GW-002

1st Half Semi-Annual Monitoring Report DCP Hobbs Gas Plant

DATE
July 31, 2014

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

August 11, 2014

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

RE: First 2014 Semiannual Groundwater Monitoring Report
Former DCP Lee Gas Plant (GW-002)
Unit N Section 30, Township 17 South, Range 35 East

Dear Mr. Lowe:

DCP Midstream, LP (DCP) is pleased to submit for your review one copy of the First 2014 Semiannual Groundwater Monitoring Report for the Former DCP Lee Gas Plant located in Lea County, New Mexico (Unit N Section 30, Township 17 South, Range 35 East).

If you have any questions regarding the report, please call at 303-605-1695 or e-mail me CECole@dcpmidstream.com .

Sincerely,

DCP Midstream, LP

Chandler E Cole
Senior Environmental Specialist

Enclosure

cc: Tomas Oberding – OCD District Office, Hobbs
Environmental Files

First Half 2014 Semi-Annual Groundwater Monitoring Summary Report

Former Lee Gas Plant
Lea County, New Mexico
GW-002

Prepared for:

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

Prepared by:

6899 Pecos Street, Unit C
Denver, Colorado 80221

July 31, 2014

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1. Introduction

This report summarizes groundwater monitoring and remediation activities conducted during the first half 2014 at the Former Lee Gas Plant (Site) in Lea County, New Mexico (Figure 1). Tasman Geosciences, LLC (Tasman) performed these activities on behalf of DCP Midstream, LP (DCP). The field activities described herein were conducted with the purpose of monitoring groundwater flow and quality conditions and assessing the presence of light non-aqueous phase liquid (LNAPL) hydrocarbons in the Site subsurface. Current Site conditions were evaluated from field data and analytical laboratory results collected on June 4 and 5, 2014. The data collected were used to develop the groundwater elevation map and analytical results figure presented herein.

2. Site Location and Background

The Site is located in the southwest quarter of the southeast quarter of Section 30, Township 17 South, Range 35 East, approximately 0.45 miles southeast of the intersection of US Highway 238 and County Road 50. The approximate field coordinates are 32.800 degrees north and -103.495 degrees west. The area is sparsely populated and land use is primarily associated with livestock grazing and oil and gas production and gathering.

Based on review of historical reports from previous Site investigations, the Site was historically used as a gas processing and compression plant. In 1988, Phillips 66 Natural Gas Company was ordered to install four monitoring wells (MW-1 through MW-4) in accordance with the Resource Conservation and Recovery Act (RCRA). An initial groundwater sampling event took place May 13, 1988, and identified impacts in the location of two former evaporation ponds north and east of the main plant. LNAPL was identified immediately above the water table at an approximate depth of 106 feet below ground surface (bgs). Several additional subsurface investigations were performed to determine the extent of both the free and dissolved phase hydrocarbon plumes, resulting in the installation of monitoring and recovery wells as described below:

- MW-5 through MW-8 and RW-1: Installed May 1990 – LNAPL recovery initiated at RW-1.
- MW-9 through MW-12: Installed October 1990.
- MW-13 and MW-14: Installed March 1991 – MW-7, MW-8, and MW-10 were converted into recovery wells.
- MW-15 through MW-20: Installed February 1992.

Subsequent to installation of the final six wells, quarterly groundwater sampling commenced. In addition, a soil vapor extraction (SVE) and air sparge (AS) system operated between 1993 and 2004. Currently, Site groundwater monitoring wells are sampled on a semi-annual basis.

3. Groundwater Monitoring

This section describes the groundwater field and laboratory activities performed during the first half 2014 monitoring event on June 4 and 5, 2014. Monitoring activities included Site-wide groundwater gauging, LNAPL measurements, and groundwater sampling. Figure 2 illustrates the groundwater monitoring network utilized to perform these activities at the Site.

3.1 Groundwater and LNAPL Elevation Monitoring

Groundwater and LNAPL levels were measured in order to evaluate hydraulic characteristics and provide information regarding seasonal and annual fluctuations in groundwater elevations at the Site. During the reporting period, groundwater levels were measured at twenty-two Site monitoring well locations. LNAPL was detected in the following four locations, with the measured thickness indicated in parenthesis:

- MW-5 (0.51 feet)
- MW-6 (0.19 feet)
- MW-8 (1.37 feet)
- MW-15 (0.48 feet)

Groundwater and LNAPL levels were measured on the north side of the well casing to the nearest 0.01-foot using an oil-water interface probe (IP). Groundwater level data were later converted to elevation (feet above mean sea level [AMSL]). Measured groundwater levels, calculated groundwater elevations, and LNAPL level data 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-southwest. Groundwater elevations ranges, average elevation changes from previous monitoring events, and calculated hydraulic gradients at the Site are summarized in the table below.

Summary of Measured Hydraulic Parameters

	First Half 2014 (06/04/14)
Maximum Elevation (Well ID)	3872.70 (MW-16)
Minimum Elevation (Well ID)	3868.98 (MW-20)
Average Change from Previous Monitoring Event (ft) – All Wells	-0.16
Hydraulic Gradient (ft/ft) / (Well IDs)	0.0026 (MW-16 to MW-20)

3.2 Groundwater Quality Monitoring

Subsequent to recording groundwater level measurements, groundwater samples were collected from fourteen of the twenty-two wells. A minimum of three well casing volumes of groundwater were purged from each monitoring well prior to collection of groundwater samples. Groundwater samples were collected using dedicated polyethylene bailers, placed in clean laboratory-supplied containers for the selected analytical methods, packed in an ice-filled cooler, and maintained at approximately four

degrees Celsius (^{0}C) for transportation to the laboratory. Groundwater samples were shipped under chain-of-custody procedures to ALS Environmental (ALS) laboratory in Houston, Texas, for analysis. Water quality samples were submitted for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) by United States Environmental Protection Agency (USEPA) Method 8260B.

Monitoring wells with detected LNAPL (MW-5, MW-6, MW-8, and MW-15), were not sampled. Wells MW-1 and MW-2 have been removed from the groundwater monitoring program due to a lack of groundwater at these locations. In addition, wells MW-3 and MW-23 did not contain sufficient water during the first half 2014 event to obtain representative samples.

Table 2 summarized BTEX concentrations is groundwater samples collected during the reporting period. Historic analytical results up to and including the June 2014 event are contained in Appendix A, and the laboratory analytical report for the first half 2014 event is included in Appendix B. Analytical results are also displayed on Figure 4.

Benzene was detected at concentrations in excess of the New Mexico Water Quality Control Commission (NMWQCC) groundwater standard of 0.01 milligrams per liter (mg/L) at the following seven locations, and the concentrations listed:

- MW-7: 0.53 mg/L
- MW-9: 7.2 mg/L
- MW-10: 20 mg/L
- MW-12: 8.1 mg/L
- MW-14: 0.90 mg/L
- MW-16: 0.071 mg/L
- MW-21: 1.5 mg/L

No other constituents were detected at concentrations above their respective NMWQCC standard.

3.3 Data Quality Assurance / Quality Control

Data quality assurance / quality control (QA/QC) procedures included the collection and analysis of QA/QC samples, as well as a review of laboratory analytical data for QA/QC compliance. Specifically, the following QA/QC procedures were conducted: a trip blank was collected and submitted for analysis; a matrix spike / matrix spike duplicate (MS/MSD) pair was collected and submitted for analysis; a field duplicate sample from well MW-9 was collected and submitted for analysis; and laboratory data were reviewed for compliance with the analytical method(s) and the associated quality assurance/quality control (QA/QC) procedures.

An evaluation of the QA/QC procedures conducted during the first half 2014 groundwater monitoring event indicated the following:

- Target analytes were not detected in the trip blank;

- The MS/MSD benzene recoveries were outside of control limits; the other MS/MSD analysis, spike recoveries, and relative percent difference (RPD) were within acceptable control limits;
- The duplicate sample collected at MW-9 was in compliance with QA/QC standards. MW-9 and the associated duplicate sample both exhibited benzene concentrations of 7.2 mg/L, yielding an RPD of 0, which is within acceptable control limits;
- Submitted 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; and
- Data were reported using the correct method number and reporting units.

The overall QA/QC assessment of the first half 2014 data indicates that both field precision and overall data precision and accuracy are acceptable, with the exceptions noted above.

4. Remediation Activities

Measureable free phase hydrocarbons were detected during the reporting period in monitoring wells MW-5, MW-6, MW-8, and MW-15 as summarized in Table 2. LNAPL recovery at MW-15 was initiated on September 14, 2013 (second half 2013) using a Magnum Spill Buster. Details regarding Spill Buster implementation were described in the Second Half 2013 Report.

The Spill Buster at MW-15 has operated continuously with minor downtime due to pump cleaning and operational checks.

During the reporting period between December 18, 2013 and June 24, 2014, the Spill Buster removed approximately 122 gallons of LNAPL with an average extraction rate of 0.66 gallons per day (gpd). Since LNAPL recovery was initiated at MW-15, the Spill Buster system has removed a total of approximately 263 gallons of LNAPL. The extracted LNAPL material is subsequently disposed of at the Eunice, New Mexico disposal facility. A summary of LNAPL extraction is provided in the LNAPL Recovery Tank Inspection Log below.

LNAPL Recovery Tank Inspection Log

Date	Total Tank Depth (feet)	Depth to Product (feet)	Depth to Water (feet)	Volume of Product (gallons)	Volume of Water (gallons)	Cumulative Volume of Water & Product (Gallons)	Pump Rate (gallons per day)
Lee Booster Station - MW-15 Well (Spill Buster Installed 9/14/13)							
15-Sep-13	2.05	1.72	- -	16.90	- -	16.90	16.90
16-Sep-13	2.05	1.65	- -	20.48	- -	20.48	3.58
20-Sep-13	2.05	1.34	- -	36.35	- -	36.35	3.97
25-Sep-13	2.05	1.12	- -	47.62	- -	47.62	2.25
4-Oct-13	2.05	0.90	- -	58.88	- -	58.88	1.13
10-Oct-13	2.05	0.70	- -	69.12	- -	69.12	1.71
17-Oct-13	2.05	0.44	- -	82.43	- -	82.43	1.90
25-Oct-13	2.05	0.35	- -	87.04	- -	87.04	0.58
Tank emptied on 10/31/13							
13-Nov-13	2.05	1.84	- -	10.75	- -	97.79	0.83
22-Nov-13	2.05	1.50	- -	28.16	- -	115.20	1.93
4-Dec-13	2.05	1.22	- -	42.50	- -	129.54	1.19
18-Dec-13	2.05	1.00	- -	53.76	- -	140.80	0.94
6-Jan-14	2.05	0.63	- -	72.70	- -	159.74	0.92
23-Jan-14	2.05	0.34	- -	87.55	- -	174.59	0.87
27-Jan-14	2.05	0.32	- -	88.58	- -	175.62	0.26
Tank emptied on 1/27/14							
10-Feb-14	2.05	1.72	- -	16.90	- -	192.51	1.21
25-Apr-14	2.05	0.76	- -	66.05	- -	241.66	0.66
27-May-14	2.05	0.49	- -	79.87	- -	255.49	0.43
2-Jun-14	2.05	0.44	- -	82.43	- -	258.05	0.43
Tank emptied on 6/2/14							
24-Jun-14	2.05	1.95	- -	5.12	- -	263.17	0.23

NOTE: One foot equals 51.22 gallons/ One tenth of a foot equals 5.12 gallons

5. Conclusions

As observed during the first half 2014, measurable thicknesses of LNAPL continue to be observed in four Site monitoring wells. In addition, elevated benzene concentrations persist in several locations across the Site.

Comparison of the first half 2014 monitoring data with historic information provides the following general observations:

- Based on historic groundwater elevations, the potentiometric surface has remained relatively stable with minor seasonal fluctuations.
- During the first half 2014, elevated benzene concentrations were observed in MW-16, however, previous periodic detections are observed at this point and the detection does not necessarily indicate an overall increasing trend.
- Spill Buster operation at MW-15 continues to facilitate LNAPL extraction.

6. Recommendations

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

- Continued semi-annual groundwater sampling to monitor dissolved and free phase petroleum hydrocarbons and asses the effectiveness of remedial strategies. Samples will be collected from locations illustrated on Figure 2 and which have historically been included in the sampling plan.
- Continued operation of the Spill Buster LNAPL recovery system at MW-15 to address free phase petroleum thicknesses in the northern area of the Site.

Tables

TABLE 1
FIRST HALF 2014 SEMI-ANNUAL
SUMMARY OF GROUNDWATER ELEVATION DATA
FORMER LEE GAS PLANT
LEA COUNTY, NEW MEXICO

Location	Date	Depth to Groundwater [1] (feet)	Depth to Product [1] (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth [2] (feet)	TOC Elevation (feet amsl)	Groundwater Elevation [4] (feet amsl)	Change in Groundwater Elevation Since Previous Event [5] (feet)
MW-1	06/04/14	Dry			103.10	3979.21 [3]		
MW-2	06/04/14	Dry			109.96	3980.49 [3]		
MW-3	12/06/12	107.63			108.84	3980.27	3872.64	0.07
MW-3	06/05/13	107.69			108.84	3980.27	3872.58	-0.06
MW-3	12/04/13	107.73			108.84	3980.27	3872.54	-0.04
MW-3	06/04/14	107.73			NM	3980.27	3872.54	0.00
MW-4	NM - Removed from groundwater gauging program.							
MW-5	12/06/12	107.79	107.41	0.38	112.64	3979.82	3872.32	-0.20
MW-5	06/05/13	108.02	107.58	0.44	112.64	3979.82	3872.13	-0.18
MW-5	12/04/13	108.26	107.72	0.54	112.64	3979.82	3871.97	-0.16
MW-5	06/04/14	108.34	107.83	0.51	NM	3979.82	3871.86	-0.10
MW-6	12/06/12	109.22	109.16	0.06	113.20	3981.79	3872.62	-0.14
MW-6	06/05/13	109.43	109.37	0.06	113.20	3981.79	3872.41	-0.21
MW-6	12/04/13	109.55	109.46	0.09	113.20	3981.79	3872.31	-0.10
MW-6	06/04/14	109.76	109.57	0.19	NM	3981.79	3872.17	-0.14
MW-7	12/06/12	107.57			111.67	3978.45	3870.88	-0.22
MW-7	06/04/13	107.51			111.67	3978.45	3870.94	0.06
MW-7	12/04/13	107.86			111.67	3978.45	3870.59	-0.35
MW-7	06/04/14	107.99			NM	3978.45	3870.46	-0.13
MW-8	12/06/12	109.05	108.80	0.25	110.82	3979.96	3871.10	-0.18
MW-8	06/05/13	109.22	108.98	0.24	110.82	3979.96	3870.92	-0.18
MW-8	12/04/13	109.49	109.05	0.44	110.82	3979.96	3870.80	-0.12
MW-8	06/04/14	110.38	109.01	1.37	NM	3979.96	3870.61	-0.19
MW-9	12/07/12	109.21			116.92	3980.17	3870.96	-0.21
MW-9	06/05/13	109.13			116.92	3980.17	3871.04	0.08
MW-9	12/04/13	109.50			116.92	3980.17	3870.67	-0.37
MW-9	06/04/14	109.56			NM	3980.17	3870.61	-0.06
MW-10	12/07/12	108.91			117.41	3979.66	3870.75	-0.20
MW-10	06/05/13	108.88			117.41	3979.66	3870.78	0.03
MW-10	12/04/13	108.25			117.41	3979.66	3871.41	0.63
MW-10	06/04/14	109.28			NM	3979.66	3870.38	-1.03
MW-11	12/06/12	108.04			117.98	3978.50	3870.46	-0.03
MW-11	06/04/13	108.00			117.98	3978.50	3870.50	0.04
MW-11	12/04/13	108.35			117.98	3978.50	3870.15	-0.35
MW-11	06/04/14	108.47			NM	3978.50	3870.03	-0.12
MW-12	12/07/12	108.53			117.35	3978.82	3870.29	-1.26
MW-12	06/05/13	108.54			117.35	3978.82	3870.28	-0.01
MW-12	12/04/13	108.86			117.35	3978.82	3869.96	-0.32
MW-12	06/04/14	108.91			NM	3978.82	3869.91	-0.05
MW-13	12/06/12	110.33			117.27	3980.52	3870.19	-0.23
MW-13	06/04/13	110.31			117.27	3980.52	3870.21	0.02
MW-13	12/04/13	110.58			117.27	3980.52	3869.94	-0.27
MW-13	06/04/14	110.74			NM	3980.52	3869.78	-0.16
MW-14	12/07/12	111.71			118.36	3982.23	3870.52	-0.21
MW-14	06/05/13	111.64			118.36	3982.23	3870.59	0.07
MW-14	12/04/13	111.91			118.36	3982.23	3870.32	-0.27
MW-14	06/04/14	112.09			NM	3982.23	3870.14	-0.18

TABLE 1
FIRST HALF 2014 SEMI-ANNUAL
SUMMARY OF GROUNDWATER ELEVATION DATA
FORMER LEE GAS PLANT
LEA COUNTY, NEW MEXICO

Location	Date	Depth to Groundwater [1] (feet)	Depth to Product [1] (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth [2] (feet)	TOC Elevation (feet amsl)	Groundwater Elevation [4] (feet amsl)	Change in Groundwater Elevation Since Previous Event [5] (feet)
MW-15	12/07/02	NM	NM	NM	122.70	3981.70	NM	NM
MW-15	06/05/13	112.66	108.23	4.43	122.70	3981.70	3872.36	-0.68
MW-15	12/04/13	109.59	109.37	0.22	122.70	3981.70	3872.28	-0.09
MW-15	06/04/14	109.91	109.43	0.48	NM	3981.70	3872.15	-0.12
MW-16	12/06/12	107.62			122.74	3980.80	3873.18	-0.17
MW-16	06/05/13	107.63			122.74	3980.80	3873.17	-0.01
MW-16	12/04/13	107.97			122.74	3980.80	3872.83	-0.34
MW-16	06/04/14	108.10			NM	3980.80	3872.70	-0.13
MW-17	12/06/12	110.11			124.12	3981.80	3871.69	-0.17
MW-17	06/04/13	110.05			124.12	3981.80	3871.75	0.06
MW-17	12/04/13	110.37			124.12	3981.80	3871.43	-0.32
MW-17	06/04/14	110.49			NM	3981.80	3871.31	-0.12
MW-18	12/06/12	111.43			125.42	3983.10	3871.67	-0.17
MW-18	06/04/13	111.36			125.42	3983.10	3871.74	0.07
MW-18	12/04/13	111.72			125.42	3983.10	3871.38	-0.36
MW-18	06/04/14	111.81			NM	3983.10	3871.29	-0.09
MW-19	12/06/12	111.33			126.56	3980.80	3869.47	-0.18
MW-19	06/04/13	111.22			126.56	3980.80	3869.58	0.11
MW-19	12/04/13	111.64			126.56	3980.80	3869.16	-0.42
MW-19	06/04/14	111.72			NM	3980.80	3869.08	-0.08
MW-20	12/06/12	113.95			128.22	3983.30	3869.35	-0.10
MW-20	06/04/13	113.81			128.22	3983.30	3869.49	0.14
MW-20	12/04/13	114.30			128.22	3983.30	3869.00	-0.49
MW-20	06/04/14	114.32			NM	3983.30	3868.98	-0.02
MW-21	12/07/12	110.15			123.59	NM	NM	NA
MW-21	06/05/13	110.22			123.59	NM	NM	NA
MW-21	12/04/13	110.46			123.59	NM	NM	NA
MW-21	06/04/14	110.63			NM	3981.5 [3]	3870.87	NA
MW-22	12/06/12	109.86			148.62	NM	NM	NA
MW-22	06/05/13	109.90			148.62	NM	NM	NA
MW-22	12/04/13	110.16			148.62	NM	NM	NA
MW-22	06/04/14	110.30			NM	3981.15 [3]	3870.85	NA
MW-23	06/04/14	Dry			NM	3980.54 [3]	NA	NA
							Average change in groundwater elevation (12/4/13 to 6/4/14)	-0.16

Notes:

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

2- Total depths were not recorded during the first half semi-annual 2014 monitoring event.

3- TOC elevations for MW-1, MW-2, MW-21, MW-22, and MW-23 were calculated relative to the historic MW-7 TOC elevation based on a transit survey conducted on 6/4/14.

4- For wells that contained LNAPL, 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 is assumed to be approximately 0.75

5- 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 four recent monitoring events. Additional historic elevation data are available on request.

amsl - feet above mean sea level.

TOC - top of casing

NM - not measured

TABLE 2
FIRST HALF 2014 SEMI-ANNUAL
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
FORMER LEE GAS PLANT
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		**0.01 (mg/l)**	**0.75 (mg/l)**	**0.75 (mg/l)**	**0.62 (mg/l)**	
MW-3	06/04/14	NS	NS	NS	NS	Insufficient Water
MW-5	06/04/14	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL Present - No Sample Collected
MW-6	06/04/14	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL Present - No Sample Collected
MW-7	06/04/14	**0.53**	<0.001	0.026	0.012	
MW-8	06/04/14	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL Present - No Sample Collected
MW-9	06/05/14	**7.2**	<0.01	0.53	0.12	Duplicate sample collected
MW-9 (Duplicate)	06/05/14	**7.2**	<0.01	0.53	0.12	
MW-10	06/05/14	**20**	<0.01	0.55	<0.01	
MW-11	06/04/14	<0.001	<0.001	<0.001	<0.001	
MW-12	06/04/14	**8.1**	<0.001	0.0038	0.0015	
MW-13	06/04/14	<0.001	<0.001	<0.001	<0.001	
MW-14	06/04/14	**0.90**	<0.001	0.0052	0.0067	
MW-15	06/04/14	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL Present - No Sample Collected
MW-16	06/04/14	**0.071**	0.0014	0.0019	0.0039	
MW-17	06/04/14	<0.001	<0.001	<0.001	<0.001	
MW-18	06/04/14	<0.001	<0.001	<0.001	<0.001	
MW-19	06/04/14	<0.001	<0.001	<0.001	<0.001	
MW-20	06/04/14	<0.001	<0.001	<0.001	<0.001	
MW-21	06/04/14	**1.5**	<0.001	0.18	0.10	
MW-22	06/04/15	<0.001	<0.001	<0.001	<0.001	
MW-23	06/04/15	NS	NS	NS	NS	Insufficient Water
Trip Blank	06/04/14	<0.001	<0.001	<0.001	<0.001	

Notes:

1.) 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.

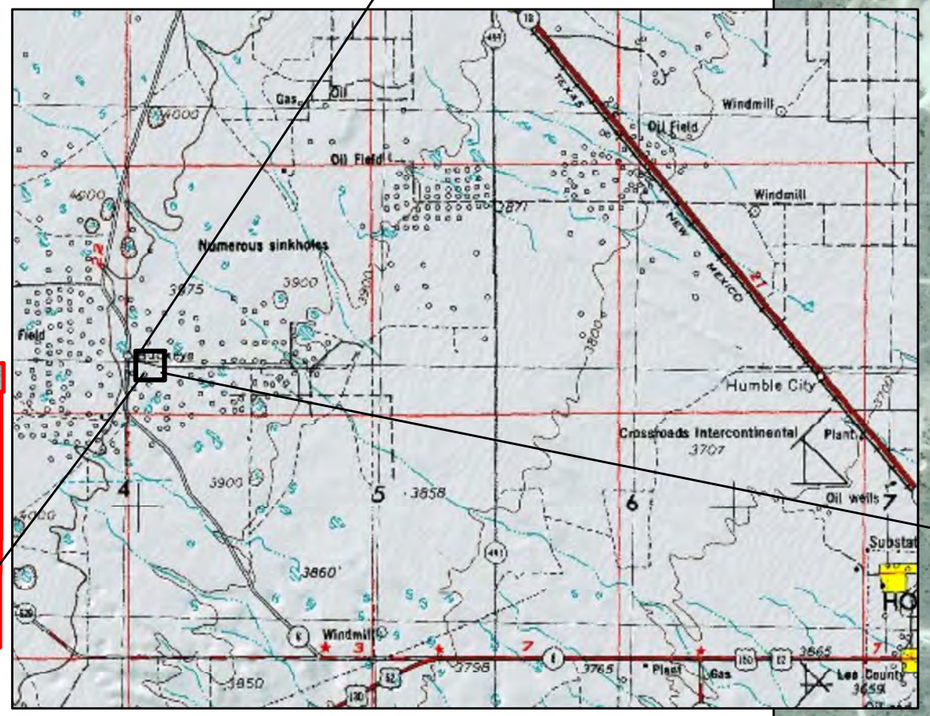
LNAPL = Light Non-Aqueous Phase Liquid

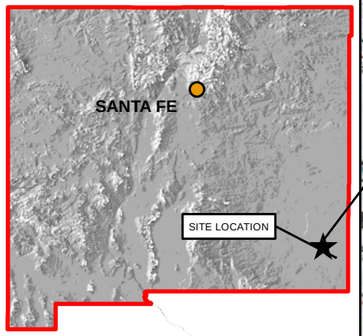
NS = Not sampled.

mg/L = milligrams per liter.

Figures

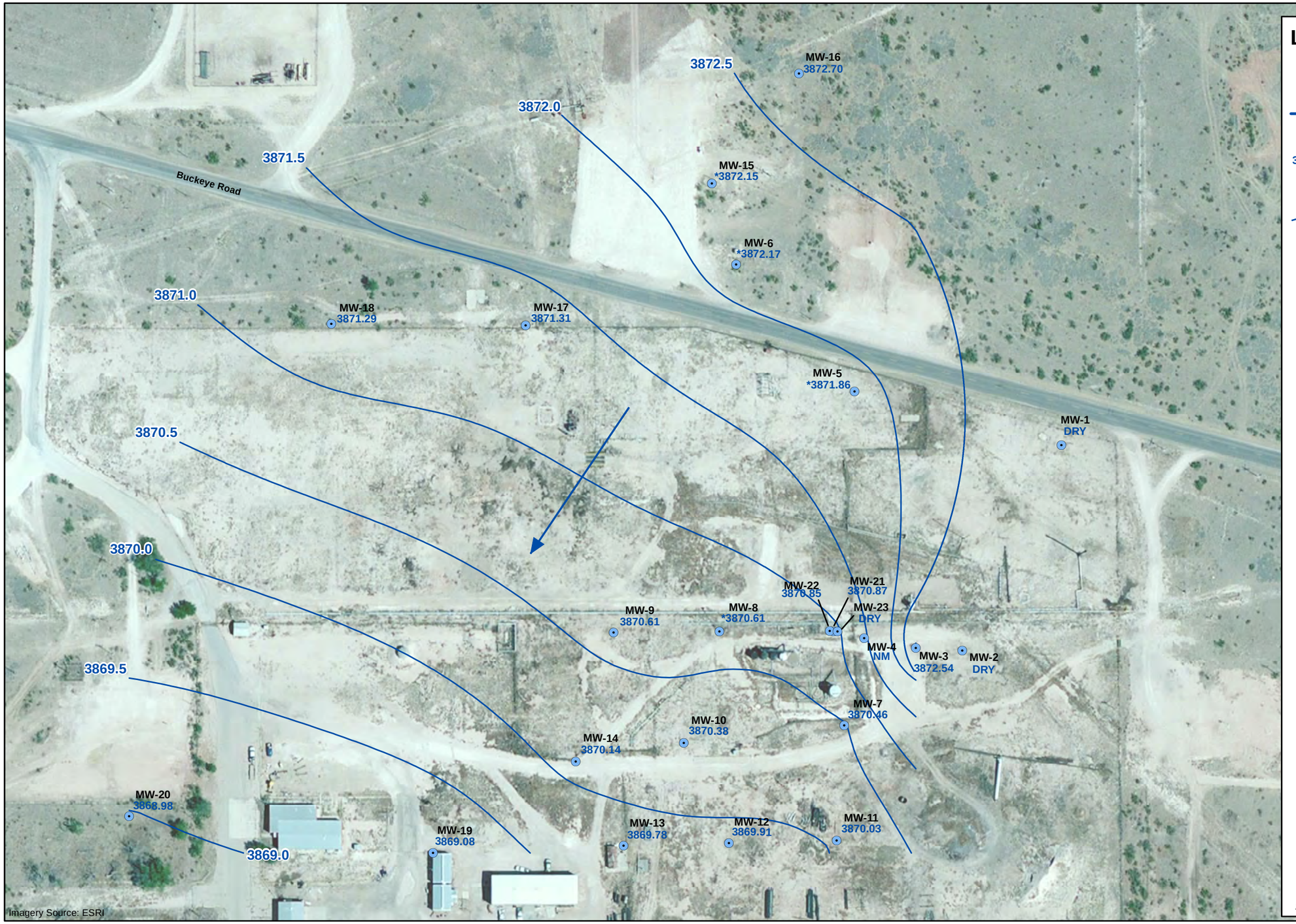
N





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** **Former Lee Gas Plant** SW 1/4, SE 1/4, Section 30, Township 17 South, Range 35 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** **Former Lee Gas Plant** First Half 2014 Semi-Annual Groundwater Monitoring Summary Report	Site Map with Monitoring Well Locations	Figure 2



Legend

- Monitoring Well
- Groundwater Elevation Contour Line (feet AMSL), Dashed Where Inferred.
- 3871.38 — Measured Groundwater Elevation Contour (feet AMSL)
- Groundwater Flow Direction

Notes:

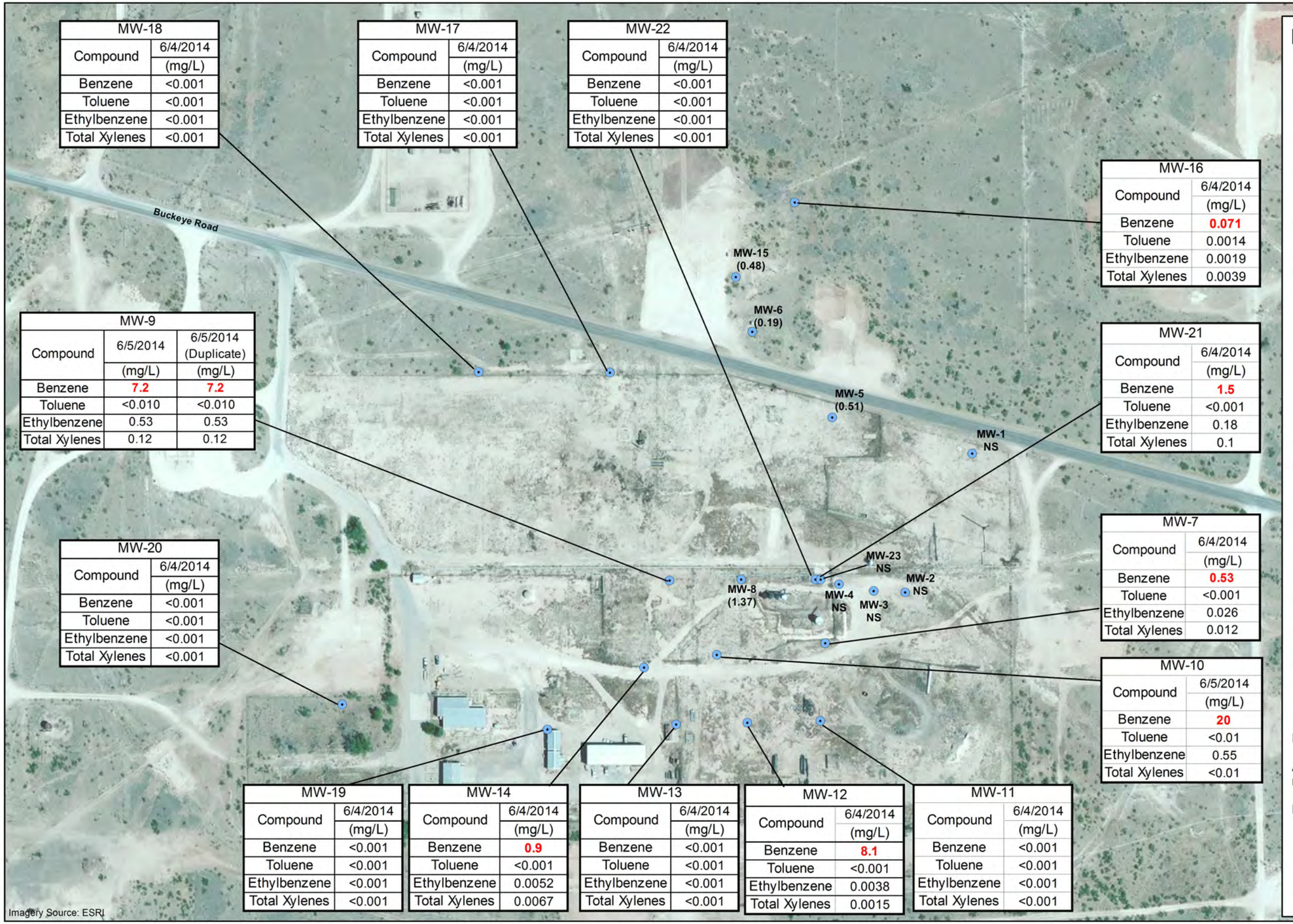
* - The groundwater elevation value was corrected due to the presence of NAPL as follows: (Measured Groundwater Elevation) + (NAPL thickness * NAPL Relative Density of 0.75)

AMSL - Above Mean Sea Level

N

0 70 140 Feet

DATE: June 2014 DESIGNED BY: T. Johansen DRAWN BY: D. Arnold	Tasman Geosciences, LLC 6899 Pecos Street - Unit C Denver, CO 80221	**DCP Midstream** **Former Lee Gas Plant** First Half 2014 Semi-Annual Groundwater Monitoring Summary Report	Goundwater Elevation Contour Map (June 4, 2014)	Figure 3



MW-18	
Compound	6/4/2014 (mg/L)
Benzene	<0.001
Toluene	<0.001
Ethylbenzene	<0.001
Total Xylenes	<0.001

MW-17	
Compound	6/4/2014 (mg/L)
Benzene	<0.001
Toluene	<0.001
Ethylbenzene	<0.001
Total Xylenes	<0.001

MW-22	
Compound	6/4/2014 (mg/L)
Benzene	<0.001
Toluene	<0.001
Ethylbenzene	<0.001
Total Xylenes	<0.001

MW-16	
Compound	6/4/2014 (mg/L)
Benzene	**0.071**
Toluene	0.0014
Ethylbenzene	0.0019
Total Xylenes	0.0039

MW-9		
Compound	6/5/2014 (mg/L)	6/5/2014 (Duplicate) (mg/L)
Benzene	**7.2**	**7.2**
Toluene	<0.010	<0.010
Ethylbenzene	0.53	0.53
Total Xylenes	0.12	0.12

MW-21	
Compound	6/4/2014 (mg/L)
Benzene	**1.5**
Toluene	<0.001
Ethylbenzene	0.18
Total Xylenes	0.1

MW-7	
Compound	6/4/2014 (mg/L)
Benzene	**0.53**
Toluene	<0.001
Ethylbenzene	0.026
Total Xylenes	0.012

MW-20	
Compound	6/4/2014 (mg/L)
Benzene	<0.001
Toluene	<0.001
Ethylbenzene	<0.001
Total Xylenes	<0.001

MW-10	
Compound	6/5/2014 (mg/L)
Benzene	**20**
Toluene	<0.01
Ethylbenzene	0.55
Total Xylenes	<0.01

MW-19	
Compound	6/4/2014 (mg/L)
Benzene	<0.001
Toluene	<0.001
Ethylbenzene	<0.001
Total Xylenes	<0.001

MW-14	
Compound	6/4/2014 (mg/L)
Benzene	**0.9**
Toluene	<0.001
Ethylbenzene	0.0052
Total Xylenes	0.0067

MW-13	
Compound	6/4/2014 (mg/L)
Benzene	<0.001
Toluene	<0.001
Ethylbenzene	<0.001
Total Xylenes	<0.001

MW-12	
Compound	6/4/2014 (mg/L)
Benzene	**8.1**
Toluene	<0.001
Ethylbenzene	0.0038
Total Xylenes	0.0015

MW-11	
Compound	6/4/2014 (mg/L)
Benzene	<0.001
Toluene	<0.001
Ethylbenzene	<0.001
Total Xylenes	<0.001

Legend

- Monitoring Well
- **(0.51)** Measured LNAPL Thickness
- **NS** Not Sampled

NMWQCC Groundwater Standards	
Compound	(mg/L)
Benzene	0.01
Toluene	0.75
Ethylbenzene	0.75
Total Xylenes	0.62

Notes:

All aqueous analytical results are presented in milligrams per liter (mg/L)

LNAPL - Light Non- Aqueous Phase Liquid

N

0 105 210 Feet

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
Former Lee Gas Plant
First Half 2014 Semi-Annual Groundwater Monitoring Summary Report

Analytical Results Map (June 4 - 5, 2014)

Figure 4

Appendix A

Historic Analytical Data

APPENDIX A
HISTORIC ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
FORMER LEE GAS PLANT
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	03/01/08	**1.4**	0.0395	**0.948**	0.128	
MW-1	06/01/08	**2.75**	0.054	**2.17**	0.232	
MW-1	09/01/08	**1.1**	0.0375	**0.845**	0.131	
MW-1	12/01/08	**0.869**	0.0385	0.581	0.0709	
MW-1	03/01/09	**0.288**	0.0149	0.107	0.0395	
MW-1	05/01/09	**1.38**	0.0705	0.175	0.065	
MW-1	09/01/09	**0.267**	0.024	0.0332	0.0078	
MW-1	12/2009	**0.819**	0.088	0.0267	0.012	
MW-1	03/01/10	**0.726**	0.0879	0.107	0.0278	
MW-1	NA	NS	NS	NS	NS	Removed from sampling plan
MW-2	03/01/08	**8.98**	0.135	**6.58**	**0.765**	
MW-2	06/01/08	**24.3**	0.319	**18.5**	**2.58**	
MW-2	09/01/08	**21.7**	0.443	**9.79**	**4.25**	
MW-2	12/01/08	Not Sampled: Remediation Activities				
MW-2	03/01/09	**23.7**	0.538	**2.34**	**1.25**	
MW-2	05/01/09	**32.7**	**0.791**	**1.31**	**1.69**	
MW-2	09/01/09	**29.3**	0.491	**0.771**	0.371	
MW-2	12/01/09	**28.5**	0.57	0.347	0.177	
MW-2	03/01/10	**23.8**	0.529	0.71	<1.2	
MW-2	NA	NS	NS	NS	NS	Removed from sampling plan
MW-3	09/27/05	<0.47	<0.54	<0.48	<2.0	
MW-3	12/21/06	<0.23	<0.54	<0.48	<1.1	
MW-3	03/01/08	NS	NS	NS	NS	
MW-3	06/01/08	NS	NS	NS	NS	
MW-3	09/01/08	NS	NS	NS	NS	
MW-3	12/01/08	NS	NS	NS	NS	
MW-3	03/01/09	NS	NS	NS	NS	
MW-3	05/01/09	NS	NS	NS	NS	
MW-3	09/01/09	NS	NS	NS	NS	
MW-3	12/01/09	NS	NS	NS	NS	
MW-3	03/01/10	NS	NS	NS	NS	
MW-3	03/29/10	NS	NS	NS	NS	
MW-3	09/24/10	NS	NS	NS	NS	
MW-3	06/03/11	NS	NS	NS	NS	
MW-3	12/15/11	NS	NS	NS	NS	
MW-3	06/07/12	NS	NS	NS	NS	
MW-3	12/06/12	NS	NS	NS	NS	
MW-3	06/05/13	NS	NS	NS	NS	
MW-3	12/04/13	NS	NS	NS	NS	
MW-3	06/04/14	NS	NS	NS	NS	Insufficient Water

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BTEX CONCENTRATIONS IN GROUNDWATER
FORMER LEE GAS PLANT
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-4	12/21/06	**0.03**	0.0058	<0.48	0.0075	
MW-4	12/01/09	NS	NS	NS	NS	
MW-4	06/01/08	NS	NS	NS	NS	
MW-4	09/01/08	NS	NS	NS	NS	
MW-4	12/01/08	NS	NS	NS	NS	
MW-4	03/01/09	NS	NS	NS	NS	
MW-4	05/01/09	NS	NS	NS	NS	
MW-4	09/01/09	NS	NS	NS	NS	
MW-4	12/01/09	NS	NS	NS	NS	
MW-4	03/01/10	NS	NS	NS	NS	
MW-4	NA	NS	NS	NS	NS	Removed from sampling plan
MW-5	03/01/08	NS	NS	NS	NS	
MW-5	03/29/10	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	09/24/10	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	06/03/11	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	12/15/11	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	06/07/12	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	12/06/12	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	06/05/13	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	12/04/13	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	06/04/14	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6	12/21/06	<0.23	<0.54	<0.48	<1.1	
MW-6	03/29/10	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6	09/24/10	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6	06/03/11	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6	12/15/11	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6	12/06/12	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6	06/07/12	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6	06/05/13	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6	12/04/13	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6	06/04/14	LNAPL	LNAPL	LNAPL	LNAPL	

APPENDIX A
HISTORIC ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
FORMER LEE GAS PLANT
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-7	09/24/04	<1.0	0.0012	0.0017	<2.0	
MW-7	09/27/05	0.001	<0.54	0.0025	<2.0	
MW-7	09/15/06	**0.74**	<0.54	0.0056	0.0086	
MW-7	12/21/06	<0.23	<0.54	<0.48	<1.1	
MW-7	09/20/07	**0.864**	<0.00054	0.006	0.0137	
MW-7	09/17/09	**5.75**	0.0018	0.002	0.0018	
MW-7	03/29/10	**4.98**	0.0017	0.0146	0.0088	
MW-7	03/29/10	**4.98**	0.0017	0.0146	0.0088	
MW-7	09/23/10	**0.976**	0.00057	0.0083	<0.0017	
MW-7	09/24/10	**0.976**	0.00057	0.0083	<0.0017	
MW-7	06/03/11	<0.001	<0.002	<0.002	<0.004	
MW-7	06/03/11	<0.00025	<0.0010	<0.00050	<0.0020	
MW-7	12/15/11	0.0013	<0.002	<0.002	<0.004	
MW-7	06/07/12	**0.037**	<0.005	<0.005	<0.015	
MW-7	12/06/12	<0.001	<0.001	<0.001	<0.003	
MW-7	06/04/13	0.0062	<0.001	<0.001	<0.001	
MW-7	12/04/13	**0.2**	<0.001	0.0073	0.01	
MW-7	06/04/14	**0.53**	<0.001	0.026	0.012	
MW-8	12/21/06	<0.23	<0.54	<0.48	<1.1	
MW-8	03/29/10	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8	09/24/10	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8	06/03/11	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8	12/15/11	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8	06/07/12	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8	12/06/12	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8	06/05/13	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8	12/04/13	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8	06/04/14	LNAPL	LNAPL	LNAPL	LNAPL	

APPENDIX A
HISTORIC ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
FORMER LEE GAS PLANT
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-9	09/23/04	**2.4**	<1.0	0.013	0.0027	
MW-9	09/27/05	**3.4**	<0.54	0.053	0.0096	
MW-9	09/15/06	**10.9**	<0.54	-	0.025	
MW-9	09/20/07	**22.6**	<0.00054	0.27	0.0834	
MW-9	09/17/09	**10.2**	<0.00043	0.212	0.0351	
MW-9	03/29/10	**0.376**	<0.002	0.0016	<0.006	
MW-9	03/29/10	**0.376**	<0.00043	0.0016	<0.0017	
MW-9	09/23/10	**0.0167**	<0.00043	0.0008	<0.0017	
MW-9	09/24/10	**0.0167**	<0.002	0.0008	<0.0017	
MW-9	06/03/11	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	12/16/11	**12.5**	<0.40	0.390	<0.80	
MW-9	06/07/12	**13.0**	0.44	<0.025	<0.075	
MW-9	12/07/12	**13.0**	0.89	<0.050	0.28	Duplicate sample collected
MW-9	06/05/13	**16.0**	<0.010	0.96	0.38	Duplicate sample collected
MW-9	12/04/13	**9.4**	<0.010	0.61	0.025	Duplicate sample collected
MW-9	06/05/14	**7.2**	<0.01	0.53	0.12	Duplicate sample collected
MW-9 (Duplicate)	06/05/14	**7.2**	<0.01	0.53	0.12	
MW-10	09/24/04	**0.022**	<1.0	<1.0	<2.0	
MW-10	09/27/05	0.0032	<0.54	<0.48	<2.0	
MW-10	09/15/06	0.0025	<0.54	<0.48	<1.1	
MW-10	09/20/07	**3.67**	<0.00054	0.0016	<0.0011	
MW-10	09/17/09	**3.58**	<0.00043	0.0411	<0.0017	
MW-10	03/29/10	**0.192**	<0.002	0.00095	<0.006	
MW-10	03/29/10	**0.192**	<0.00043	0.00095	<0.0017	
MW-10	09/24/10	**12.2**	<0.002	0.0723	0.0026	
MW-10	09/24/10	**12.2**	<0.00043	0.0723	0.0026	
MW-10	06/03/11	<0.001	<0.002	<0.002	<0.004	
MW-10	06/03/11	<0.00025	<0.0010	<0.00050	<0.0020	
MW-10	12/15/11	**12.5**	<0.40	0.204	<0.80	
MW-10	06/07/12	**29.0**	0.19	<0.05	<0.15	
MW-10	12/07/12	**27.0**	0.23	<0.050	<0.15	
MW-10	06/05/13	**26.0**	<0.010	0.33	<0.010	
MW-10	12/04/13	**19.0**	<0.010	0.3	<0.01	
MW-10	06/05/14	**20**	<0.01	0.55	<0.01	

APPENDIX A
HISTORIC ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
FORMER LEE GAS PLANT
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-11	09/23/04	<1.0	<1.0	<1.0	<2.0	
MW-11	03/14/05	<1.0	<1.0	<1.0	<2.0	
MW-11	09/26/05	<0.47	<0.54	<0.48	<2.0	
MW-11	03/02/06	<0.47	<0.54	<0.48	<2.0	
MW-11	09/14/06	<0.23	<0.54	<0.48	<1.1	
MW-11	03/28/07	<0.00023	<0.00054	<0.00048	<0.0011	
MW-11	09/20/07	<0.00023	<0.00054	<0.00048	<0.0011	
MW-11	03/20/08	<0.00046	<0.00048	<0.00045	<0.0014	
MW-11	03/11/09	<0.00046	<0.00048	<0.00045	<0.0014	
MW-11	09/18/09	<0.00050	<0.00043	<0.00055	<0.0017	
MW-11	03/29/10	<0.002	<0.002	<0.002	<0.006	
MW-11	03/29/10	<0.00050	<0.00043	<0.00055	<0.0017	
MW-11	09/24/10	<0.002	<0.002	<0.002	<0.006	
MW-11	09/24/10	<0.00050	<0.00043	<0.00055	<0.0017	
MW-11	06/03/11	<0.001	<0.002	<0.002	<0.004	
MW-11	06/03/11	<0.00025	<0.0010	<0.00050	<0.0020	
MW-11	12/15/11	<0.001	<0.002	<0.002	<0.004	
MW-11	06/08/12	<0.005	<0.005	<0.005	<0.015	
MW-11	12/06/12	<0.001	<0.001	<0.001	<0.003	
MW-11	06/04/13	<0.001	<0.001	<0.001	<0.001	
MW-11	12/04/13	<0.001	<0.001	<0.001	<0.001	
MW-11	06/04/14	<0.001	<0.001	<0.001	<0.001	
MW-12	09/23/04	<1.0	<1.0	<1.0	<2.0	
MW-12	03/14/05	<1.0	<1.0	<1.0	<2.0	
MW-12	09/26/05	<0.47	<0.54	<0.48	<2.0	
MW-12	03/02/06	<0.47	<0.54	<0.48	<2.0	
MW-12	09/14/06	<0.23	<0.54	<0.48	<1.1	
MW-12	03/28/07	<0.00023	<0.00054	<0.00048	<0.0011	
MW-12	09/20/07	<0.00023	<0.00054	<0.00048	<0.0011	
MW-12	03/20/08	<0.00046	0.00065	<0.00045	<0.0014	
MW-12	11/10/08	<0.00046	<0.00048	<0.00045	<0.0014	
MW-12	03/11/09	<0.00046	<0.00048	<0.00045	<0.0014	
MW-12	09/18/09	<0.00050	<0.00043	<0.00055	<0.0017	
MW-12	03/29/10	<0.002	<0.002	<0.002	<0.006	
MW-12	03/29/10	<0.00050	<0.00043	<0.00055	<0.0017	
MW-12	09/24/10	<0.002	<0.002	<0.002	<0.006	
MW-12	09/24/10	<0.00050	<0.00043	<0.00055	<0.0017	
MW-12	06/03/11	<0.001	<0.002	<0.002	<0.004	
MW-12	06/03/11	<0.00025	<0.0010	<0.00050	<0.0020	
MW-12	12/16/11	<0.001	<0.002	<0.002	<0.004	
MW-12	06/07/12	**0.74**	<0.005	<0.005	<0.015	
MW-12	12/07/12	**5.5**	0.0086	<0.005	<0.015	
MW-12	06/05/13	**4.3**	<0.005	<0.005	<0.005	
MW-12	12/04/13	**3.7**	<0.0010	0.0011	<0.001	
MW-12	06/04/14	**8.1**	<0.001	0.0038	0.0015	

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BTEX CONCENTRATIONS IN GROUNDWATER
FORMER LEE GAS PLANT
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-13	09/23/04	<1.0	<1.0	<1.0	<2.0	
MW-13	03/14/05	<1.0	<1.0	<1.0	<2.0	
MW-13	09/26/05	<0.47	<0.54	<0.48	<2.0	
MW-13	03/02/06	<0.47	<0.54	<0.48	<2.0	
MW-13	09/14/06	<0.23	<0.54	<0.48	<1.1	
MW-13	03/28/07	<0.00023	<0.00054	<0.00048	<0.0011	
MW-13	09/20/07	0.00092	<0.00054	<0.00048	<0.0011	
MW-13	03/20/08	<0.00046	0.0005	<0.00045	<0.0014	
MW-13	03/11/09	<0.00046	<0.00048	<0.00045	<0.0014	
MW-13	09/18/09	<0.00050	<0.00043	<0.00055	<0.0017	
MW-13	03/29/10	<0.002	<0.002	<0.002	<0.006	
MW-13	03/29/10	<0.00050	<0.00043	<0.00055	<0.0017	
MW-13	09/24/10	<0.002	<0.002	<0.002	<0.006	
MW-13	09/24/10	<0.00050	<0.00043	<0.00055	<0.0017	
MW-13	06/03/11	<0.001	<0.002	<0.002	<0.004	
MW-13	06/03/11	<0.00025	<0.0010	<0.00050	<0.0020	
MW-13	12/16/11	<0.001	<0.002	<0.002	<0.004	
MW-13	06/07/12	<0.005	<0.005	<0.005	<0.015	
MW-13	12/06/12	<0.001	<0.001	<0.001	<0.003	
MW-13	06/04/13	0.0022	<0.001	<0.001	<0.001	
MW-13	12/04/13	<0.001	<0.001	<0.001	<0.001	
MW-13	06/04/14	<0.001	<0.001	<0.001	<0.001	
MW-14	09/23/04	<1.0	<1.0	<1.0	<2.0	
MW-14	09/27/05	0.0017	<0.54	<0.48	<2.0	
MW-14	09/15/06	**0.14**	<0.54	0.003	<1.1	
MW-14	09/20/07	0.003	<0.00054	<0.00048	<0.0011	
MW-14	09/18/09	<0.00050	<0.00043	<0.00055	<0.0017	
MW-14	03/29/10	NS	NS	NS	NS	
MW-14	09/24/10	<0.002	<0.002	<0.002	<0.006	
MW-14	09/24/10	<0.00050	<0.00043	<0.00055	<0.0017	
MW-14	06/03/11	NS	NS	NS	NS	
MW-14	12/15/11	**0.231**	<0.002	0.0095	<0.004	
MW-14	06/07/12	<0.005	<0.005	<0.005	<0.015	
MW-14	12/07/12	0.0024	<0.001	<0.001	<0.003	
MW-14	06/05/13	0.0019	<0.001	<0.001	<0.001	
MW-14	12/04/13	**0.44**	<0.001	<0.001	<0.001	
MW-14	06/04/14	**0.90**	<0.001	0.0052	0.0067	

APPENDIX A
HISTORIC ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
FORMER LEE GAS PLANT
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-15	03/29/10	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15	09/24/10	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15	06/03/11	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15	12/15/11	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15	06/07/12	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15	12/06/12	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15	06/05/13	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15	12/04/13	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15	06/04/14	LNAPL	LNAPL	LNAPL	LNAPL	
MW-16	09/23/04	**0.012**	<1.0	<1.0	<2.0	
MW-16	09/26/05	**0.016**	<0.54	<0.48	<2.0	
MW-16	09/14/06	**0.2**	0.0097	0.0035	0.0078	
MW-16	09/20/07	**0.0309**	0.0014	0.00053	0.0018	
MW-16	09/18/09	<0.00050	<0.00043	<0.00055	<0.0017	
MW-16	03/29/10	NS	NS	NS	NS	
MW-16	09/23/10	<0.00050	<0.00043	<0.00055	<0.0017	
MW-16	09/24/10	<0.002	<0.002	<0.002	<0.006	
MW-16	06/03/11	NS	NS	NS	NS	
MW-16	12/15/11	<0.001	<0.002	<0.002	<0.004	
MW-16	06/08/12	<0.005	<0.005	<0.005	<0.015	
MW-16	12/06/12	**0.051**	0.0013	0.0027	<0.003	
MW-16	06/05/13	0.0086	<0.001	<0.001	<0.001	
MW-16	12/04/13	0.078	0.0029	0.0028	0.0032	
MW-16	06/04/14	**0.071**	0.0014	0.0019	0.0039	
MW-17	09/23/04	<1.0	<1.0	<1.0	<2.0	
MW-17	09/26/05	0.0018	<0.54	<0.48	<2.0	
MW-17	09/14/06	<0.23	<0.54	<0.48	<1.1	
MW-17	09/20/07	**0.0118**	<0.00054	<0.00048	<0.0011	
MW-17	09/18/09	<0.00050	<0.00043	<0.00055	<0.0017	
MW-17	03/29/10	NS	NS	NS	NS	
MW-17	09/23/10	<0.00050	<0.00043	<0.00055	<0.0017	
MW-17	09/24/10	<0.002	<0.002	<0.002	<0.006	
MW-17	06/03/11	NS	NS	NS	NS	
MW-17	12/15/11	<0.001	<0.002	<0.002	<0.004	
MW-17	06/07/12	<0.005	<0.005	<0.005	<0.015	
MW-17	12/06/12	<0.001	<0.001	<0.001	<0.003	
MW-17	06/04/13	<0.001	<0.001	<0.001	<0.001	
MW-17	12/04/13	0.0014	<0.001	<0.001	<0.001	
MW-17	06/04/14	<0.001	<0.001	<0.001	<0.001	

APPENDIX A
HISTORIC ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
FORMER LEE GAS PLANT
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-18	09/23/04	<1.0	<1.0	<1.0	<2.0	
MW-18	09/26/05	<0.47	<0.54	<0.48	<2.0	
MW-18	09/14/06	<0.23	<0.54	<0.48	<1.1	
MW-18	09/20/07	<0.00023	<0.00054	<0.00048	<0.0011	
MW-18	09/17/09	<0.00050	<0.00043	<0.00055	<0.0017	
MW-18	03/29/10	NS	NS	NS	NS	
MW-18	09/24/10	<0.002	<0.002	<0.002	<0.006	
MW-18	09/24/10	<0.00050	<0.00043	<0.00055	<0.0017	
MW-18	06/03/11	NS	NS	NS	NS	
MW-18	12/16/11	<0.001	<0.002	<0.002	<0.004	
MW-18	06/07/12	<0.005	<0.005	<0.005	<0.015	
MW-18	12/06/12	<0.001	<0.001	<0.001	<0.003	
MW-18	06/04/13	<0.001	<0.001	<0.001	<0.001	
MW-18	12/04/13	<0.001	<0.001	<0.001	<0.001	
MW-18	06/04/14	<0.001	<0.001	<0.001	<0.001	
MW-19	09/23/04	<1.0	<1.0	<1.0	<2.0	
MW-19	03/14/05	<1.0	<1.0	<1.0	<2.0	
MW-19	09/26/05	<0.47	<0.54	<0.48	<2.0	
MW-19	03/02/06	<0.47	<0.54	<0.48	<2.0	
MW-19	09/14/06	<0.23	<0.54	<0.48	<1.1	
MW-19	03/28/07	<0.00023	<0.00054	<0.00048	<0.0011	
MW-19	09/20/07	0.001	<0.00054	<0.00048	<0.0011	
MW-19	03/20/08	<0.00046	0.00061	<0.00045	<0.0014	
MW-19	03/11/09	<0.00046	<0.00048	<0.00045	<0.0014	
MW-19	09/17/09	<0.00050	<0.00043	<0.00055	<0.0017	
MW-19	03/29/10	<0.002	<0.002	<0.002	<0.006	
MW-19	03/29/10	<0.00050	<0.00043	<0.00055	<0.0017	
MW-19	09/24/10	<0.00050	<0.00043	<0.00055	<0.0017	
MW-19	09/24/10	<0.002	<0.002	<0.002	<0.006	
MW-19	09/24/10	<0.00050	<0.00043	<0.00055	<0.0017	
MW-19	06/03/11	<0.001	<0.002	<0.002	<0.004	
MW-19	06/03/11	<0.00025	<0.0010	<0.00050	<0.0020	
MW-19	12/16/11	<0.001	<0.002	<0.002	<0.004	
MW-19	06/07/12	<0.005	<0.005	<0.005	<0.015	
MW-19	12/06/12	<0.001	<0.001	<0.001	<0.003	
MW-19	06/04/13	<0.001	<0.001	<0.001	<0.001	
MW-19	12/04/13	<0.001	<0.001	<0.001	<0.001	
MW-19	06/04/14	<0.001	<0.001	<0.001	<0.001	

APPENDIX A
HISTORIC ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
FORMER LEE GAS PLANT
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-20	09/23/04	<11	<11	<11	<22	
MW-20	03/14/05	<1.0	<1.0	<1.0	<2.0	
MW-20	09/26/05	<0.47	<0.54	<0.48		
MW-20	03/02/06	<0.47	<0.54	<0.48	<2.0	
MW-20	09/14/06	<0.23	<0.54	0.0023	<1.1	
MW-20	03/28/07	<0.00023	<0.00054	<0.00048	<0.0011	
MW-20	09/20/07	<0.00023	<0.00054	<0.00048	<0.0011	
MW-20	03/20/08	<0.00046	<0.00048	<0.00045	<0.0014	
MW-20	03/11/09	<0.00046	<0.00048	<0.00045	<0.0014	
MW-20	09/17/09	<0.00050	<0.00043	<0.00055	<0.0017	
MW-20	03/29/10	<0.002	<0.002	<0.002	<0.006	
MW-20	03/29/10	<0.00050	<0.00043	<0.00055	<0.0017	
MW-20	09/24/10	<0.00050	<0.00043	<0.00055	<0.0017	
MW-20	09/24/10	<0.002	<0.002	<0.002	<0.006	
MW-20	09/24/10	<0.00050	<0.00043	<0.00055	<0.0017	
MW-20	06/03/11	<0.001	<0.002	<0.002	<0.004	
MW-20	06/03/11	<0.00025	<0.0010	<0.00050	<0.0020	
MW-20	12/15/11	0.0013	<0.002	<0.002	<0.004	
MW-20	06/07/12	<0.005	<0.005	<0.005	<0.015	
MW-20	12/06/12	<0.001	<0.001	<0.001	<0.003	
MW-20	06/04/13	<0.001	<0.001	<0.001	<0.001	
MW-20	12/04/13	<0.001	<0.001	<0.001	<0.001	
MW-20	06/04/14	<0.001	<0.001	<0.001	<0.001	
MW-21	09/23/04	**8.5**	<1.0	0.14	0.2	
MW-21	03/14/05	**6.7**	<1.0	0.17	0.29	
MW-21	09/27/05	**4.4**	<0.54	0.087	0.11	
MW-21	03/02/06	**2.4**	0.00062	0.069	0.11	
MW-21	09/15/06	**0.48**	<0.54	0.023	0.034	
MW-21	03/28/07	**13.2**	0.0059	**0.839**	**0.883**	
MW-21	09/20/07	**7.23**	0.00067	0.462	0.321	
MW-21	03/20/08	**0.899**	<0.00048	0.0399	0.0452	
MW-21	03/11/09	**0.216**	<0.00048	0.0018	<0.0014	
MW-21	09/17/09	**12.1**	0.0034	**1.09**	0.312	
MW-21	03/29/10	**14.8**	0.00265	**1.54**	0.1945	
MW-21	03/29/10	**13.00**	0.0023	**1.32**	0.0959	
MW-21	09/24/10	**11.555**	0.0019	**1.535**	0.02645	
MW-21	09/25/10	**9.41**	0.002	**1.4**	0.0104	
MW-21	06/03/11	**7.97**	0.0012	0.536	<0.004	Duplicate sample collected
MW-21	06/03/11	**7.78**	0.0011	0.465	<0.0020	
MW-21	12/16/11	**0.671**	<0.02	0.0513	<0.04	Duplicate sample collected
MW-21	06/07/12	**4.4**	0.24	<0.025	0.086	Duplicate sample collected
MW-21	12/07/12	**1.9**	0.24	<0.005	0.098	
MW-21	06/05/13	**0.78**	<0.001	0.097	0.011	
MW-21	12/04/13	**1.8**	<0.0010	0.10	0.0064	
MW-21	06/04/14	**1.5**	<0.001	0.18	0.10	

APPENDIX A
HISTORIC ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
FORMER LEE GAS PLANT
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-22	09/23/04	0.0067	<1.0	<1.0	<2.0	
MW-22	09/27/05	<0.47	<0.54	<0.48	<2.0	
MW-22	09/15/06	**0.011**	<0.54	<0.48	<1.1	
MW-22	09/20/07	0.00057	<0.00054	<0.00048	<0.0011	
MW-22	09/17/09	<0.00050	<0.00043	<0.00055	<0.0017	
MW-22	03/29/10	NS	NS	NS	NS	
MW-22	09/24/10	**0.0114**	<0.002	0.0033	<0.006	
MW-22	09/25/10	**0.0114**	<0.00043	0.0033	<0.0017	
MW-22	06/03/11	NS	NS	NS	NS	
MW-22	12/16/11	<0.001	<0.002	<0.002	<0.004	
MW-22	06/07/12	<0.005	<0.005	<0.005	<0.015	
MW-22	12/06/12	<0.001	<0.001	<0.001	<0.003	
MW-22	06/05/13	<0.001	<0.001	<0.001	<0.001	
MW-22	12/04/13	<0.001	<0.001	<0.001	<0.001	
MW-22	06/04/14	<0.001	<0.001	<0.001	<0.001	
MW-23	06/04/14	NS	NS	NS	NS	Insufficient Water
Trip Blank	06/04/14	<0.001	<0.001	<0.001	<0.001	

Notes:

1.) 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.

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.

Appendix B

Laboratory Analytical Report (Electronic Only)

ALS Environmental Job #: HS14060345

10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887
www.alsglobal.com

June 26, 2014

Don Baggus
Tasman Geosciences
5690 Webster Street
Arvada, CO 80002

Work Order: **HS14060345**

Revision: **2**

Laboratory Results for: **Lee Plant**

Dear Don,

ALS Environmental received 16 sample(s) on Jun 06, 2014 for the analysis presented in the following report.

This is a REVISED REPORT. Please see the Case Narrative for discussion concerning this revision.

Regards,

Generated By: Sonia.West
Sonia West
Project Manager

Client: Tasman Geosciences
Project: Lee Plant
Work Order: HS14060345

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS14060345-01	MW-7-060414	Water		04-Jun-2014 16:40	06-Jun-2014 09:25	☐
HS14060345-02	MW-9-060514	Water		05-Jun-2014 09:00	06-Jun-2014 09:25	☐
HS14060345-03	MW-10-060514	Water		05-Jun-2014 09:45	06-Jun-2014 09:25	☐
HS14060345-04	MW-11-060414	Water		04-Jun-2014 13:10	06-Jun-2014 09:25	☐
HS14060345-05	MW-12-060414	Water		04-Jun-2014 19:00	06-Jun-2014 09:25	☐
HS14060345-06	MW-13-060414	Water		04-Jun-2014 12:10	06-Jun-2014 09:25	☐
HS14060345-07	MW-16-060414	Water		04-Jun-2014 16:00	06-Jun-2014 09:25	☐
HS14060345-08	MW-17-060414	Water		04-Jun-2014 15:10	06-Jun-2014 09:25	☐
HS14060345-09	MW-18-060414	Water		04-Jun-2014 09:40	06-Jun-2014 09:25	☐
HS14060345-10	MW-19-060414	Water		04-Jun-2014 11:30	06-Jun-2014 09:25	☐
HS14060345-11	MW-20-060414	Water		04-Jun-2014 10:40	06-Jun-2014 09:25	☐
HS14060345-12	MW-21-060414	Water		04-Jun-2014 18:20	06-Jun-2014 09:25	☐
HS14060345-13	MW-22-060414	Water		04-Jun-2014 14:00	06-Jun-2014 09:25	☐
HS14060345-14	DUP-1-060414	Water		04-Jun-2014 00:00	06-Jun-2014 09:25	☐
HS14060345-16	Trip Blank-060414	Water		04-Jun-2014 08:30	06-Jun-2014 09:25	☐
HS14060345-17	MW-14-060414	Water		04-Jun-2014 17:40	06-Jun-2014 09:25	☐

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
Work Order: HS14060345

CASE NARRATIVE

Revision II:

This report has been revised to change the sample ID from MW-4-060414 to MW-14-060414 (HS14060345-17).

Revision I:

This report has been revised to change the sample ID per the clients request via email on June 25, 2014.

Batch R235693, Volatile Organics Method SW8260, Sample MW-7 (HS14060345-01): MS and MSD recoveries for Benzene was outside the control limits. The associated LCS and MS, MSD RPD were within the control limits.

Client: Tasman Geosciences
Project: Lee Plant
Sample ID: MW-7-060414
Collection Date: 04-Jun-2014 16:40

ANALYTICAL REPORT
WorkOrder:HS14060345
Lab ID:HS14060345-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES - SW8260C	**Method:SW8260**					Analyst: PC
Benzene	**0.53**		**0.0050**	**mg/L**	5	16-Jun-2014 20:19
Toluene	ND		0.0010	mg/L	1	13-Jun-2014 05:14
Ethylbenzene	**0.026**		**0.0010**	**mg/L**	1	13-Jun-2014 05:14
Xylenes, Total	**0.012**		**0.0010**	**mg/L**	1	13-Jun-2014 05:14
Surr: 1,2-Dichloroethane-d4	*88.4*		*71-125*	*%REC*	*1*	*13-Jun-2014 05:14*
Surr: 1,2-Dichloroethane-d4	*104*		*71-125*	*%REC*	*5*	*16-Jun-2014 20:19*
Surr: 4-Bromofluorobenzene	*101*		*70-125*	*%REC*	*1*	*13-Jun-2014 05:14*
Surr: 4-Bromofluorobenzene	*101*		*70-125*	*%REC*	*5*	*16-Jun-2014 20:19*
Surr: Dibromofluoromethane	*93.8*		*74-125*	*%REC*	*1*	*13-Jun-2014 05:14*
Surr: Dibromofluoromethane	*103*		*74-125*	*%REC*	*5*	*16-Jun-2014 20:19*
Surr: Toluene-d8	*97.3*		*75-125*	*%REC*	*1*	*13-Jun-2014 05:14*
Surr: Toluene-d8	*99.1*		*75-125*	*%REC*	*5*	*16-Jun-2014 20:19*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
Sample ID: MW-9-060514
Collection Date: 05-Jun-2014 09:00

ANALYTICAL REPORT
WorkOrder:HS14060345
Lab ID:HS14060345-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES - SW8260C	**Method:SW8260**					Analyst: PC
Benzene	**7.2**		**0.10**	**mg/L**	100	13-Jun-2014 07:39
Toluene	ND		0.010	mg/L	10	13-Jun-2014 07:15
Ethylbenzene	**0.53**		**0.010**	**mg/L**	10	13-Jun-2014 07:15
Xylenes, Total	**0.12**		**0.010**	**mg/L**	10	13-Jun-2014 07:15
Surr: 1,2-Dichloroethane-d4	*88.8*		*71-125*	*%REC*	*100*	*13-Jun-2014 07:39*
Surr: 1,2-Dichloroethane-d4	*89.7*		*71-125*	*%REC*	*10*	*13-Jun-2014 07:15*
Surr: 4-Bromofluorobenzene	*98.6*		*70-125*	*%REC*	*10*	*13-Jun-2014 07:15*
Surr: 4-Bromofluorobenzene	*97.1*		*70-125*	*%REC*	*100*	*13-Jun-2014 07:39*
Surr: Dibromofluoromethane	*94.5*		*74-125*	*%REC*	*10*	*13-Jun-2014 07:15*
Surr: Dibromofluoromethane	*94.8*		*74-125*	*%REC*	*100*	*13-Jun-2014 07:39*
Surr: Toluene-d8	*97.0*		*75-125*	*%REC*	*100*	*13-Jun-2014 07:39*
Surr: Toluene-d8	*97.8*		*75-125*	*%REC*	*10*	*13-Jun-2014 07:15*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
Sample ID: MW-10-060514
Collection Date: 05-Jun-2014 09:45

ANALYTICAL REPORT
WorkOrder:HS14060345
Lab ID:HS14060345-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES - SW8260C	**Method:SW8260**					Analyst: PC
Benzene	**20**		**0.10**	**mg/L**	100	13-Jun-2014 08:27
Toluene	ND		0.010	mg/L	10	13-Jun-2014 08:03
Ethylbenzene	**0.55**		**0.010**	**mg/L**	10	13-Jun-2014 08:03
Xylenes, Total	ND		0.010	mg/L	10	13-Jun-2014 08:03
Surr: 1,2-Dichloroethane-d4	*89.7*		*71-125*	*%REC*	*100*	*13-Jun-2014 08:27*
Surr: 1,2-Dichloroethane-d4	*88.5*		*71-125*	*%REC*	*10*	*13-Jun-2014 08:03*
Surr: 4-Bromofluorobenzene	*99.2*		*70-125*	*%REC*	*10*	*13-Jun-2014 08:03*
Surr: 4-Bromofluorobenzene	*97.5*		*70-125*	*%REC*	*100*	*13-Jun-2014 08:27*
Surr: Dibromofluoromethane	*91.1*		*74-125*	*%REC*	*10*	*13-Jun-2014 08:03*
Surr: Dibromofluoromethane	*94.3*		*74-125*	*%REC*	*100*	*13-Jun-2014 08:27*
Surr: Toluene-d8	*97.9*		*75-125*	*%REC*	*100*	*13-Jun-2014 08:27*
Surr: Toluene-d8	*97.4*		*75-125*	*%REC*	*10*	*13-Jun-2014 08:03*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
Sample ID: MW-11-060414
Collection Date: 04-Jun-2014 13:10

ANALYTICAL REPORT
WorkOrder:HS14060345
Lab ID:HS14060345-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES - SW8260C	**Method:SW8260**					Analyst: PC
Benzene	ND		0.0010	mg/L	1	13-Jun-2014 02:25
Toluene	ND		0.0010	mg/L	1	13-Jun-2014 02:25
Ethylbenzene	ND		0.0010	mg/L	1	13-Jun-2014 02:25
Xylenes, Total	ND		0.0010	mg/L	1	13-Jun-2014 02:25
Surr: 1,2-Dichloroethane-d4	*90.3*		*71-125*	*%REC*	*1*	*13-Jun-2014 02:25*
Surr: 4-Bromofluorobenzene	*99.5*		*70-125*	*%REC*	*1*	*13-Jun-2014 02:25*
Surr: Dibromofluoromethane	*93.7*		*74-125*	*%REC*	*1*	*13-Jun-2014 02:25*
Surr: Toluene-d8	*97.5*		*75-125*	*%REC*	*1*	*13-Jun-2014 02:25*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
Sample ID: MW-12-060414
Collection Date: 04-Jun-2014 19:00

ANALYTICAL REPORT
WorkOrder:HS14060345
Lab ID:HS14060345-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES - SW8260C	**Method:SW8260**					Analyst: PC
Benzene	**8.1**		**0.050**	**mg/L**	50	13-Jun-2014 06:02
Toluene	ND		0.0010	mg/L	1	13-Jun-2014 05:38
Ethylbenzene	**0.0038**		**0.0010**	**mg/L**	1	13-Jun-2014 05:38
Xylenes, Total	**0.0015**		**0.0010**	**mg/L**	1	13-Jun-2014 05:38
Surr: 1,2-Dichloroethane-d4	*90.4*		*71-125*	*%REC*	*50*	*13-Jun-2014 06:02*
Surr: 1,2-Dichloroethane-d4	*84.4*		*71-125*	*%REC*	*1*	*13-Jun-2014 05:38*
Surr: 4-Bromofluorobenzene	*100.0*		*70-125*	*%REC*	*1*	*13-Jun-2014 05:38*
Surr: 4-Bromofluorobenzene	*99.0*		*70-125*	*%REC*	*50*	*13-Jun-2014 06:02*
Surr: Dibromofluoromethane	*93.8*		*74-125*	*%REC*	*1*	*13-Jun-2014 05:38*
Surr: Dibromofluoromethane	*93.2*		*74-125*	*%REC*	*50*	*13-Jun-2014 06:02*
Surr: Toluene-d8	*95.8*		*75-125*	*%REC*	*50*	*13-Jun-2014 06:02*
Surr: Toluene-d8	*97.5*		*75-125*	*%REC*	*1*	*13-Jun-2014 05:38*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
Sample ID: MW-13-060414
Collection Date: 04-Jun-2014 12:10

ANALYTICAL REPORT
WorkOrder:HS14060345
Lab ID:HS14060345-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES - SW8260C	**Method:SW8260**					Analyst: PC
Benzene	ND		0.0010	mg/L	1	13-Jun-2014 00:00
Toluene	ND		0.0010	mg/L	1	13-Jun-2014 00:00
Ethylbenzene	ND		0.0010	mg/L	1	13-Jun-2014 00:00
Xylenes, Total	ND		0.0010	mg/L	1	13-Jun-2014 00:00
Surr: 1,2-Dichloroethane-d4	*91.1*		*71-125*	*%REC*	*1*	*13-Jun-2014 00:00*
Surr: 4-Bromofluorobenzene	*98.1*		*70-125*	*%REC*	*1*	*13-Jun-2014 00:00*
Surr: Dibromofluoromethane	*95.7*		*74-125*	*%REC*	*1*	*13-Jun-2014 00:00*
Surr: Toluene-d8	*97.4*		*75-125*	*%REC*	*1*	*13-Jun-2014 00:00*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
Sample ID: MW-16-060414
Collection Date: 04-Jun-2014 16:00

ANALYTICAL REPORT
WorkOrder:HS14060345
Lab ID:HS14060345-07
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES - SW8260C	**Method:SW8260**					Analyst: PC
Benzene	**0.071**		**0.0010**	**mg/L**	1	13-Jun-2014 04:50
Toluene	**0.0014**		**0.0010**	**mg/L**	1	13-Jun-2014 04:50
Ethylbenzene	**0.0019**		**0.0010**	**mg/L**	1	13-Jun-2014 04:50
Xylenes, Total	**0.0039**		**0.0010**	**mg/L**	1	13-Jun-2014 04:50
Surr: 1,2-Dichloroethane-d4	*89.2*		*71-125*	*%REC*	*1*	*13-Jun-2014 04:50*
Surr: 4-Bromofluorobenzene	*98.0*		*70-125*	*%REC*	*1*	*13-Jun-2014 04:50*
Surr: Dibromofluoromethane	*94.1*		*74-125*	*%REC*	*1*	*13-Jun-2014 04:50*
Surr: Toluene-d8	*96.3*		*75-125*	*%REC*	*1*	*13-Jun-2014 04:50*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
Sample ID: MW-17-060414
Collection Date: 04-Jun-2014 15:10

ANALYTICAL REPORT
WorkOrder:HS14060345
Lab ID:HS14060345-08
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES - SW8260C	**Method:SW8260**					Analyst: PC
Benzene	ND		0.0010	mg/L	1	13-Jun-2014 02:49
Toluene	ND		0.0010	mg/L	1	13-Jun-2014 02:49
Ethylbenzene	ND		0.0010	mg/L	1	13-Jun-2014 02:49
Xylenes, Total	ND		0.0010	mg/L	1	13-Jun-2014 02:49
Surr: 1,2-Dichloroethane-d4	*89.9*		*71-125*	*%REC*	*1*	*13-Jun-2014 02:49*
Surr: 4-Bromofluorobenzene	*99.1*		*70-125*	*%REC*	*1*	*13-Jun-2014 02:49*
Surr: Dibromofluoromethane	*94.5*		*74-125*	*%REC*	*1*	*13-Jun-2014 02:49*
Surr: Toluene-d8	*96.1*		*75-125*	*%REC*	*1*	*13-Jun-2014 02:49*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
Sample ID: MW-18-060414
Collection Date: 04-Jun-2014 09:40

ANALYTICAL REPORT
WorkOrder:HS14060345
Lab ID:HS14060345-09
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES - SW8260C	**Method:SW8260**					Analyst: PC
Benzene	ND		0.0010	mg/L	1	13-Jun-2014 03:13
Toluene	ND		0.0010	mg/L	1	13-Jun-2014 03:13
Ethylbenzene	ND		0.0010	mg/L	1	13-Jun-2014 03:13
Xylenes, Total	ND		0.0010	mg/L	1	13-Jun-2014 03:13
Surr: 1,2-Dichloroethane-d4	*89.1*		*71-125*	*%REC*	*1*	*13-Jun-2014 03:13*
Surr: 4-Bromofluorobenzene	*98.7*		*70-125*	*%REC*	*1*	*13-Jun-2014 03:13*
Surr: Dibromofluoromethane	*93.3*		*74-125*	*%REC*	*1*	*13-Jun-2014 03:13*
Surr: Toluene-d8	*96.9*		*75-125*	*%REC*	*1*	*13-Jun-2014 03:13*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
Sample ID: MW-19-060414
Collection Date: 04-Jun-2014 11:30

ANALYTICAL REPORT
WorkOrder:HS14060345
Lab ID:HS14060345-10
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES - SW8260C	**Method:SW8260**					Analyst: PC
Benzene	ND		0.0010	mg/L	1	13-Jun-2014 03:37
Toluene	ND		0.0010	mg/L	1	13-Jun-2014 03:37
Ethylbenzene	ND		0.0010	mg/L	1	13-Jun-2014 03:37
Xylenes, Total	ND		0.0010	mg/L	1	13-Jun-2014 03:37
Surr: 1,2-Dichloroethane-d4	*89.4*		*71-125*	*%REC*	*1*	*13-Jun-2014 03:37*
Surr: 4-Bromofluorobenzene	*98.1*		*70-125*	*%REC*	*1*	*13-Jun-2014 03:37*
Surr: Dibromofluoromethane	*93.9*		*74-125*	*%REC*	*1*	*13-Jun-2014 03:37*
Surr: Toluene-d8	*96.6*		*75-125*	*%REC*	*1*	*13-Jun-2014 03:37*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
Sample ID: MW-20-060414
Collection Date: 04-Jun-2014 10:40

ANALYTICAL REPORT
WorkOrder:HS14060345
Lab ID:HS14060345-11
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES - SW8260C	**Method:SW8260**					Analyst: PC
Benzene	ND		0.0010	mg/L	1	13-Jun-2014 04:02
Toluene	ND		0.0010	mg/L	1	13-Jun-2014 04:02
Ethylbenzene	ND		0.0010	mg/L	1	13-Jun-2014 04:02
Xylenes, Total	ND		0.0010	mg/L	1	13-Jun-2014 04:02
Surr: 1,2-Dichloroethane-d4	*90.3*		*71-125*	*%REC*	*1*	*13-Jun-2014 04:02*
Surr: 4-Bromofluorobenzene	*98.2*		*70-125*	*%REC*	*1*	*13-Jun-2014 04:02*
Surr: Dibromofluoromethane	*93.9*		*74-125*	*%REC*	*1*	*13-Jun-2014 04:02*
Surr: Toluene-d8	*97.3*		*75-125*	*%REC*	*1*	*13-Jun-2014 04:02*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
Sample ID: MW-21-060414
Collection Date: 04-Jun-2014 18:20

ANALYTICAL REPORT
WorkOrder:HS14060345
Lab ID:HS14060345-12
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES - SW8260C	**Method:SW8260**					Analyst: PC
Benzene	**1.5**		**0.050**	**mg/L**	50	13-Jun-2014 06:51
Toluene	ND		0.0010	mg/L	1	13-Jun-2014 06:27
Ethylbenzene	**0.18**		**0.0010**	**mg/L**	1	13-Jun-2014 06:27
Xylenes, Total	**0.10**		**0.0010**	**mg/L**	1	13-Jun-2014 06:27
Surr: 1,2-Dichloroethane-d4	*90.9*		*71-125*	*%REC*	*50*	*13-Jun-2014 06:51*
Surr: 1,2-Dichloroethane-d4	*88.1*		*71-125*	*%REC*	*1*	*13-Jun-2014 06:27*
Surr: 4-Bromofluorobenzene	*101*		*70-125*	*%REC*	*1*	*13-Jun-2014 06:27*
Surr: 4-Bromofluorobenzene	*98.9*		*70-125*	*%REC*	*50*	*13-Jun-2014 06:51*
Surr: Dibromofluoromethane	*95.1*		*74-125*	*%REC*	*1*	*13-Jun-2014 06:27*
Surr: Dibromofluoromethane	*95.0*		*74-125*	*%REC*	*50*	*13-Jun-2014 06:51*
Surr: Toluene-d8	*95.7*		*75-125*	*%REC*	*50*	*13-Jun-2014 06:51*
Surr: Toluene-d8	*97.6*		*75-125*	*%REC*	*1*	*13-Jun-2014 06:27*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
Sample ID: MW-22-060414
Collection Date: 04-Jun-2014 14:00

ANALYTICAL REPORT
WorkOrder:HS14060345
Lab ID:HS14060345-13
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES - SW8260C	**Method:SW8260**					Analyst: PC
Benzene	ND		0.0010	mg/L	1	13-Jun-2014 04:26
Toluene	ND		0.0010	mg/L	1	13-Jun-2014 04:26
Ethylbenzene	ND		0.0010	mg/L	1	13-Jun-2014 04:26
Xylenes, Total	ND		0.0010	mg/L	1	13-Jun-2014 04:26
Surr: 1,2-Dichloroethane-d4	*89.3*		*71-125*	*%REC*	*1*	*13-Jun-2014 04:26*
Surr: 4-Bromofluorobenzene	*98.7*		*70-125*	*%REC*	*1*	*13-Jun-2014 04:26*
Surr: Dibromofluoromethane	*93.8*		*74-125*	*%REC*	*1*	*13-Jun-2014 04:26*
Surr: Toluene-d8	*97.5*		*75-125*	*%REC*	*1*	*13-Jun-2014 04:26*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
Sample ID: DUP-1-060414
Collection Date: 04-Jun-2014 00:00

ANALYTICAL REPORT
WorkOrder:HS14060345
Lab ID:HS14060345-14
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES - SW8260C	**Method:SW8260**					Analyst: PC
Benzene	**7.2**		**0.10**	**mg/L**	100	13-Jun-2014 00:48
Toluene	ND		0.010	mg/L	10	13-Jun-2014 00:24
Ethylbenzene	**0.53**		**0.010**	**mg/L**	10	13-Jun-2014 00:24
Xylenes, Total	**0.12**		**0.010**	**mg/L**	10	13-Jun-2014 00:24
Surr: 1,2-Dichloroethane-d4	*89.3*		*71-125*	*%REC*	*100*	*13-Jun-2014 00:48*
Surr: 1,2-Dichloroethane-d4	*90.2*		*71-125*	*%REC*	*10*	*13-Jun-2014 00:24*
Surr: 4-Bromofluorobenzene	*98.3*		*70-125*	*%REC*	*10*	*13-Jun-2014 00:24*
Surr: 4-Bromofluorobenzene	*98.4*		*70-125*	*%REC*	*100*	*13-Jun-2014 00:48*
Surr: Dibromofluoromethane	*93.5*		*74-125*	*%REC*	*100*	*13-Jun-2014 00:48*
Surr: Dibromofluoromethane	*95.3*		*74-125*	*%REC*	*10*	*13-Jun-2014 00:24*
Surr: Toluene-d8	*96.6*		*75-125*	*%REC*	*10*	*13-Jun-2014 00:24*
Surr: Toluene-d8	*98.0*		*75-125*	*%REC*	*100*	*13-Jun-2014 00:48*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
Sample ID: Trip Blank-060414
Collection Date: 04-Jun-2014 08:30

ANALYTICAL REPORT
WorkOrder:HS14060345
Lab ID:HS14060345-16
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES - SW8260C	**Method:SW8260**					Analyst: PC
Benzene	ND		0.0010	mg/L	1	12-Jun-2014 23:35
Toluene	ND		0.0010	mg/L	1	12-Jun-2014 23:35
Ethylbenzene	ND		0.0010	mg/L	1	12-Jun-2014 23:35
Xylenes, Total	ND		0.0010	mg/L	1	12-Jun-2014 23:35
Surr: 1,2-Dichloroethane-d4	*89.3*		*71-125*	*%REC*	*1*	*12-Jun-2014 23:35*
Surr: 4-Bromofluorobenzene	*98.1*		*70-125*	*%REC*	*1*	*12-Jun-2014 23:35*
Surr: Dibromofluoromethane	*93.5*		*74-125*	*%REC*	*1*	*12-Jun-2014 23:35*
Surr: Toluene-d8	*96.6*		*75-125*	*%REC*	*1*	*12-Jun-2014 23:35*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
Sample ID: MW-14-060414
Collection Date: 04-Jun-2014 17:40

ANALYTICAL REPORT
WorkOrder:HS14060345
Lab ID:HS14060345-17
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES - SW8260C	**Method:SW8260**					Analyst: PC
Benzene	**0.90**		**0.025**	**mg/L**	25	17-Jun-2014 13:41
Toluene	ND		0.0010	mg/L	1	17-Jun-2014 02:47
Ethylbenzene	**0.0052**		**0.0010**	**mg/L**	1	17-Jun-2014 02:47
Xylenes, Total	**0.0067**		**0.0010**	**mg/L**	1	17-Jun-2014 02:47
Surr: 1,2-Dichloroethane-d4	*105*		*71-125*	*%REC*	*1*	*17-Jun-2014 02:47*
Surr: 1,2-Dichloroethane-d4	*102*		*71-125*	*%REC*	*25*	*17-Jun-2014 13:41*
Surr: 4-Bromofluorobenzene	*98.0*		*70-125*	*%REC*	*1*	*17-Jun-2014 02:47*
Surr: 4-Bromofluorobenzene	*97.7*		*70-125*	*%REC*	*25*	*17-Jun-2014 13:41*
Surr: Dibromofluoromethane	*100*		*74-125*	*%REC*	*1*	*17-Jun-2014 02:47*
Surr: Dibromofluoromethane	*102*		*74-125*	*%REC*	*25*	*17-Jun-2014 13:41*
Surr: Toluene-d8	*97.2*		*75-125*	*%REC*	*1*	*17-Jun-2014 02:47*
Surr: Toluene-d8	*95.9*		*75-125*	*%REC*	*25*	*17-Jun-2014 13:41*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Revision:2

Client: Tasman Geosciences
Project: Lee Plant
WorkOrder: HS14060345

DATES REPORT

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
Batch ID R235541	**Test Name :** LOW LEVEL VOLATILES - SW8260C			**Matrix:** Water		
HS14060345-01	MW-7-060414	04 Jun 2014 16:40			13 Jun 2014 05:14	1
HS14060345-02	MW-9-060514	05 Jun 2014 09:00			13 Jun 2014 07:39	100
HS14060345-02	MW-9-060514	05 Jun 2014 09:00			13 Jun 2014 07:15	10
HS14060345-03	MW-10-060514	05 Jun 2014 09:45			13 Jun 2014 08:27	100
HS14060345-03	MW-10-060514	05 Jun 2014 09:45			13 Jun 2014 08:03	10
HS14060345-04	MW-11-060414	04 Jun 2014 13:10			13 Jun 2014 02:25	1
HS14060345-05	MW-12-060414	04 Jun 2014 19:00			13 Jun 2014 06:02	50
HS14060345-05	MW-12-060414	04 Jun 2014 19:00			13 Jun 2014 05:38	1
HS14060345-06	MW-13-060414	04 Jun 2014 12:10			13 Jun 2014 00:00	1
HS14060345-07	MW-16-060414	04 Jun 2014 16:00			13 Jun 2014 04:50	1
HS14060345-08	MW-17-060414	04 Jun 2014 15:10			13 Jun 2014 02:49	1
HS14060345-09	MW-18-060414	04 Jun 2014 09:40			13 Jun 2014 03:13	1
HS14060345-10	MW-19-060414	04 Jun 2014 11:30			13 Jun 2014 03:37	1
HS14060345-11	MW-20-060414	04 Jun 2014 10:40			13 Jun 2014 04:02	1
HS14060345-12	MW-21-060414	04 Jun 2014 18:20			13 Jun 2014 06:51	50
HS14060345-12	MW-21-060414	04 Jun 2014 18:20			13 Jun 2014 06:27	1
HS14060345-13	MW-22-060414	04 Jun 2014 14:00			13 Jun 2014 04:26	1
HS14060345-14	DUP-1-060414	04 Jun 2014 00:00			13 Jun 2014 00:48	100
HS14060345-14	DUP-1-060414	04 Jun 2014 00:00			13 Jun 2014 00:24	10
HS14060345-16	Trip Blank-060414	04 Jun 2014 08:30			12 Jun 2014 23:35	1
Batch ID R235693	**Test Name :** LOW LEVEL VOLATILES - SW8260C			**Matrix:** Water		
HS14060345-01	MW-7-060414	04 Jun 2014 16:40			16 Jun 2014 20:19	5
HS14060345-17	MW-14-060414	04 Jun 2014 17:40			17 Jun 2014 02:47	1
Batch ID R235772	**Test Name :** LOW LEVEL VOLATILES - SW8260C			**Matrix:** Water		
HS14060345-17	MW-14-060414	04 Jun 2014 17:40			17 Jun 2014 13:41	25

Client: Tasman Geosciences
WorkOrder: HS14060345
Project: Lee Plant

QC BATCH REPORT

Batch ID: R235541 **Instrument: VOA6** **Method: SW8260**

MBLK Sample ID: **VBLKW-140612** Units: **ug/L** Analysis Date: **12-Jun-2014 23:11**
Client ID: Run ID: **VOA6_235541** SeqNo: **2879449** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	1.0								
Ethylbenzene	ND	1.0								
Toluene	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	*44.02*	*1.0*	*50*	*0*	*88.0*	*71 - 125*				
Surr: 4-Bromofluorobenzene	*49.86*	*1.0*	*50*	*0*	*99.7*	*70 - 125*				
Surr: Dibromofluoromethane	*45.41*	*1.0*	*50*	*0*	*90.8*	*74 - 125*				
Surr: Toluene-d8	*48.37*	*1.0*	*50*	*0*	*96.7*	*75 - 125*				

LCS Sample ID: **VLCSW-140612** Units: **ug/L** Analysis Date: **12-Jun-2014 22:23**
Client ID: Run ID: **VOA6_235541** SeqNo: **2879448** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	46.68	1.0	50	0	93.4	80 - 120				
Ethylbenzene	46.83	1.0	50	0	93.7	80 - 120				
Toluene	46.21	1.0	50	0	92.4	80 - 121				
Xylenes, Total	140.1	3.0	150	0	93.4	80 - 124				
Surr: 1,2-Dichloroethane-d4	*43.92*	*1.0*	*50*	*0*	*87.8*	*71 - 125*				
Surr: 4-Bromofluorobenzene	*51.23*	*1.0*	*50*	*0*	*102*	*70 - 125*				
Surr: Dibromofluoromethane	*46.6*	*1.0*	*50*	*0*	*93.2*	*74 - 125*				
Surr: Toluene-d8	*50.37*	*1.0*	*50*	*0*	*101*	*75 - 125*				

MS Sample ID: **HS14060345-06MS** Units: **ug/L** Analysis Date: **13-Jun-2014 01:12**
Client ID: **MW-13-060414** Run ID: **VOA6_235541** SeqNo: **2879454** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	44.87	1.0	50	0	89.7	80 - 120				
Ethylbenzene	41.53	1.0	50	0	83.1	80 - 120				
Toluene	42.82	1.0	50	0	85.6	80 - 121				
Xylenes, Total	126.2	3.0	150	0	84.2	80 - 124				
Surr: 1,2-Dichloroethane-d4	*44.18*	*1.0*	*50*	*0*	*88.4*	*71 - 125*				
Surr: 4-Bromofluorobenzene	*51.41*	*1.0*	*50*	*0*	*103*	*70 - 125*				
Surr: Dibromofluoromethane	*46.29*	*1.0*	*50*	*0*	*92.6*	*74 - 125*				
Surr: Toluene-d8	*50.49*	*1.0*	*50*	*0*	*101*	*75 - 125*				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tasman Geosciences
WorkOrder: HS14060345
Project: Lee Plant

QC BATCH REPORT

Batch ID: R235541 **Instrument: VOA6** **Method: SW8260**

MSD Sample ID: **HS14060345-06MSD** Units: **ug/L** Analysis Date: **13-Jun-2014 01:36**
Client ID: **MW-13-060414** Run ID: **VOA6_235541** SeqNo: **2879455** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	45.94	1.0	50	0	91.9	80 - 120	44.87	2.37	20	
Ethylbenzene	44.71	1.0	50	0	89.4	80 - 120	41.53	7.37	20	
Toluene	45.88	1.0	50	0	91.8	80 - 121	42.82	6.89	20	
Xylenes, Total	136.9	3.0	150	0	91.3	80 - 124	126.2	8.13	20	
Surr: 1,2-Dichloroethane-d4	*43.49*	*1.0*	*50*	*0*	*87.0*	*71 - 125*	*44.18*	*1.57*	*20*	
Surr: 4-Bromofluorobenzene	*52.19*	*1.0*	*50*	*0*	*104*	*70 - 125*	*51.41*	*1.5*	*20*	
Surr: Dibromofluoromethane	*47.07*	*1.0*	*50*	*0*	*94.1*	*74 - 125*	*46.29*	*1.68*	*20*	
Surr: Toluene-d8	*50.75*	*1.0*	*50*	*0*	*102*	*75 - 125*	*50.49*	*0.515*	*20*	

The following samples were anayzed in this batch:

HS14060345-01	HS14060345-02	HS14060345-03	HS14060345-04
HS14060345-05	HS14060345-06	HS14060345-07	HS14060345-08
HS14060345-09	HS14060345-10	HS14060345-11	HS14060345-12
HS14060345-13	HS14060345-14	HS14060345-16	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tasman Geosciences
WorkOrder: HS14060345
Project: Lee Plant

QC BATCH REPORT

Batch ID: R235693 **Instrument: VOA6** **Method: SW8260**

MBLK Sample ID: **VBLKW-140616** Units: **ug/L** Analysis Date: **16-Jun-2014 18:17**
Client ID: Run ID: **VOA6_235693** SeqNo: **2883018** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	1.0								
Ethylbenzene	ND	1.0								
Toluene	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	*52.29*	*1.0*	*50*	*0*	*105*	*71 - 125*				
Surr: 4-Bromofluorobenzene	*49.12*	*1.0*	*50*	*0*	*98.2*	*70 - 125*				
Surr: Dibromofluoromethane	*49.96*	*1.0*	*50*	*0*	*99.9*	*74 - 125*				
Surr: Toluene-d8	*48.72*	*1.0*	*50*	*0*	*97.4*	*75 - 125*				

LCS Sample ID: **VLCSW-140616** Units: **ug/L** Analysis Date: **16-Jun-2014 16:39**
Client ID: Run ID: **VOA6_235693** SeqNo: **2883017** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	44.46	1.0	50	0	88.9	80 - 120				
Ethylbenzene	44.15	1.0	50	0	88.3	80 - 120				
Toluene	44.53	1.0	50	0	89.1	80 - 121				
Xylenes, Total	134.5	3.0	150	0	89.7	80 - 124				
Surr: 1,2-Dichloroethane-d4	*50.22*	*1.0*	*50*	*0*	*100*	*71 - 125*				
Surr: 4-Bromofluorobenzene	*51.11*	*1.0*	*50*	*0*	*102*	*70 - 125*				
Surr: Dibromofluoromethane	*49.45*	*1.0*	*50*	*0*	*98.9*	*74 - 125*				
Surr: Toluene-d8	*50.39*	*1.0*	*50*	*0*	*101*	*75 - 125*				

MS Sample ID: **HS14060345-01MS** Units: **ug/L** Analysis Date: **16-Jun-2014 20:43**
Client ID: **MW-7-060414** Run ID: **VOA6_235693** SeqNo: **2883020** PrepDate: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	686.3	5.0	250	526.6	63.9	80 - 120				S
Ethylbenzene	230.8	5.0	250	22.91	83.1	80 - 120				
Toluene	213.4	5.0	250	0	85.4	80 - 121				
Xylenes, Total	657.7	15	750	10.49	86.3	80 - 124				
Surr: 1,2-Dichloroethane-d4	*257.9*	*5.0*	*250*	*0*	*103*	*71 - 125*				
Surr: 4-Bromofluorobenzene	*256.7*	*5.0*	*250*	*0*	*103*	*70 - 125*				
Surr: Dibromofluoromethane	*248.5*	*5.0*	*250*	*0*	*99.4*	*74 - 125*				
Surr: Toluene-d8	*254*	*5.0*	*250*	*0*	*102*	*75 - 125*				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tasman Geosciences
WorkOrder: HS14060345
Project: Lee Plant

QC BATCH REPORT

Batch ID: R235693 **Instrument: VOA6** **Method: SW8260**

MSD Sample ID: **HS14060345-01MSD** Units: **ug/L** Analysis Date: **16-Jun-2014 21:07**
Client ID: **MW-7-060414** Run ID: **VOA6_235693** SeqNo: **2883021** PrepDate: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	710.3	5.0	250	526.6	73.5	80 - 120	686.3	3.44	20	S
Ethylbenzene	245.9	5.0	250	22.91	89.2	80 - 120	230.8	6.35	20	
Toluene	224.2	5.0	250	0	89.7	80 - 121	213.4	4.92	20	
Xylenes, Total	694.5	15	750	10.49	91.2	80 - 124	657.7	5.44	20	
Surr: 1,2-Dichloroethane-d4	*256.6*	*5.0*	*250*	*0*	*103*	*71 - 125*	*257.9*	*0.507*	*20*	
Surr: 4-Bromofluorobenzene	*256.3*	*5.0*	*250*	*0*	*103*	*70 - 125*	*256.7*	*0.134*	*20*	
Surr: Dibromofluoromethane	*254.3*	*5.0*	*250*	*0*	*102*	*74 - 125*	*248.5*	*2.32*	*20*	
Surr: Toluene-d8	*252.4*	*5.0*	*250*	*0*	*101*	*75 - 125*	*254*	*0.662*	*20*	

The following samples were anayzed in this batch: HS14060345-01 HS14060345-17

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tasman Geosciences
WorkOrder: HS14060345
Project: Lee Plant

QC BATCH REPORT

Batch ID: R235772 **Instrument: VOA6** **Method: SW8260**

MBLK Sample ID: **VBLKW-140617** Units: **ug/L** Analysis Date: **17-Jun-2014 10:51**
Client ID: Run ID: **VOA6_235772** SeqNo: **2885161** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	1.0								
Surr: 1,2-Dichloroethane-d4	*53.11*	*1.0*	*50*	*0*	*106*	*71 - 125*				
Surr: 4-Bromofluorobenzene	*49.48*	*1.0*	*50*	*0*	*99.0*	*70 - 125*				
Surr: Dibromofluoromethane	*51.26*	*1.0*	*50*	*0*	*103*	*74 - 125*				
Surr: Toluene-d8	*49.05*	*1.0*	*50*	*0*	*98.1*	*75 - 125*				

LCS Sample ID: **VLCSW-140617** Units: **ug/L** Analysis Date: **17-Jun-2014 09:38**
Client ID: Run ID: **VOA6_235772** SeqNo: **2885160** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	46.52	1.0	50	0	93.0	80 - 120				
Surr: 1,2-Dichloroethane-d4	*50.84*	*1.0*	*50*	*0*	*102*	*71 - 125*				
Surr: 4-Bromofluorobenzene	*50.91*	*1.0*	*50*	*0*	*102*	*70 - 125*				
Surr: Dibromofluoromethane	*50.84*	*1.0*	*50*	*0*	*102*	*74 - 125*				
Surr: Toluene-d8	*50.64*	*1.0*	*50*	*0*	*101*	*75 - 125*				

MS Sample ID: **HS14060650-01MS** Units: **ug/L** Analysis Date: **17-Jun-2014 12:52**
Client ID: Run ID: **VOA6_235772** SeqNo: **2885163** PrepDate: DF: **25**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1049	25	1250	0	83.9	80 - 120				
Surr: 1,2-Dichloroethane-d4	*1312*	*25*	*1250*	*0*	*105*	*71 - 125*				
Surr: 4-Bromofluorobenzene	*1235*	*25*	*1250*	*0*	*98.8*	*70 - 125*				
Surr: Dibromofluoromethane	*1251*	*25*	*1250*	*0*	*100*	*74 - 125*				
Surr: Toluene-d8	*1273*	*25*	*1250*	*0*	*102*	*75 - 125*				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tasman Geosciences
WorkOrder: HS14060345
Project: Lee Plant

QC BATCH REPORT

Batch ID: R235772 **Instrument: VOA6** **Method: SW8260**

MSD Sample ID: **HS14060650-01MSD** Units: **ug/L** Analysis Date: **17-Jun-2014 13:17**
Client ID: Run ID: **VOA6_235772** SeqNo: **2885164** PrepDate: DF: **25**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1053	25	1250	0	84.2	80 - 120	1049	0.36	20	
Surr: 1,2-Dichloroethane-d4	*1283*	*25*	*1250*	*0*	*103*	*71 - 125*	*1312*	*2.18*	*20*	
Surr: 4-Bromofluorobenzene	*1261*	*25*	*1250*	*0*	*101*	*70 - 125*	*1235*	*2.13*	*20*	
Surr: Dibromofluoromethane	*1243*	*25*	*1250*	*0*	*99.5*	*74 - 125*	*1251*	*0.594*	*20*	
Surr: Toluene-d8	*1270*	*25*	*1250*	*0*	*102*	*75 - 125*	*1273*	*0.26*	*20*	

The following samples were anayzed in this batch: HS14060345-17

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Tasman Geosciences
Project: Lee Plant
WorkOrder: **HS14060345**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/L	Milligrams per Liter

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	AR - 2014	27-Mar-2015
California	06248CA 2013-2014	31-Jul-2014
Dept of Defense	L2231 Rev 3-20-2014	22-Dec-2015
Illinois	003403	09-May-2015
Kansas	E-10352 8/15/2013-2014	31-Jul-2014
Kentucky	KY 2014-2015	30-Apr-2015
Louisiana	03087 2013/2014	30-Jun-2014
North Carolina	624 - 2014	31-Dec-2014
North Dakota	R-193 2025	30-Apr-2015
Oklahoma	2013-024	31-Aug-2014
Texas	TX104704231-14-13	30-Apr-2015

Client: Tasman Geosciences
Project: Lee Plant
Work Order: HS14060345

SAMPLE TRACKING

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS14060345-01	MW-7-060414	Login	09-Jun-14 11:48	DRC	VW-3
HS14060345-02	MW-9-060514	Login	09-Jun-14 11:48	DRC	VW-3
HS14060345-03	MW-10-060514	Login	09-Jun-14 11:48	DRC	VW-3
HS14060345-04	MW-11-060414	Login	09-Jun-14 11:48	DRC	VW-3
HS14060345-05	MW-12-060414	Login	09-Jun-14 11:48	DRC	VW-3
HS14060345-06	MW-13-060414	Login	09-Jun-14 11:48	DRC	VW-3
HS14060345-07	MW-16-060414	Login	09-Jun-14 11:48	DRC	VW-3
HS14060345-08	MW-17-060414	Login	09-Jun-14 11:48	DRC	VW-3
HS14060345-09	MW-18-060414	Login	09-Jun-14 11:48	DRC	VW-3
HS14060345-10	MW-19-060414	Login	09-Jun-14 11:48	DRC	VW-3
HS14060345-11	MW-20-060414	Login	09-Jun-14 11:48	DRC	VW-3
HS14060345-12	MW-21-060414	Login	09-Jun-14 11:48	DRC	VW-3
HS14060345-13	MW-22-060414	Login	09-Jun-14 11:48	DRC	VW-3
HS14060345-14	DUP-1-060414	Login	09-Jun-14 11:48	DRC	VW-3
HS14060345-16	Trip Blank-060414	Login	09-Jun-14 11:48	DRC	VW-3
HS14060345-17	MW-14-060414	Login	09-Jun-14 01:44	MES	VW-3

Sample Receipt Checklist

Client Name: Tasman Geosciences
Work Order: HS14060345
Date/Time Received: **06-Jun-2014 09:25**
Received by: **JDE**

Checklist completed by: *Dana.Capps* eSignature 9-Jun-2014 Date
Reviewed by: *Bernadette A. Fini* eSignature 18-Jun-2014 Date

Matrices: **Water**
Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☑	Not Present ☐
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☐	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☐	No ☑	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.7/2.7 C/U	IR1	
Cooler(s)/Kit(s):	5414		
Date/Time sample(s) sent to storage:	06/09/02014		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes: MW-14 listed on COC; however sample vials were received empty. Dup-02 not received. MW-4 Received.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: 0 Regarding:

Comments:

Corrective Action:

ALS Environmental
Cincinnati, OH +1 513 733 5336
Everett, WA +1 425 356 2600
Fort Collins, CO +1 970 490 1511
Holland, MI +1 616 399 6070

Chain of Custody Forr

Page 1 of 3

COC ID: 099142

HS14060345

Tasman Geosciences
Lee Plant

ALS Project Manager:

Customer Information		Project Information			
Purchase Order		Project Name	Lee Plant	A	BTEX (8260B)
Work Order		Project Number	400128007 F229	B	
Company Name	Tasman Geosciences	Bill To Company	DCP Midstream, LP	C	
Send Report To	Don Baggus	Invoice Attn	Chandler Cole	D	
Address	5690 Webster Street	Address	370 17th Street, Suite 2500	E	
				F	
City/State/Zip	Arvada, CO 80002	City/State/Zip	Denver, Colorado 80102	G	
Phone	(303) 487-1228	Phone		H	
Fax		Fax		I	
e-Mail Address	dbaggus@tasman-geo.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-2	–	–	Water	–	3	X	Insufficient Water - No Sample									
2	MW-3	–	–	Water	–	3	X	Insufficient Water - No Sample									
3	MW-4	–	–	Water	~~HCl~~ DTB HCl	3	X	Insufficient Water - No Sample									
4	MW-7	6/4/14 ~~6/5/14~~	1640	Water	↓	3	X										
5	MW-9 -060514	~~0900~~ DTB	0900	Water		3	X										
6	MW-10 -060514	~~DTB~~ 6/5/14 DTB	0945	Water		3	X										
7	MW-11	6/4/14	1310	Water		3	X										
8	MW-12 -060414	6/4/14	1900	Water		3	X										
9	MW-13	6/4/14	1210	Water		3	X										
10																	

Sampler(s) Please Print & Sign: DON BAGGUS

Shipment Method: FedEx

Required Turnaround Time: (Check Box) [X] Std 10 WK days [ ] 5 WK Days [ ] 2 WK Days [ ] 24 Hour [ ] Other

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
Don Baggus	6/5/14	1200	
Relinquished by:	Date:	Time:	Received by (Laboratory):
	6/6/14	9:25	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes: 10 Day TAT

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)

- [X] Level 2 Std QC
- [ ] Level 3 Std QC/Row da
- [ ] Level 4 SW846/CLP
- [ ] Other/EDD
- [ ] TRRP ChkList
- [ ] TRRP Level 4

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

ALS Environmental

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Holland, MI +1 616 399 6070
Houston, TX +1 281 530 5656
Middletown, PA +1 717 944 5541
Spring City, PA +1 610 948 4903
Salt Lake City, UT +1 801 266 7700
South Charleston, WV +1 304 356 3168
York, PA +1 717 505 5280

Chain of Custody Form

COC ID: 099141

ALS Project Manager: | ALS Work Order #:

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Lee Plant	A	BTEX (8260B)
Work Order		Project Number	400128007 F229	B	
Company Name	Tasman Geosciences	Bill To Company	DCP Midstream, LP	C	
Send Report To	Don Baggus	Invoice Attn	Chandler Cole	D	
Address	5690 Webster Street	Address	370 17th Street, Suite 2500	E	
				F	
City/State/Zip	Arvada, CO 80002	City/State/Zip	Denver, Colorado 80102	G	
Phone	(303) 487-1228	Phone		H	
Fax		Fax		I	
e-Mail Address	dbaggus@tasman-geo.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-13 MS	6/4/14	1210	Water	HCL	3	X										
2	MW-13 MSD		1210	Water		3	X										
3	MW-14 - 060414		1740	Water		3	X										
4	MW-16 - 060414		1600	Water		3	X										
5	MW-17 - 060414		1510	Water		3	X										
6	MW-18 - 060414		0940	Water		3	X										
7	MW-19 - 060414		1130	Water		3	X										
8	MW-20 - 060414		1040	Water		3	X										
9	MW-21 - 060414		1820	Water		3	X										
10																	

Sampler(s) Please Print & Sign: Don Baggus

Shipment Method: Fed Ex

Required Turnaround Time: (Check Box) [X] Std 10 WK days [ ] 5 WK Days [ ] 2 WK Days [ ] 24 Hour [ ] Other

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
Don Baggus	6/5/14	1200	
Relinquished by:	Date:	Time:	Received by (Laboratory):
	6/6/14	9:25	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes: 10 Day TAT

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)
- [X] Level 2 Std QC
- [ ] Level 3 Std QC/Raw da
- [ ] Level 4 SW846/CLP
- [ ] Other/EDD
- [ ] TRRP ChkList
- [ ] TRRP Level 4

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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ALS Environmental

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Chain of Custody Form

COC ID: 099140

ALS Project Manager: | ALS Work Order #:

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Lee Plant	A	BTEX (8260B)
Work Order		Project Number	400128007 F229	B	
Company Name	Tasman Geosciences	Bill To Company	DCP Midstream, LP	C	
Send Report To	Don Baggus	Invoice Attn	Chandler Cole	D	
Address	5690 Webster Street	Address	370 17th Street, Suite 2500	E	
				F	
City/State/Zip	Arvada, CO 80002	City/State/Zip	Denver, Colorado 80102	G	
Phone	(303) 487-1228	Phone		H	
Fax		Fax		I	
e-Mail Address	dbaggus@tasman-geo.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-22 - 060414	~~6/4/14~~ 6/4/14	1400	Water	HCL	3	X										
2	DUP-1	"	"	Water	HCL	3	X										
3	DUP-2	"	"	Water	"	3	X	Not Collected									
4	Trip Blank	6/4/14	0830	Water	HCL	3	X										
5						0											
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: DON BAGGUS

Shipment Method: FedEx

Required Turnaround Time: (Check Box) [X] Std. 10 WK days [ ] 5 WK Days [ ] 2 WK Days [ ] 24 Hour [ ] Other

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Don Baggus	6/5/14	1200	
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	6/6/14	9:25	
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Notes: 10 Day TAT

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)

- [X] Level 2 Std QC
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- [ ] TRRP ChkList
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Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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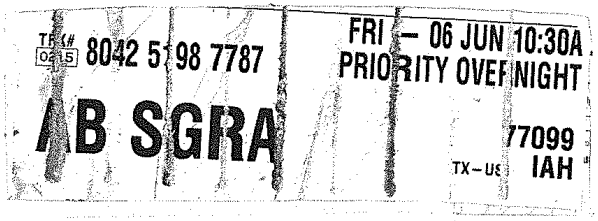

ALS Environmental
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

CUSTODY SEAL

Date: 6/5/14 Time: 1200
Name: DON BRIGGS
Company: TASMAN GEOSCIENCES

Seal Broken By:
Date:

From:	Cole, Chandler E
To:	Lowe, Leonard, EMNRD
Cc:	Oberding, Tomas, EMNRD
Subject:	GW-002 Former DCP Lee Gas Plant, Unit N Sec.30, T17S, R35E
Date:	Monday, August 11, 2014 3:12:29 PM
Attachments:	Lee_1H 2014 Report_Cover.pdf Lee_1H 2014 Report_draft.pdf

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Dear Mr. Lowe:

DCP Midstream, LP is pleased to submit for your review the First 2014 Semiannual Groundwater Monitoring Report for the Former DCP Lee Gas Plant located in Lea County, New Mexico (Unit N Section 30, Township 17 South, Range 35 East).

If you have any questions regarding the report, please call me at 303-605-1695.

Sincerely,

Chandler Cole
Senior Environmental Specialist
DCP Midstream
370 17th Street, Suite 2300
Denver, Colorado 80202
Tel: (303) 605-1695
Cell: (720) 810-2591
Fax: (303) 605-1957