MW-25						
Lab Sample ID:	D55494-19					Date Sampled:	02/26/14
Matrix:	AQ - Ground Water					Date Received:	03/01/14
Method:	SW846 8260B					Percent Solids:	n/a
Project:	TASMSOA:Eldridge Ranch						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29232.D	1	03/04/14	BR	n/a	n/a	V3V1711
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	103%		70-130%
460-00-4	4-Bromofluorobenzene	89%		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:	02/26/14
Lab Sample ID:	D55494-20	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29216.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	90%		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-29	Date Sampled:	02/26/14
Lab Sample ID:	D55494-21	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29217.D	1	03/04/14	BR	n/a	n/a	V3V1710
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	103%		62-130%
2037-26-5	Toluene-D8	103%		70-130%
460-00-4	4-Bromofluorobenzene	89%		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:	02/27/14
Lab Sample ID:	D55494-22	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V25217.D	1	03/04/14	JL	n/a	n/a	V7V1393
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	107%		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-31	Date Sampled:	02/27/14
Lab Sample ID:	D55494-23	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V25218.D	1	03/04/14	JL	n/a	n/a	V7V1393
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	104%		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-A	Date Sampled:	02/27/14
Lab Sample ID:	D55494-24	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V25219.D	1	03/04/14	JL	n/a	n/a	V7V1393
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	0.00029	0.0010	0.00025	mg/l	J
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0636	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	0.151	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	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-E	Date Sampled:	02/27/14
Lab Sample ID:	D55494-25	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V25220.D	1	03/04/14	JL	n/a	n/a	V7V1393
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	0.0016	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	102%		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

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Client Sample ID:	MW-F	Date Sampled:	02/27/14
Lab Sample ID:	D55494-26	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V25221.D	1	03/04/14	JL	n/a	n/a	V7V1393
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	102%		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-I	Date Sampled:	02/27/14
Lab Sample ID:	D55494-27	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29223.D	1	03/04/14	BR	n/a	n/a	V3V1711
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	0.00033	0.0010	0.00025	mg/l	J
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	106%		70-130%
460-00-4	4-Bromofluorobenzene	89%		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

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Client Sample ID:	MW-J	Date Sampled:	02/27/14
Lab Sample ID:	D55494-28	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29224.D	1	03/04/14	BR	n/a	n/a	V3V1711
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	102%		62-130%
2037-26-5	Toluene-D8	103%		70-130%
460-00-4	4-Bromofluorobenzene	88%		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

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Client Sample ID:	MW-M	Date Sampled:	02/27/14
Lab Sample ID:	D55494-29	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29235.D	5	03/04/14	BR	n/a	n/a	V3V1711
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	0.205	0.0050	0.0013	mg/l	
108-88-3	Toluene	ND	0.010	0.0050	mg/l	
100-41-4	Ethylbenzene	0.171	0.010	0.0013	mg/l	
1330-20-7	Xylene (total)	0.0271	0.015	0.010	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	105%		70-130%
460-00-4	4-Bromofluorobenzene	91%		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-O	Date Sampled:	02/27/14
Lab Sample ID:	D55494-30	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29236.D	50	03/04/14	BR	n/a	n/a	V3V1711
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	8.72	0.050	0.013	mg/l	
108-88-3	Toluene	ND	0.10	0.050	mg/l	
100-41-4	Ethylbenzene	0.0685	0.10	0.013	mg/l	J
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	103%		62-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	89%		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-Q	Date Sampled:	02/27/14
Lab Sample ID:	D55494-31	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V23656.D	1	03/06/14	BR	n/a	n/a	V6V1334
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	0.0707	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.00097	0.0020	0.00025	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	96%		62-130%
2037-26-5	Toluene-D8	99%		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

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Client Sample ID:	MW-S	Date Sampled:	02/27/14
Lab Sample ID:	D55494-32	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29238.D	1	03/05/14	BR	n/a	n/a	V3V1711
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	103%		62-130%
2037-26-5	Toluene-D8	103%		70-130%
460-00-4	4-Bromofluorobenzene	88%		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:	02/26/14
Lab Sample ID:	D55494-33	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29239.D	10	03/05/14	BR	n/a	n/a	V3V1711
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	1.21	0.010	0.0025	mg/l	
108-88-3	Toluene	ND	0.020	0.010	mg/l	
100-41-4	Ethylbenzene	ND	0.020	0.0025	mg/l	
1330-20-7	Xylene (total)	ND	0.030	0.020	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	104%		70-130%
460-00-4	4-Bromofluorobenzene	88%		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-LL	Date Sampled:	02/27/14
Lab Sample ID:	D55494-34	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29240.D	5	03/05/14	BR	n/a	n/a	V3V1711
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	0.491	0.0050	0.0013	mg/l	
108-88-3	Toluene	ND	0.010	0.0050	mg/l	
100-41-4	Ethylbenzene	0.0214	0.010	0.0013	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	101%		62-130%
2037-26-5	Toluene-D8	103%		70-130%
460-00-4	4-Bromofluorobenzene	87%		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

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Client Sample ID:	MW-MM	Date Sampled:	02/26/14
Lab Sample ID:	D55494-35	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29225.D	1	03/04/14	BR	n/a	n/a	V3V1711
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	0.00051	0.0010	0.00025	mg/l	J
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	103%		62-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	90%		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-2	Date Sampled:	02/26/14
Lab Sample ID:	D55494-36	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29226.D	1	03/04/14	BR	n/a	n/a	V3V1711
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	103%		62-130%
2037-26-5	Toluene-D8	103%		70-130%
460-00-4	4-Bromofluorobenzene	88%		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-3	Date Sampled:	02/26/14
Lab Sample ID:	D55494-37	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29227.D	1	03/04/14	BR	n/a	n/a	V3V1711
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	104%		70-130%
460-00-4	4-Bromofluorobenzene	88%		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:	02/26/14
Lab Sample ID:	D55494-38	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29228.D	1	03/04/14	BR	n/a	n/a	V3V1711
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	103%		70-130%
460-00-4	4-Bromofluorobenzene	88%		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:	02/26/14
Lab Sample ID:	D55494-39	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29229.D	1	03/04/14	BR	n/a	n/a	V3V1711
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	0.0206	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0034	0.0020	0.00025	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	104%		70-130%
460-00-4	4-Bromofluorobenzene	90%		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:	02/26/14
Lab Sample ID:	D55494-40	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29230.D	1	03/04/14	BR	n/a	n/a	V3V1711
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	103%		70-130%
460-00-4	4-Bromofluorobenzene	89%		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-7	Date Sampled:	02/26/14
Lab Sample ID:	D55494-41	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29231.D	1	03/04/14	BR	n/a	n/a	V3V1711
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	0.0059	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0055	0.0020	0.00025	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	102%		62-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	90%		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:	02/26/14
Lab Sample ID:	D55494-42	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29257.D	1	03/05/14	BR	n/a	n/a	V3V1712
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	104%		70-130%
460-00-4	4-Bromofluorobenzene	91%		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:	02/26/14
Lab Sample ID:	D55494-43	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29258.D	1	03/05/14	BR	n/a	n/a	V3V1712
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	104%		70-130%
460-00-4	4-Bromofluorobenzene	90%		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:	NMG MW-10	Date Sampled:	02/26/14
Lab Sample ID:	D55494-44	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29259.D	5	03/05/14	BR	n/a	n/a	V3V1712
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	0.145	0.0050	0.0013	mg/l	
108-88-3	Toluene	ND	0.010	0.0050	mg/l	
100-41-4	Ethylbenzene	0.0582	0.010	0.0013	mg/l	
1330-20-7	Xylene (total)	0.0382	0.015	0.010	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	108%		70-130%
460-00-4	4-Bromofluorobenzene	91%		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-11	Date Sampled:	02/26/14
Lab Sample ID:	D55494-45	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29260.D	1	03/05/14	BR	n/a	n/a	V3V1712
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	105%		70-130%
460-00-4	4-Bromofluorobenzene	88%		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-12	Date Sampled:	02/26/14
Lab Sample ID:	D55494-46	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29261.D	1	03/05/14	BR	n/a	n/a	V3V1712
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	0.00025	mg/l	J
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	106%		70-130%
460-00-4	4-Bromofluorobenzene	90%		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:	02/26/14
Lab Sample ID:	D55494-47	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29262.D	1	03/05/14	BR	n/a	n/a	V3V1712
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	102%		62-130%
2037-26-5	Toluene-D8	103%		70-130%
460-00-4	4-Bromofluorobenzene	87%		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:	02/27/14
Lab Sample ID:	D55494-48	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29263.D	1	03/05/14	BR	n/a	n/a	V3V1712
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	108%		62-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	90%		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:	02/27/14
Lab Sample ID:	D55494-49	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29264.D	1	03/05/14	BR	n/a	n/a	V3V1712
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	0.0033	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0149	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	0.0029	0.0030	0.0020	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	100%		62-130%
2037-26-5	Toluene-D8	109%		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:	DUP A	Date Sampled:	02/26/14
Lab Sample ID:	D55494-50	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29265.D	25	03/05/14	BR	n/a	n/a	V3V1712
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	1.43	0.025	0.0063	mg/l	
108-88-3	Toluene	ND	0.050	0.025	mg/l	
100-41-4	Ethylbenzene	ND	0.050	0.0063	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	106%		62-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	88%		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 B	Date Sampled:	02/27/14
Lab Sample ID:	D55494-51	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMSOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29268.D	5	03/05/14	BR	n/a	n/a	V3V1712
Run #2 ^a	6V23662.D	100	03/06/14	BR	n/a	n/a	V6V1334

	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	8.86 ^b	0.10	0.025	mg/l	
108-88-3	Toluene	ND	0.010	0.0050	mg/l	
100-41-4	Ethylbenzene	0.0861	0.010	0.0013	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	104%	97%	62-130%
2037-26-5	Toluene-D8	108%	97%	70-130%
460-00-4	4-Bromofluorobenzene	92%	97%	69-130%

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

(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:	DUP C	Date Sampled:	02/27/14
Lab Sample ID:	D55494-52	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29269.D	1	03/05/14	BR	n/a	n/a	V3V1712
Run #2	6V23663.D	50	03/06/14	BR	n/a	n/a	V6V1334

	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	1.25 ^a	0.050	0.013	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.180	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	0.0133	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%	96%	62-130%
2037-26-5	Toluene-D8	108%	96%	70-130%
460-00-4	4-Bromofluorobenzene	92%	100%	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-22	Date Sampled:	02/27/14
Lab Sample ID:	D55494-53	Date Received:	03/01/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:Eldridge Ranch		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	6V23654.D	1	03/06/14	BR	n/a	n/a	V6V1334
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	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	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	93%		62-130%
2037-26-5	Toluene-D8	98%		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

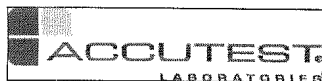
Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

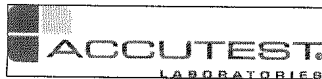
PAGE 1 OF 5

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 # D55494															
Client / Reporting Information		Project Information															
Company Name Tasman Geosciences		Project Name DCP Eldridge Ranch															
Street Address 6899 Pecos St - Unit C		Street															
City Denver, CO 80221		Billing Information (If different from Report to) City State Company Name															
Project Contact Don Baggus dbaggus@tasman-geo.com		Project #															
Phone # (720) 635-9675		Client Purchase Order #															
Sampler(s) Name(s) KEVIN CARLIS, DON BAGGUS		Project Manager Renee Jackson															
Attention:																	
Collection		Number of preserved Bottles															
Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MECH	ENCORE		
	MW-1		2/27/14	1515	KC	GW	3	3									
	MW-1D		2/27/14	1510		GW	3	3									
	MW-4		2/27/14	1440		GW	3	3									
	MW-5		2/27/14	1625		GW	3	3									
	MW-6		2/27/14	1425		GW	3	3									
	MW-8		2/27/14	1135		GW	3	3									
	MW-9		2/27/14	1100		GW	3	3									
	MW-10		2/27/14	0955	1115	GW	3	3									
	MW-11		-	-		GW	3	3									
	MW-12		2/27/14	1220		GW	3	3									
	MW-14		2/26	1600		GW	3	3									
	MW-16		2/27	1715		GW	3	3									
Data Deliverable Information																Comments / Special Instructions	
☐ Std. 15 Business Days ☒ Std. 10 Business Days ☐ 5 Day RUSH ☐ 3 Day Emergency ☐ 2 Day Emergency ☐ 1 Day Emergency ☐ Emergency & Rush TJA data available VIA Lablink																Approved By (Accutest PM) / Date:	
☐ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☒ COMMBN ☐ COMMBN+ ☐ Commercial "A" = Results Only Commercial "B" = Results + QC Summary Commercial BN = Results/QC/Narrative (+ = chromatograms)																☐ State Forms Required ☐ Send Forms to State ☐ Report by Fax ☒ Report by PDF ONLY ☐ EDD Format	
Relinquished By: 1 Don Baggus 1045 3/1/14																Received By: 1 Jacob Portner 1045 3/1/14	
Relinquished By: 3																Received By: 3	
Relinquished By: 5																Received By: 5	
Custody Seal # +10 ☒ Intact ☐ Not intact																Preserved where applicable 2	
Op/Ice 2																Cooler Temp. 1.0	

D55494: Chain of Custody

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CHAIN OF CUSTODY

PAGE 2 OF 5

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FED-EX Tracking #		Bottle Order Control #																		
Accutest Quote #		Accutest Job # D55494																		
Client / Reporting Information		Project Information																		
Company Name Tasman Geosciences		Project Name DCP Eldridge Ranch																		
Street Address 6899 Pecos St - Unit C		Street _____																		
City Denver, CO 80221		Billing Information (if different from Report to) City _____ State _____ Company Name _____																		
Project Contact Don Baggus dbaggus@tasman-geo.com		Project # _____ Street Address _____																		
Phone # (720) 635-9675		Client Purchase Order # _____ City _____																		
Sampler(s) Name(s) KEVIN CURTIS, Don Baggus		Project Manager Renea Jackson Attention: _____																		
Collection		Number of preserved Bottles																		
Accutest Sample #	Field ID / Point of Collection	MECH(D) Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	HNO3	H2SO4	H2O2	DI Water	MEOH	EtOH	LAB USE ONLY					
	MW-17		2/27	1700	KC	GW	3	3								12				
	MW-18		2/27	1320		GW	3	3								13				
	MW-19		2/27	1340		GW	3	3								14				
	MW-20		2/27	1200		GW	3	3								15				
	MW-21		2/27	0910		GW	3	3								16				
	MW-23		2/26	1700		GW	3	3								17				
	MW-24		2/27	1640		GW	3	3								18				
	MW-24 MS/MSD 1		2/27	1640		GW	6	6							X	18				
	MW-25		2/26	1430	KC	GW	3	3							X	19				
	MW-25 MS/MSD 2		2/26	1436		GW	6	6							X	19				
	MW-28		2/26	1515		GW	3	3							X	20				
	MW-29		2/26	1545		GW	3	3							X	21				
Data Deliverable Information																Comments / Special Instructions				
☐ Std. 15 Business Days ☒ Std. 10 Business Days ☐ 5 Day RUSH ☐ 3 Day Emergency ☐ 2 Day Emergency ☐ 1 Day Emergency ☐ Emergency & Rush T/A data available via Lablink																Approved By (Accutest PM): / Date: _____ _____ _____ _____ _____	☐ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☒ COMMBN ☐ COMMBN+ Commercial "A" = Results Only Commercial "B" = Results + QC Summary Commercial BN = Results/QC/Narrative (+ chromatograms)	☐ State Forms Required ☐ Send Forms to State ☐ Report by Fax ☒ Report by PDF ONLY ☐ EDD Format	Comments / Special Instructions	
Relinquished by Sampler:		Received By:		Relinquished By:		Received By:		Date Time:		Received By:		Date Time:		Received By:		Date Time:				
1 Don Baggus		1 Jacob Parker		2		3		4		5		6		7		8				
Relinquished by Sampler:		Received By:		Relinquished By:		Received By:		Date Time:		Received By:		Date Time:		Received By:		Date Time:				
3		3		4		5		6		7		8		9		10				
Relinquished by:		Received By:		Relinquished By:		Received By:		Date Time:		Received By:		Date Time:		Received By:		Date Time:				
5		5		6		7		8		9		10		11		12				
Custody Seal #		Intact		Not Intact		Preserved where applicable		On Ice		Cooler Temp.		1.0		1.0		1.0				

D55494: Chain of Custody

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CHAIN OF CUSTODY

PAGE 3 OF 5

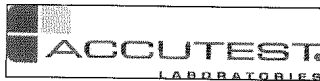
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6834
www.accutest.com

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # D55494

Client / Reporting Information		Project Information		Requested Analysis (see TEST CODE sheet)												Matrix Codes			
Company Name Tasman Geosciences		Project Name DCP Eldridge Ranch		V8260BTX												DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Sol SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank			
Street Address 6899 Pecos St - Unit C		Street																	
City Denver, CO 80221		City State																	
Project Contact Don Baggus dbaggus@tasman-geo.com		Project #																	
Phone # (720) 635-9675		Client Purchase Order #																	
Sampler(s) Name(s) Kevin Ortiz, Don Baggus		Project Manager Renee Jackson		Attention:														LAB USE ONLY	
Accutest Sample #	Field ID / Point of Collection	MEQ/HDI Vol #	Collection		Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEDH	ENCORE				
	MW-30		2/27/14	0840	KC	GW	3	3								X	22		
	MW-31		2/27/14	1050		GW	3	3								X	23		
	MW-A		2/27/14	1450		GW	3	3								X	24		
	MW-E		2/27/14	1400		GW	3	3								X	25		
	MW-F		2/27/14	1315		GW	3	3								X	26		
	MW-I		2/27/14	1300		GW	3	3								X	27		
	MW-J		2/27/14	1310		GW	3	3								X	28		
	MW-M		2/27/14	1240		GW	3	3								X	29		
	MW-N		-	-		GW	3	3								X	LNAPL		
	MW-O		2/27/14	0955		GW	3	3								X	30		
	MW-Q		2/27/14	1010		GW	3	3								X	31		
	MW-S		2/27/14	1030		GW	3	3								X	32		
Data Deliverable Information																			
☐ Std. 15 Business Days ☒ Std. 10 Business Days ☐ 5 Day RUSH ☐ 3 Day Emergency ☐ 2 Day Emergency ☐ 1 Day Emergency ☐ Emergency & Rush T/A data available VIA Lablink		Approved By (Accutest PM): / Date: _____ _____ _____		☐ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☒ COMMBN ☐ COMMBN+ Commercial "A" = Results Only Commercial "B" = Results + QC Summary Commercial BN = Results/QC/Narrative (+ = chromatograms)		☐ State Forms Required ☐ Send Forms to State ☐ Report by Fax ☒ Report by PDF ONLY ☐ EDD Format		Comments / Special Instructions											
Relinquished by Sampler: 1 Don Baggus 1045 3/1/14		Received By: 1 Jane B. Patten 1045 3/1/14		Relinquished By: 2		Date Time: 2		Received By:											
Relinquished by Sampler: 3		Received By: 3		Relinquished By: 4		Date Time: 4		Received By:											
Relinquished by: 5		Received By: 5		Custody Seal # HD		Intact Not Intact		Preserved where applicable X		On Ice X		Cooler Temp. 1.0							

D55494: Chain of Custody

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CHAIN OF CUSTODY

PAGE 5 OF 5

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

FED-EX Tracking #	Boiler Order Control #
Accutest Quote #	Accutest Job # D55494
Client / Reporting Information	
Company Name: Tasman Geosciences	
Street Address: 6899 Pecos St - Unit C	
City: Denver, CO 80221	
Project Contact: Don Baggus dbaggus@tasman-geo.com	
Phone #: (720) 635-9675	
Sampler(s) Name(s): Karen O'Neil, Don Baggus	
Project Name: DCP Eldridge Ranch	
Street	
City	
State	
Billing Information (if different from Report to)	
Company Name	
Street Address	
City	
Client Purchase Order #	
Project Manager: Renea Jackson	
Attention:	
Collection	
Field ID / Point of Collection	
MECH/DI Vial #	
Date	
Time	
Sampled by	
Matrix	
# of bottles	
HCl	
HNO3	
H2SO4	
NONE	
DI Water	
MEOH	
ENGLISH	
Number of preserved bottles	
V8260BXTX	
LAB USE ONLY	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54 TB	
57/14	
Comments / Special Instructions	
Emergency & Rush T/A data available VIA Lablink	
Approved By (Accutest PM): / Date:	
Commercial "A" (Level 1)	
Commercial "B" (Level 2)	
COMMBN	
COMMBN+	
State Forms Required	
Send Forms to State	
Report by Fax	
Report by PDF ONLY	
EDD Format	
Commercial "A" = Results Only	
Commercial "B" = Results + QC Summary	
Commercial BN = Results/QC/Narrative (+ chromatograms)	
Relinquished by Sampler:	
Received By:	
Date Time:	
Relinquished By:	
Received By:	
Date Time:	
Relinquished by:	
Received By:	
Date Time:	
Custody Seal #	
Intact	
Not Intact	
Preserved where applicable	
On Ice	
Cooler Temp.	

Accutest Sample #	Field ID / Point of Collection	MECH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	HNO3	H2SO4	NONE	DI Water	MEOH	ENGLISH	Number of preserved bottles
	NMG MW-11		2/26	1415	KC	GW	3	3							
	NMG MW-12		2/26	1445		GW	3	3							
	NMG MW-13		2/26	1500		GW	3	3							
	House Well		2/27	1740		GW	3	3							
	Irrigation Well		2/27	1530		GW	3	3							
	DUP A		2/26		KC	GW	3	3							
	DUP B		2/27			GW	3	3							
	DUP C		2/27			GW	3	3							
	MW-22		2/27	0800	KC	GW	3	3							

☐ Std. 15 Business Days	Approved By (Accutest PM): / Date:	☐ Commercial "A" (Level 1)	☐ State Forms Required
☒ Std. 10 Business Days		☐ Commercial "B" (Level 2)	☐ Send Forms to State
☐ 6 Day RUSH		☒ COMMBN	☐ Report by Fax
☐ 3 Day Emergency		☐ COMMBN+	☒ Report by PDF ONLY
☐ 2 Day Emergency			☐ EDD Format
☐ 1 Day Emergency			
Emergency & Rush T/A data available VIA Lablink			

D55494: Chain of Custody

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Accutest Laboratories Sample Receipt Summary

Accutest Job Number: D55494

Client: TASMAN GEOSCIENCES

Immediate Client Services Action Required: No

Date / Time Received: 3/1/2014 10:45:00 AM

No. Coolers: 1

Client Service Action Required at Login: No

Project: DCP ELDRIDGE RANCH

Airbill #'s: HD

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: D55494

Account: DCPMCO DN DCP Midstream, LP

Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V1709-MB	3V29173.D	1	03/03/14	BR	n/a	n/a	V3V1709

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-1, D55494-2

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.25	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.25	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	105% 70-130%
460-00-4	4-Bromofluorobenzene	90% 69-130%

Method Blank Summary

Page 1 of 1

Job Number: D55494

Account: DCPMCO DN DCP Midstream, LP

Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V1393-MB	7V25201.D	1	03/03/14	JL	n/a	n/a	V7V1393

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-22, D55494-23, D55494-24, D55494-25, D55494-26

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.25	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.25	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	98% 62-130%
2037-26-5	Toluene-D8	107% 70-130%
460-00-4	4-Bromofluorobenzene	89% 69-130%

Method Blank Summary

Page 1 of 1

Job Number: D55494

Account: DCPMCO DN DCP Midstream, LP

Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V1710-MB	3V29197.D	1	03/04/14	BR	n/a	n/a	V3V1710

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-3, D55494-4, D55494-5, D55494-6, D55494-7, D55494-8, D55494-9, D55494-10, D55494-11, D55494-12, D55494-13, D55494-14, D55494-15, D55494-16, D55494-17, D55494-18, D55494-20, D55494-21

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.25	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.25	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	103% 70-130%
460-00-4	4-Bromofluorobenzene	88% 69-130%

Method Blank Summary

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Job Number: D55494

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V1711-MB	3V29221.D	1	03/04/14	BR	n/a	n/a	V3V1711

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-19, D55494-27, D55494-28, D55494-29, D55494-30, D55494-32, D55494-33, D55494-34, D55494-35, D55494-36, D55494-37, D55494-38, D55494-39, D55494-40, D55494-41

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.25	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.25	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	103% 70-130%
460-00-4	4-Bromofluorobenzene	90% 69-130%

Method Blank Summary

Page 1 of 1

Job Number: D55494

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V1712-MB	3V29252.D	1	03/05/14	BR	n/a	n/a	V3V1712

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-42, D55494-43, D55494-44, D55494-45, D55494-46, D55494-47, D55494-48, D55494-49, D55494-50, D55494-51, D55494-52

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.25	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.25	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	107% 62-130%
2037-26-5	Toluene-D8	105% 70-130%
460-00-4	4-Bromofluorobenzene	92% 69-130%

Method Blank Summary

Page 1 of 1

Job Number: D55494

Account: DCPMCO DN DCP Midstream, LP

Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V1334-MB	6V23652.D	1	03/06/14	BR	n/a	n/a	V6V1334

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-31, D55494-51, D55494-52, D55494-53

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.25	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.25	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	96% 70-130%
460-00-4	4-Bromofluorobenzene	97% 69-130%

Blank Spike Summary

Page 1 of 1

Job Number: D55494

Account: DCPMCO DN DCP Midstream, LP

Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V1709-BS	3V29172.D	1	03/03/14	BR	n/a	n/a	V3V1709

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-1, D55494-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	44.1	88	70-130
100-41-4	Ethylbenzene	50	47.3	95	70-130
108-88-3	Toluene	50	46.8	94	70-130
1330-20-7	Xylene (total)	150	143	95	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	99%	62-130%
2037-26-5	Toluene-D8	105%	70-130%
460-00-4	4-Bromofluorobenzene	91%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D55494

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V1393-BS	7V25202.D	1	03/03/14	JL	n/a	n/a	V7V1393

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-22, D55494-23, D55494-24, D55494-25, D55494-26

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	50.8	102	70-130
100-41-4	Ethylbenzene	50	54.1	108	70-130
108-88-3	Toluene	50	54.2	108	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	100%	62-130%
2037-26-5	Toluene-D8	105%	70-130%
460-00-4	4-Bromofluorobenzene	98%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D55494

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V1393-BS	7V25203.D	1	03/04/14	JL	n/a	n/a	V7V1393

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-22, D55494-23, D55494-24, D55494-25, D55494-26

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
---------	----------	---------------	-------------	----------	--------

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	103%	62-130%
2037-26-5	Toluene-D8	103%	70-130%
460-00-4	4-Bromofluorobenzene	95%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D55494

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V1710-BS	3V29196.D	1	03/04/14	BR	n/a	n/a	V3V1710

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-3, D55494-4, D55494-5, D55494-6, D55494-7, D55494-8, D55494-9, D55494-10, D55494-11, D55494-12, D55494-13, D55494-14, D55494-15, D55494-16, D55494-17, D55494-18, D55494-20, D55494-21

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	46.5	93	70-130
100-41-4	Ethylbenzene	50	50.3	101	70-130
108-88-3	Toluene	50	49.1	98	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	99%	62-130%
2037-26-5	Toluene-D8	104%	70-130%
460-00-4	4-Bromofluorobenzene	92%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D55494

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V1711-BS	3V29220.D	1	03/04/14	BR	n/a	n/a	V3V1711

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-19, D55494-27, D55494-28, D55494-29, D55494-30, D55494-32, D55494-33, D55494-34, D55494-35, D55494-36, D55494-37, D55494-38, D55494-39, D55494-40, D55494-41

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	48.9	98	70-130
100-41-4	Ethylbenzene	50	51.3	103	70-130
108-88-3	Toluene	50	50.9	102	70-130
1330-20-7	Xylene (total)	150	153	102	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	102%	62-130%
2037-26-5	Toluene-D8	105%	70-130%
460-00-4	4-Bromofluorobenzene	92%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D55494

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V1712-BS	3V29251.D	1	03/05/14	BR	n/a	n/a	V3V1712

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-42, D55494-43, D55494-44, D55494-45, D55494-46, D55494-47, D55494-48, D55494-49, D55494-50, D55494-51, D55494-52

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	50.2	100	70-130
100-41-4	Ethylbenzene	50	53.3	107	70-130
108-88-3	Toluene	50	52.8	106	70-130
1330-20-7	Xylene (total)	150	159	106	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	102%	62-130%
2037-26-5	Toluene-D8	105%	70-130%
460-00-4	4-Bromofluorobenzene	94%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D55494

Account: DCPMCO DN DCP Midstream, LP

Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V1334-BS	6V23651.D	1	03/06/14	BR	n/a	n/a	V6V1334

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-31, D55494-51, D55494-52, D55494-53

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	52.3	105	70-130
100-41-4	Ethylbenzene	50	52.7	105	70-130
108-88-3	Toluene	50	50.6	101	70-130
1330-20-7	Xylene (total)	150	143	95	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	100%	62-130%
2037-26-5	Toluene-D8	96%	70-130%
460-00-4	4-Bromofluorobenzene	102%	69-130%

* = Outside of Control Limits.

Matrix Spike Summary

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Job Number: D55494

Account: DCPMCO DN DCP Midstream, LP

Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D55504-19MS ^a	7V25204.D	1	03/04/14	JL	n/a	n/a	V7V1393
D55504-19 ^a	7V25206.D	1	03/04/14	JL	n/a	n/a	V7V1393

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-22, D55494-23, D55494-24, D55494-25, D55494-26

CAS No.	Compound	D55504-19 ug/l	Spike Q	MS ug/l	MS %	Limits
71-43-2	Benzene	ND	50	46.9	94	62-130
100-41-4	Ethylbenzene	ND	50	49.4	99	63-130
108-88-3	Toluene	ND	50	49.8	100	60-130
1330-20-7	Xylene (total)	ND	150	148	99	67-130

CAS No.	Surrogate Recoveries	MS	D55504-19	Limits
17060-07-0	1,2-Dichloroethane-D4	102%	99%	62-130%
2037-26-5	Toluene-D8	104%	107%	70-130%
460-00-4	4-Bromofluorobenzene	98%	90%	69-130%

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

* = Outside of Control Limits.

Matrix Spike Summary

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Job Number: D55494

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D55504-19MS ^a	7V25205.D	1	03/04/14	JL	n/a	n/a	V7V1393
D55504-19 ^a	7V25206.D	1	03/04/14	JL	n/a	n/a	V7V1393

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-22, D55494-23, D55494-24, D55494-25, D55494-26

CAS No.	Compound	D55504-19 ug/l	Spike Q	MS ug/l	MS %	Limits
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CAS No.	Surrogate Recoveries	MS	D55504-19	Limits
17060-07-0	1,2-Dichloroethane-D4	96%	99%	62-130%
2037-26-5	Toluene-D8	106%	107%	70-130%
460-00-4	4-Bromofluorobenzene	92%	90%	69-130%

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

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: D55494
Account: DCPMCOA DCP Midstream, LP
Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D55492-5MS	3V29179.D	1	03/03/14	BR	n/a	n/a	V3V1709
D55492-5MSD	3V29180.D	1	03/03/14	BR	n/a	n/a	V3V1709
D55492-5	3V29178.D	1	03/03/14	BR	n/a	n/a	V3V1709

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-1, D55494-2

CAS No.	Compound	D55492-5 ug/l	Spike Q ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	50	50.7	101	49.2	98	3	62-130/30
100-41-4	Ethylbenzene	ND	50	53.3	107	52.5	105	2	63-130/30
108-88-3	Toluene	ND	50	53.1	106	52.1	104	2	60-130/30
1330-20-7	Xylene (total)	ND	150	161	107	159	106	1	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D55492-5	Limits
17060-07-0	1,2-Dichloroethane-D4	98%	98%	102%	62-130%
2037-26-5	Toluene-D8	105%	105%	104%	70-130%
460-00-4	4-Bromofluorobenzene	92%	92%	89%	69-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: D55494
Account: DCPMCO DN DCP Midstream, LP
Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D55494-18MS	3V29214.D	1	03/04/14	BR	n/a	n/a	V3V1710
D55494-18MSD	3V29215.D	1	03/04/14	BR	n/a	n/a	V3V1710
D55494-18	3V29213.D	1	03/04/14	BR	n/a	n/a	V3V1710

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-3, D55494-4, D55494-5, D55494-6, D55494-7, D55494-8, D55494-9, D55494-10, D55494-11, D55494-12, D55494-13, D55494-14, D55494-15, D55494-16, D55494-17, D55494-18, D55494-20, D55494-21

CAS No.	Compound	D55494-18 ug/l	Spike Q ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	50	52.1	104	51.0	102	2	62-130/30
100-41-4	Ethylbenzene	ND	50	53.9	108	52.9	106	2	63-130/30
108-88-3	Toluene	ND	50	52.9	106	52.0	104	2	60-130/30
1330-20-7	Xylene (total)	ND	150	162	108	159	106	2	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D55494-18	Limits
17060-07-0	1,2-Dichloroethane-D4	101%	97%	103%	62-130%
2037-26-5	Toluene-D8	102%	103%	104%	70-130%
460-00-4	4-Bromofluorobenzene	92%	92%	89%	69-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: D55494
Account: DCPMCO DN DCP Midstream, LP
Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D55494-19MS	3V29233.D	1	03/04/14	BR	n/a	n/a	V3V1711
D55494-19MSD	3V29234.D	1	03/04/14	BR	n/a	n/a	V3V1711
D55494-19	3V29232.D	1	03/04/14	BR	n/a	n/a	V3V1711

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-19, D55494-27, D55494-28, D55494-29, D55494-30, D55494-32, D55494-33, D55494-34, D55494-35, D55494-36, D55494-37, D55494-38, D55494-39, D55494-40, D55494-41

CAS No.	Compound	D55494-19 ug/l	Spike Q ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	50	49.6	99	49.0	98	1	62-130/30
100-41-4	Ethylbenzene	ND	50	52.6	105	51.8	104	2	63-130/30
108-88-3	Toluene	ND	50	51.3	103	51.1	102	0	60-130/30
1330-20-7	Xylene (total)	ND	150	158	105	156	104	1	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D55494-19	Limits
17060-07-0	1,2-Dichloroethane-D4	98%	99%	104%	62-130%
2037-26-5	Toluene-D8	104%	103%	103%	70-130%
460-00-4	4-Bromofluorobenzene	93%	93%	89%	69-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: D55494
Account: DCPMCO DN DCP Midstream, LP
Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D55494-50MS	3V29266.D	25	03/05/14	BR	n/a	n/a	V3V1712
D55494-50MSD	3V29267.D	25	03/05/14	BR	n/a	n/a	V3V1712
D55494-50	3V29265.D	25	03/05/14	BR	n/a	n/a	V3V1712

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-42, D55494-43, D55494-44, D55494-45, D55494-46, D55494-47, D55494-48, D55494-49, D55494-50, D55494-51, D55494-52

CAS No.	Compound	D55494-50 ug/l	Spike Q ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	1430	1250	2620	95	2690	101	3	62-130/30
100-41-4	Ethylbenzene	ND	1250	1300	104	1340	107	3	63-130/30
108-88-3	Toluene	ND	1250	1290	103	1330	106	3	60-130/30
1330-20-7	Xylene (total)	ND	3750	3880	103	3980	106	3	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D55494-50	Limits
17060-07-0	1,2-Dichloroethane-D4	104%	101%	106%	62-130%
2037-26-5	Toluene-D8	104%	105%	105%	70-130%
460-00-4	4-Bromofluorobenzene	95%	92%	88%	69-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: D55494
Account: DCPMCOA DCP Midstream, LP
Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D55504-22MS ^a	6V23666A.D	25	03/06/14	BR	n/a	n/a	V6V1334
D55504-22MSD ^a	6V23667A.D	25	03/06/14	BR	n/a	n/a	V6V1334
D55504-22 ^a	6V23665A.D	25	03/06/14	BR	n/a	n/a	V6V1334

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-31, D55494-51, D55494-52, D55494-53

CAS No.	Compound	D55504-22 ug/l	Spike Q	ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		1250	1270	102	1330	106	5	62-130/30
100-41-4	Ethylbenzene	ND		1250	1310	105	1350	108	3	63-130/30
108-88-3	Toluene	ND		1250	1260	101	1320	106	5	60-130/30
1330-20-7	Xylene (total)	52.2	J	3750	3610	95	3700	97	2	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D55504-22	Limits
17060-07-0	1,2-Dichloroethane-D4	102%	99%	94%	62-130%
2037-26-5	Toluene-D8	92%	94%	97%	70-130%
460-00-4	4-Bromofluorobenzene	105%	104%	99%	69-130%

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

* = Outside of Control Limits.

Duplicate Summary

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Job Number: D55494

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:Eldridge Ranch

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D55510-6DUP	7V25208.D	1	03/04/14	JL	n/a	n/a	V7V1393
D55510-6	7V25207.D	1	03/04/14	JL	n/a	n/a	V7V1393

The QC reported here applies to the following samples:

Method: SW846 8260B

D55494-22, D55494-23, D55494-24, D55494-25, D55494-26

CAS No.	Compound	D55510-6 ug/l	DUP Q ug/l	Q	RPD	Limits
71-43-2	Benzene	ND	ND		nc	30
100-41-4	Ethylbenzene	ND	ND		nc	30
108-88-3	Toluene	ND	ND		nc	30
1330-20-7	Xylene (total)	ND	ND		nc	30

CAS No.	Surrogate Recoveries	DUP	D55510-6	Limits
17060-07-0	1,2-Dichloroethane-D4	99%	100%	62-130%
2037-26-5	Toluene-D8	106%	106%	70-130%
460-00-4	4-Bromofluorobenzene	89%	88%	69-130%

* = Outside of Control Limits.