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

March 5, 2013

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

RE: Second 2012 Semi Annual 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 2nd 2012 Semi Annual 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).

Groundwater monitoring activities were completed December 6, 2012. The data indicate that the dissolved phase hydrocarbon plume continues to attenuate to below NM WQCC groundwater standards before reaching the down-gradient boundary wells. The next groundwater monitoring event is scheduled for the first half of 2013.

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: Larry Johnson – OCD District Office, Hobbs
Environmental Files

Second Half Semi-Annual 2012
Groundwater Monitoring Summary Report

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

Prepared for:

DCP Midstream

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

Prepared by:

TASMAN GEOSCIENCES

6899 Pecos Street, Unit C
Denver, Colorado 80221

February 13, 2013

Table of Contents

1. Introduction

This report summarizes the results of the second half semi-annual groundwater monitoring and free phase hydrocarbon removal activities at the Former Lee Gas Plant (Site) in Lea County, New Mexico (Figure 1). Tasman Geosciences, LLC (Tasman) conducted these activities on behalf of DCP Midstream, LP (DCP). The field activities performed during the reporting period 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 during the second half of 2012 and data collected during previous reporting periods.

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 (approximate coordinates 32.800 degrees north and -103.495 degrees west). It is approximately 0.45 miles southeast of the intersection of US Highway 238 and County Road 50. The area is sparsely populated and land use is primarily associated with livestock grazing and oil and gas extraction and conveyance.

According to information provided in previous Site investigation reports, Lee 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). The first 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. Several additional subsurface investigations took place in order to determine the extent of both the free and dissolved phase hydrocarbon plumes, requiring the installation of monitoring and recovery wells as specified below:

- MW-5 through MW-8 and RW-1: Installed May 1990; LNAPL recovery began on 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.

Following installation of the final six wells, quarterly groundwater sampling commenced. BDM International, Inc. suggested initiation of additional remedial activities. A soil vapor extraction (SVE) and air sparge system operated between 1993 and 2004. Currently the Lee Gas Plant is sampled on a semi-annual basis.

3. Groundwater Monitoring

This section describes the groundwater field and laboratory activities performed during the second half semi-annual 2012 monitoring event. 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 second half semi-annual 2012 event, groundwater levels were measured at eighteen of the nineteen Site monitoring well locations. Monitoring well MW-15 was not gauged due to an impassible obstruction in the well casing.

Groundwater levels were measured on the north side of the well casing to the nearest 0.01-foot using an oil-water interface probe (IP). Groundwater level data were later converted to elevation (feet above mean sea level [AMSL]). Measured groundwater levels and calculated groundwater elevation data are presented in Table 1 and a second half semi-annual 2012 groundwater elevation contour map is illustrated on Figure 3. The presence of LNAPL, where detected by the IP, is also presented in Table 1.

Groundwater elevations ranged from 3,869.35 feet AMSL at monitoring well MW-20 to 3,873.18 feet AMSL at monitoring well MW-16. Groundwater flow at the Site generally trends to the southwest (Figure 3) with a gradient of approximately 0.0027 foot per foot between monitoring wells MW-16 and MW-20. Groundwater elevations from the highest and lowest measured wells were not used in calculating hydraulic gradient due to the presence of LNAPL and corrections required. The selected elevations were directly measured and are representative of the general observed gradient and flow direction.

LNAPL was detected at the following locations, with measured thickness indicated in parenthesis:

- MW-5 (0.38-ft)
- MW-6 (0.06-ft)
- MW-8 (0.25-ft)

As stated above, although LNAPL has been routinely observed in monitoring well MW-15, it was not gauged during the second half semi-annual 2012 event. The well was obstructed and will be redeveloped during the 2013 1st semiannual event in an attempt to clear the obstruction.

3.2 Groundwater Quality Monitoring

Subsequent to the collection of groundwater level measurements at each monitoring well, groundwater samples were collected from fourteen of nineteen wells. Monitoring wells with detected LNAPL (MW-5, MW-6, MW-8), were not sampled. Additionally, MW-3 did not contain sufficient water to obtain a representative sample.

A minimum of three well casing volumes of groundwater were purged from each monitoring well prior to collecting groundwater samples. Groundwater samples were collected using dedicated polyethylene bailers, placed in clean laboratory supplied containers for the selected analytical methods and 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.

Concentrations exceeding the applicable groundwater standard are summarized below.

- Benzene was detected at concentrations in excess of the New Mexico Water Quality Control Commission Standard of 0.01 milligrams per liter (mg/L) at five locations:
  - **MW-9:** 13 mg/L
  - **MW-10:** 27 mg/L
  - **MW-12:** 5.5 mg/L
  - **MW-16:** 0.051 mg/L
  - **MW-21:** 1.9 mg/L
- LNAPL was detected at three (3) locations as indicated in Section 3.1 above.

Figure 4 shows all analytical results from the second half semi-annual 2012 event, in addition to the first half semi-annual 2012 analytical results.

Table 2 presents second half semi-annual 2012 analytical data as well as recent historical results. Laboratory analytical reports for the event are included in Appendix A. Historical analytical results through the December 2012 event are included in Appendix C.

Water quality parameters were collected during the second half semi-annual 2012 monitoring event, and parameter stabilization was achieved within three purge volumes. Therefore, the analytical data are considered to be representative of site conditions.

4. Free Phase Hydrocarbon Removal

Measureable free phase hydrocarbons (FPH) were detected during the reporting period in monitoring wells MW-5, MW-6, and MW-8. These wells were gauged monthly during the second half of 2012, but

there was insufficient volume of FPH to bail product from the wells. FPH gauging activities for the second half of 2012 are summarized in Appendix B.

5. Conclusions

Comparison of the second half semi-annual 2012 monitoring data with historic information provides the following general observations:

- Based on historical groundwater elevations, the potentiometric surface has remained relatively stable with minor seasonal fluctuations.
- Benzene concentrations observed in MW-7 decreased below laboratory detection limits for the first time since June 2011. However, monitoring wells MW-10 and MW-12, located immediately downgradient to MW-7, continue to exhibit benzene concentrations in exceedance of the New Mexico Water Quality Control Commission Groundwater Standard.
- Elevated benzene concentrations were observed for the first time in MW-16, located at the northern portion of the Site in the area of MW-15. Measurable LNAPL historically has been observed in monitoring wells, including MW-15, located at the northern end of the Site where the former evaporation ponds were located. In order to determine if dissolved phase petroleum hydrocarbons have reached the north portion of the facility, additional monitoring is required to establish a trend.

6. Recommendations

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

- Continue groundwater monitoring and sampling at the monitoring locations illustrated on Figure 2 in order to delineate any potential movement of the dissolved phase hydrocarbon plume in the central and northern areas of the Site.
- Continue assessment of the LNAPL gauging/removal activities conducted at the Site.

Tables

TABLE 1
SECOND HALF SEMI ANNUAL 2012
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* (feet amsl)	Groundwater Elevation Since Previous Event (3) (feet)
MW-3	9/24/2010					3980.27	3872.68	-0.07
MW-3	6/3/2011	107.54			108.84	3980.27	3872.73	0.05
MW-3	12/15/2011	107.56			108.84	3980.27	3872.71	-0.02
MW-3	6/7/2012	107.70			108.84	3980.27	3872.57	-0.14
MW-3	12/6/2012	107.63			108.84	3980.27	3872.64	0.07
MW-5*	9/24/2010					3979.82	3872.95	-0.59
MW-5*	6/3/2011	106.87	106.56	0.31	112.64	3979.82	3873.18	0.23
MW-5*	12/15/2011	107.52	106.70	0.82	112.64	3979.82	3872.92	-0.27
MW-5*	6/7/2012	107.85	107.12	0.73	112.64	3979.82	3872.52	-0.40
MW-5*	12/6/2012	107.79	107.41	0.38	112.64	3979.82	3872.32	-0.20
MW-6*	9/24/2010					3981.79	3873.30	-0.46
MW-6*	6/3/2011	108.32	108.25	0.07	113.20	3981.79	3873.52	0.22
MW-6*	12/15/2011	108.79	108.69	0.10	113.20	3981.79	3873.08	-0.45
MW-6*	6/7/2012	109.13	109.00	0.13	113.20	3981.79	3872.76	-0.32
MW-6*	12/6/2012	109.22	109.16	0.06	113.20	3981.79	3872.62	-0.14
MW-7	9/24/2010					3978.45	3871.98	-0.09
MW-7	6/3/2011	106.69			111.67	3978.45	3871.76	-0.22
MW-7	12/15/2011	107.06			111.67	3978.45	3871.39	-0.37
MW-7	6/7/2012	107.35			111.67	3978.45	3871.10	-0.29
MW-7	12/6/2012	107.57			111.67	3978.45	3870.88	-0.22
MW-8*	9/24/2010					3979.96	3871.99	-0.22
MW-8*	6/3/2011	108.01	107.80	0.21	110.82	3979.96	3872.11	0.12
MW-8*	12/15/2011	108.59	108.19	0.40	110.82	3979.96	3871.67	-0.44
MW-8*	6/7/2012	108.90	108.61	0.29	110.82	3979.96	3871.28	-0.39
MW-8*	12/6/2012	109.05	108.80	0.25	110.82	3979.96	3871.10	-0.18
MW-9*	9/24/2010					3980.17	3872.19	-0.05
MW-9*	6/3/2011	108.21	108.19	0.02	116.92	3980.17	3871.98	-0.22
MW-9	12/16/2011	108.68			116.92	3980.17	3871.49	-0.48
MW-9	6/7/2012	109.00			116.92	3980.17	3871.17	-0.32
MW-9	12/7/2012	109.21			116.92	3980.17	3870.96	-0.21
MW-10	9/24/2010					3979.66	3871.87	-0.08
MW-10	6/3/2011	107.99			117.41	3979.66	3871.67	-0.20
MW-10	12/15/2011	108.35			117.41	3979.66	3871.31	-0.36
MW-10	6/7/2012	108.71			117.41	3979.66	3870.95	-0.36
MW-10	12/7/2012	108.91			117.41	3979.66	3870.75	-0.20
MW-11	9/24/2010					3978.50	3871.55	-0.03
MW-11	6/3/2011	107.19			117.98	3978.50	3871.31	-0.24
MW-11	12/15/2011	107.60			117.98	3978.50	3870.90	-0.41
MW-11	6/8/2012	108.01			117.98	3978.50	3870.49	-0.41
MW-11	12/6/2012	108.04			117.98	3978.50	3870.46	-0.03
MW-12	9/24/2010					3978.82	3871.46	-0.01
MW-12	6/3/2011	107.62			117.35	3978.82	3871.20	-0.26
MW-12	12/16/2011	108.06			117.35	3978.82	3870.76	-0.44
MW-12	6/7/2012	107.27			117.35	3978.82	3871.55	0.79
MW-12	12/7/2012	108.53			117.35	3978.82	3870.29	-1.26
MW-13	9/24/2010					3980.52	3871.34	-0.03
MW-13	6/3/2011	109.42			117.27	3980.52	3871.10	-0.24
MW-13	12/16/2011	109.92			117.27	3980.52	3870.60	-0.50
MW-13	6/7/2012	110.10			117.27	3980.52	3870.42	-0.18
MW-13	12/6/2012	110.33			117.27	3980.52	3870.19	-0.23

TABLE 1
SECOND HALF SEMI ANNUAL 2012
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* (feet amsl)	Groundwater Elevation Since Previous Event (3) (feet)
MW-14	9/24/2010					3982.23	3871.72	-0.06
MW-14	6/3/2011	110.76			118.36	3982.23	3871.47	-0.25
MW-14	12/15/2011	111.23			118.36	3982.23	3871.00	-0.47
MW-14	6/7/2012	111.50			118.36	3982.23	3870.73	-0.27
MW-14	12/7/2012	111.71			118.36	3982.23	3870.52	-0.21
MW-15*	9/24/2010					3981.70	NM	
MW-15*	6/3/2011	110.38	107.44	2.94	122.70	3981.70	3873.53	
MW-15*	12/15/2011	111.96	107.55	4.41	122.70	3981.70	3873.05	-0.48
MW-15*	6/7/2012	NM	NM	NM	122.70	3981.70	NM	NM
MW-15*	12/7/2102	NM	NM	NM	122.70	3981.70	NM	NM
MW-16	9/24/2010					3980.80	3874.22	-0.07
MW-16	6/3/2011	106.73			122.74	3980.80	3874.07	-0.15
MW-16	12/15/2011	107.19			122.74	3980.80	3873.61	-0.46
MW-16	6/8/2012	107.45			122.74	3980.80	3873.35	-0.26
MW-16	12/6/2012	107.62			122.74	3980.80	3873.18	-0.17
MW-17	9/24/2010					3981.80	3872.85	-0.06
MW-17	6/3/2011	109.13			124.12	3981.80	3872.67	-0.18
MW-17	12/15/2011	109.67			124.12	3981.80	3872.13	-0.54
MW-17	6/7/2012	109.94			124.12	3981.80	3871.86	-0.27
MW-17	12/6/2012	110.11			124.12	3981.80	3871.69	-0.17
MW-18	9/24/2010					3983.10	3872.82	-0.05
MW-18	6/3/2011	110.47			125.42	3983.10	3872.63	-0.19
MW-18	12/16/2011	111.09			125.42	3983.10	3872.01	-0.62
MW-18	6/7/2012	111.26			125.42	3983.10	3871.84	-0.17
MW-18	12/6/2012	111.43			125.42	3983.10	3871.67	-0.17
MW-19	9/24/2010					3980.80	3870.64	-0.04
MW-19	6/3/2011	110.42			126.56	3980.80	3870.38	-0.26
MW-19	12/16/2011	110.98			126.56	3980.80	3869.82	-0.56
MW-19	6/7/2012	111.15			126.56	3980.80	3869.65	-0.17
MW-19	12/6/2012	111.33			126.56	3980.80	3869.47	-0.18
MW-20	9/24/2010					3983.30	3870.54	-0.03
MW-20	6/3/2011	113.04			128.22	3983.30	3870.26	-0.28
MW-20	12/15/2011	113.72			128.22	3983.30	3869.58	-0.68
MW-20	6/7/2012	113.85			128.22	3983.30	3869.45	-0.13
MW-20	12/6/2012	113.95			128.22	3983.30	3869.35	-0.10
MW-21	9/24/2010					NM	NM	
MW-21	6/3/2011	109.28			123.59	NM	NM	
MW-21	12/15/2011	109.70			123.59	NM	NM	
MW-21	6/7/2012	110.01			123.59	NM	NM	
MW-21	12/7/2012	110.15			123.59	NM	NM	
MW-22	9/24/2010					NM	NM	
MW-22	6/3/2011	108.97			148.62	NM	NM	
MW-22	12/15/2011	109.38			148.62	NM	NM	
MW-22	6/7/2012	109.70			148.62	NM	NM	
MW-22	12/6/2012	109.86			148.62	NM	NM	
Average change in groundwater elevation since the previous monitoring event								-0.23

TABLE 1
SECOND HALF SEMI ANNUAL 2012
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* (feet amsl)	Groundwater Elevation Since Previous Event (3) (feet)

Notes:

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

2- Total depths were collected and recorded during the second half semi-annual 2012 monitoring event (with the exception of wells that contained LNAPL).

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

4- Data presented for well locations includes previous four sampling events, when available. Historic groundwater elevation data prior to the 2010 semi-annual event may be found in Appendix C. Sample locations are shown on Figure 2 and a groundwater elevation contour map is shown on Figure 3.

5- MW-15 was not gauged during the second half semi-annual event due to an obstruction in the well at 110.76 feet below the top of casing.

amsl - feet above mean sea level.

TOC - top of casing

NM - not measured

* 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 Density)

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

TABLE 2
SECOND HALF SEMI ANNUAL 2012
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 Comission Groundwater Standards		0.01 (mg/l)	0.75 (mg/l)	0.75 (mg/l)	0.62 (mg/l)	
MW-3	9/24/2010	NS	NS	NS	NS	
MW-3	6/3/2011	NS	NS	NS	NS	
MW-3	12/15/2011	NS	NS	NS	NS	
MW-3	6/7/2012	NS	NS	NS	NS	
MW-3	12/6/2012	NS	NS	NS	NS	
MW-5*	9/24/2010	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5*	6/3/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5*	12/15/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5*	6/7/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5*	12/6/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6*	9/24/2010	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6*	6/3/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6*	12/15/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6*	6/7/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6*	12/6/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-7	9/24/2010	0.976	0.00057	0.0083	<0.0017	
MW-7	6/3/2011	<0.001	<0.002	<0.002	<0.004	
MW-7	12/15/2011	0.0013	<0.002	<0.002	<0.004	
MW-7	6/7/2012	0.037	<0.005	<0.005	<0.015	
MW-7	12/6/2012	<0.001	<0.001	<0.001	<0.003	
MW-8*	9/24/2010	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8*	6/3/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8*	12/15/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8*	6/7/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8*	12/6/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	9/24/2010	0.0167	<0.002	0.0008	<0.0017	
MW-9*	6/3/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	12/16/2011	12.5	<0.40	0.390	<0.80	
MW-9	6/7/2012	13.0	0.44	<0.025	<0.075	
MW-9	12/7/2012	13.0	0.89	<0.050	0.28	Duplicate sample collected
MW-10	9/24/2010	12.2	<0.002	0.0723	0.0026	
MW-10	6/3/2011	<0.001	<0.002	<0.002	<0.004	
MW-10	12/15/2011	12.5	<0.40	0.204	<0.80	
MW-10	6/7/2012	29.0	0.19	<0.05	<0.15	
MW-10	12/7/2012	27.0	0.23	<0.050	<0.15	
MW-11	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-11	6/3/2011	<0.001	<0.002	<0.002	<0.004	
MW-11	12/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-11	6/8/2012	<0.005	<0.005	<0.005	<0.015	
MW-11	12/6/2012	<0.001	<0.001	<0.001	<0.003	
MW-12	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-12	6/3/2011	<0.001	<0.002	<0.002	<0.004	
MW-12	12/16/2011	<0.001	<0.002	<0.002	<0.004	
MW-12	6/7/2012	0.74	<0.005	<0.005	<0.015	
MW-12	12/7/2012	5.5	0.0086	<0.005	<0.015	
MW-13	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-13	6/3/2011	<0.001	<0.002	<0.002	<0.004	
MW-13	12/16/2011	<0.001	<0.002	<0.002	<0.004	
MW-13	6/7/2012	<0.005	<0.005	<0.005	<0.015	
MW-13	12/6/2012	<0.001	<0.001	<0.001	<0.003	

TABLE 2
SECOND HALF SEMI ANNUAL 2012
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 Comission Groundwater Standards		**0.01 (mg/l)**	**0.75 (mg/l)**	**0.75 (mg/l)**	**0.62 (mg/l)**	
MW-14	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-14	6/3/2011	NS	NS	NS	NS	
MW-14	12/15/2011	**0.231**	<0.002	0.0095	<0.004	
MW-14	6/7/2012	<0.005	<0.005	<0.005	<0.015	
MW-14	12/7/2012	0.0024	<0.001	<0.001	<0.003	
MW-15*	9/24/2010	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15*	6/3/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15*	12/15/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15*	6/7/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15*	12/6/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-16	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-16	6/3/2011	NS	NS	NS	NS	
MW-16	12/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	6/8/2012	<0.005	<0.005	<0.005	<0.015	
MW-16	12/6/2012	**0.051**	0.0013	0.0027	<0.003	
MW-17	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-17	6/3/2011	NS	NS	NS	NS	
MW-17	12/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-17	6/7/2012	<0.005	<0.005	<0.005	<0.015	
MW-17	12/6/2012	<0.001	<0.001	<0.001	<0.003	
MW-18	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-18	6/3/2011	NS	NS	NS	NS	
MW-18	12/16/2011	<0.001	<0.002	<0.002	<0.004	
MW-18	6/7/2012	<0.005	<0.005	<0.005	<0.015	
MW-18	12/6/2012	<0.001	<0.001	<0.001	<0.003	
MW-19	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-19	6/3/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	12/16/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	6/7/2012	<0.005	<0.005	<0.005	<0.015	
MW-19	12/6/2012	<0.001	<0.001	<0.001	<0.003	
MW-20	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-20	6/3/2011	<0.001	<0.002	<0.002	<0.004	
MW-20	12/15/2011	0.0013	<0.002	<0.002	<0.004	
MW-20	6/7/2012	<0.005	<0.005	<0.005	<0.015	
MW-20	12/6/2012	<0.001	<0.001	<0.001	<0.003	
MW-21	9/24/2010	**11.555**	0.0019	**1.535**	0.02645	
MW-21	6/3/2011	**7.97**	0.0012	0.536	<0.004	Duplicate sample collected
MW-21	12/16/2011	**0.671**	<0.02	0.0513	<0.04	Duplicate sample collected
MW-21	6/7/2012	**4.4**	0.24	<0.025	0.086	Duplicate sample collected
MW-21	12/7/2012	**1.9**	0.24	<0.005	0.098	
MW-22	9/24/2010	**0.0114**	<0.002	0.0033	<0.006	
MW-22	6/3/2011	NS	NS	NS	NS	
MW-22	12/16/2011	<0.001	<0.002	<0.002	<0.004	
MW-22	6/7/2012	<0.005	<0.005	<0.005	<0.015	
MW-22	12/6/2012	<0.001	<0.001	<0.001	<0.003	

Notes:

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

2.) Data presented for all well locations includes previous four sampling events, when available. Historic groundwater elevation data prior to the 2010 semi-annual event may be found in Appendix C.

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

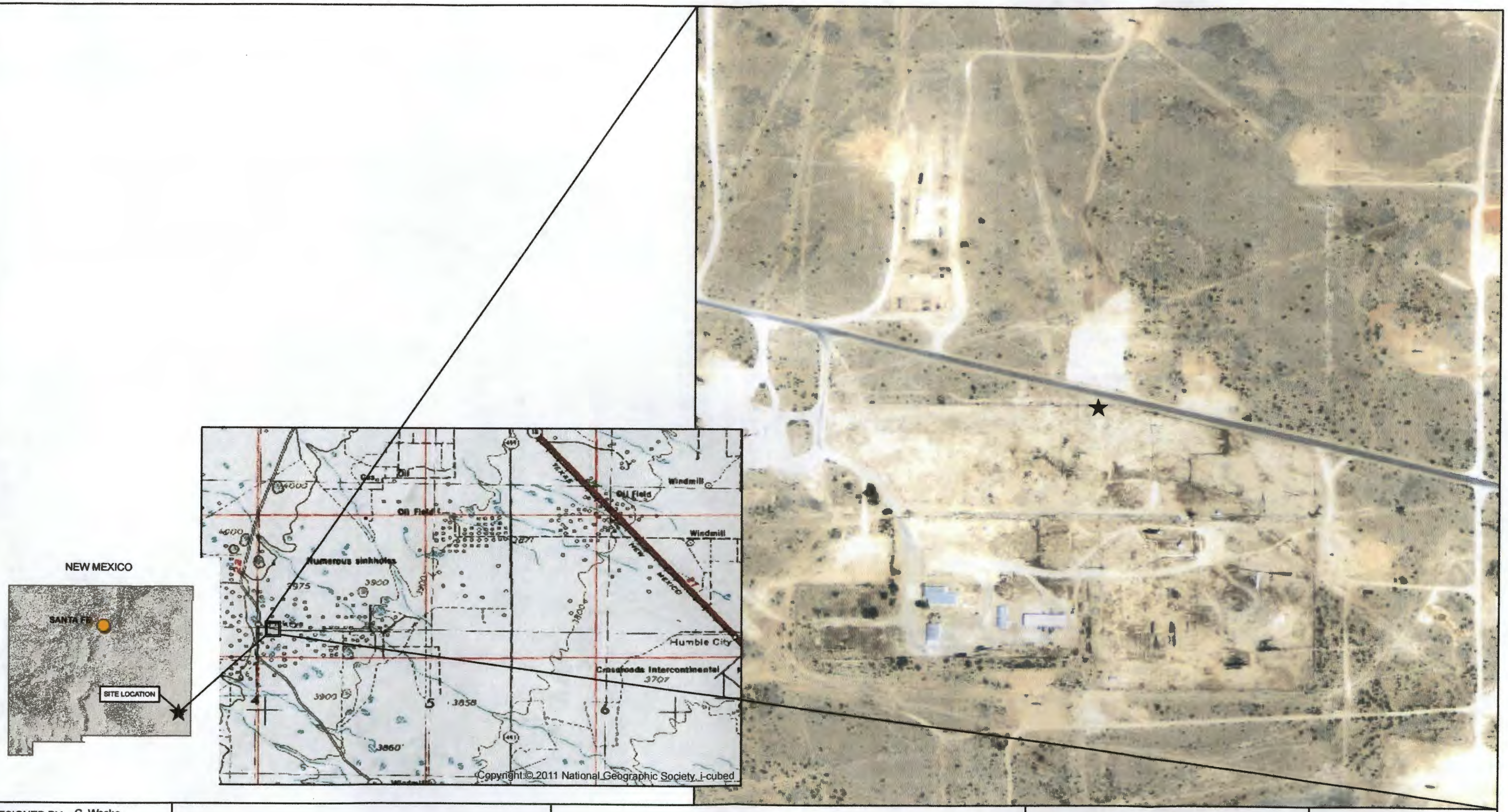
Sample locations are shown on Figure 2 and analytical results are illustrated on Figure 4.

LNAPL = Light Non-Aqueous Phase Liquid

NM = Not measured.

mg/L = milligrams per liter.

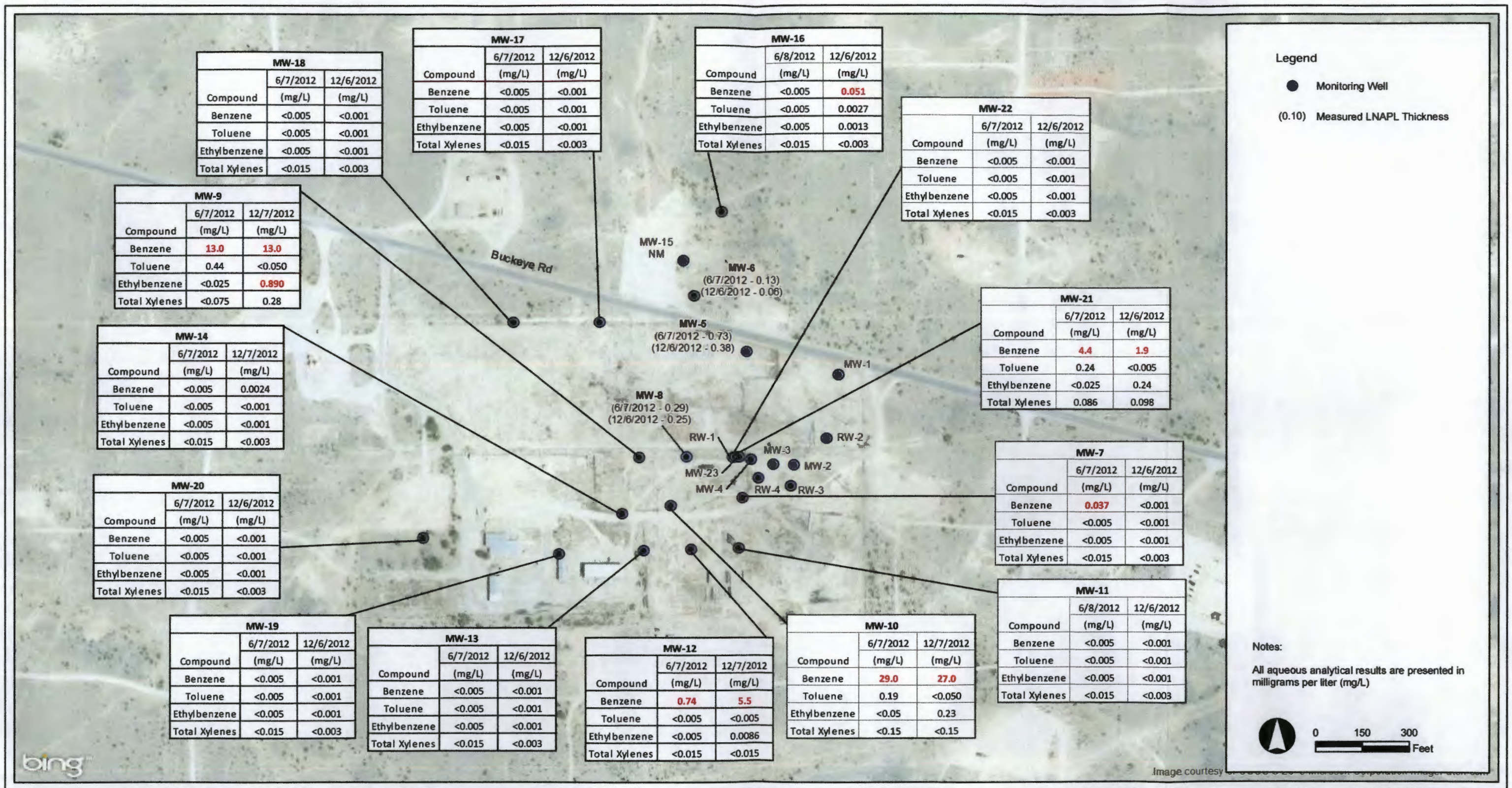
Figures



DESIGNED BY: C. Wasko DRAWN BY: J. Clonts SHEET CHK'D BY: CROSS CHK'D BY: APPROVED BY: APPROVED BY:	TASMAN GEOSCIENCES Tasman Geosciences, LLC 6899 Pecos Street - Unit C Denver, CO 80221 303 487 1228	**FORMER LEE GAS PLANT**	SITE LOCATION	FIGURE 1

DESIGNED BY: C. Wasko DRAWN BY: J. Clonts SHEET CHK'D BY: CROSS CHK'D BY: APPROVED BY: APPROVED BY:	TASMAN GEOSCIENCES Tasman Geosciences, LLC 6899 Pecos Street - Unit C Denver, CO 80221 303 487 1228	FORMER LEE GAS PLANT	SITE MAP	FIGURE 2

DESIGNED BY: C. Wasko DRAWN BY: J. Clonts SHEET CHK'D BY: CROSS CHK'D BY: APPROVED BY: APPROVED BY:	TASMAN GEOSCIENCES Tasman Geosciences, LLC 6899 Pecos Street - Unit C Denver, CO 80221 303 487 1228	FORMER LEE GAS PLANT *Second Half 2012 Semi-Annual Groundwater Monitoring Summary Report*	GROUNDWATER ELEVATION CONTOUR MAP (DECMEBER 6 & 7, 2012)	FIGURE 3



MW-18

Compound	6/7/2012 (mg/L)	12/6/2012 (mg/L)
Benzene	<0.005	<0.001
Toluene	<0.005	<0.001
Ethylbenzene	<0.005	<0.001
Total Xylenes	<0.015	<0.003

MW-17

Compound	6/7/2012 (mg/L)	12/6/2012 (mg/L)
Benzene	<0.005	<0.001
Toluene	<0.005	<0.001
Ethylbenzene	<0.005	<0.001
Total Xylenes	<0.015	<0.003

MW-16

Compound	6/8/2012 (mg/L)	12/6/2012 (mg/L)
Benzene	<0.005	0.051
Toluene	<0.005	0.0027
Ethylbenzene	<0.005	0.0013
Total Xylenes	<0.015	<0.003

MW-22

Compound	6/7/2012 (mg/L)	12/6/2012 (mg/L)
Benzene	<0.005	<0.001
Toluene	<0.005	<0.001
Ethylbenzene	<0.005	<0.001
Total Xylenes	<0.015	<0.003

MW-9

Compound	6/7/2012 (mg/L)	12/7/2012 (mg/L)
Benzene	13.0	13.0
Toluene	0.44	<0.050
Ethylbenzene	<0.025	0.890
Total Xylenes	<0.075	0.28

MW-21

Compound	6/7/2012 (mg/L)	12/6/2012 (mg/L)
Benzene	4.4	1.9
Toluene	0.24	<0.005
Ethylbenzene	<0.025	0.24
Total Xylenes	0.086	0.098

MW-14

Compound	6/7/2012 (mg/L)	12/7/2012 (mg/L)
Benzene	<0.005	0.0024
Toluene	<0.005	<0.001
Ethylbenzene	<0.005	<0.001
Total Xylenes	<0.015	<0.003

MW-7

Compound	6/7/2012 (mg/L)	12/6/2012 (mg/L)
Benzene	0.037	<0.001
Toluene	<0.005	<0.001
Ethylbenzene	<0.005	<0.001
Total Xylenes	<0.015	<0.003

MW-20

Compound	6/7/2012 (mg/L)	12/6/2012 (mg/L)
Benzene	<0.005	<0.001
Toluene	<0.005	<0.001
Ethylbenzene	<0.005	<0.001
Total Xylenes	<0.015	<0.003

MW-11

Compound	6/8/2012 (mg/L)	12/6/2012 (mg/L)
Benzene	<0.005	<0.001
Toluene	<0.005	<0.001
Ethylbenzene	<0.005	<0.001
Total Xylenes	<0.015	<0.003

MW-19

Compound	6/7/2012 (mg/L)	12/6/2012 (mg/L)
Benzene	<0.005	<0.001
Toluene	<0.005	<0.001
Ethylbenzene	<0.005	<0.001
Total Xylenes	<0.015	<0.003

MW-13

Compound	6/7/2012 (mg/L)	12/6/2012 (mg/L)
Benzene	<0.005	<0.001
Toluene	<0.005	<0.001
Ethylbenzene	<0.005	<0.001
Total Xylenes	<0.015	<0.003

MW-12

Compound	6/7/2012 (mg/L)	12/7/2012 (mg/L)
Benzene	0.74	5.5
Toluene	<0.005	<0.005
Ethylbenzene	<0.005	0.0086
Total Xylenes	<0.015	<0.015

MW-10

Compound	6/7/2012 (mg/L)	12/7/2012 (mg/L)
Benzene	29.0	27.0
Toluene	0.19	<0.050
Ethylbenzene	<0.05	0.23
Total Xylenes	<0.15	<0.15

DESIGNED BY: C. Wasko
DRAWN BY: J. Clonts
SHEET CHK'D BY:
CROSS CHK'D BY:
APPROVED BY:
APPROVED BY:

TASMAN GEOSCIENCES
Tasman Geosciences, LLC
6899 Pecos Street - Unit C
Denver, CO 80221
303 487 1228

FORMER LEE GAS PLANT

Second Half 2012 Semi-Annual Groundwater Monitoring Summary Report

ANALYTICAL RESULTS MAP

FIGURE 4

Appendix A

Laboratory Analytical Reports

17-Dec-2012

Christine Wasko
Tasman Geosciences
5690 Webster Street
Arvada, CO 80002

Tel: (720) 988-2024
Fax:

Re: Lee Plant

Work Order: **1212297**

Dear Christine,

ALS Environmental received 16 samples on 08-Dec-2012 09:30 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 30.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Electronically approved by: Jumoke M. Lawal

Sonia West
Project Manager

Certificate No: T104704231-09A-TX

ALS Environmental

Date: 17-Dec-12

Client: Tasman Geosciences
Project: Lee Plant
Work Order: **1212297**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1212297-01	MW-7	Water		12/6/2012 16:00	12/8/2012 09:30	☐
1212297-02	MW-9	Water		12/7/2012 09:55	12/8/2012 09:30	☐
1212297-03	MW-10	Water		12/7/2012 11:00	12/8/2012 09:30	☐
1212297-04	MW-11	Water		12/6/2012 14:20	12/8/2012 09:30	☐
1212297-05	MW-12	Water		12/7/2012 09:15	12/8/2012 09:30	☐
1212297-06	MW-13	Water		12/6/2012 15:00	12/8/2012 09:30	☐
1212297-07	MW-14	Water		12/7/2012 08:05	12/8/2012 09:30	☐
1212297-08	MW-16	Water		12/6/2012 09:10	12/8/2012 09:30	☐
1212297-09	MW-17	Water		12/6/2012 09:55	12/8/2012 09:30	☐
1212297-10	MW-18	Water		12/6/2012 11:00	12/8/2012 09:30	☐
1212297-11	MW-19	Water		12/6/2012 11:50	12/8/2012 09:30	☐
1212297-12	MW-20	Water		12/6/2012 12:40	12/8/2012 09:30	☐
1212297-13	MW-21	Water		12/7/2012 11:10	12/8/2012 09:30	☐
1212297-14	MW-22	Water		12/6/2012 13:45	12/8/2012 09:30	☐
1212297-15	Duplicate	Water		12/6/2012	12/8/2012 09:30	☐
1212297-16	Trip Blank	Water		12/6/2012	12/8/2012 09:30	☐

Client:	Tasman Geosciences
Project:	Lee Plant
Work Order:	1212297

Case Narrative

Batch R1399904, BTEX 8260, Sample 1212294-19A: The MS/MSD was for an unrelated sample.

ALS Environmental

Date: *17-Dec-12*

Client: Tasman Geosciences
Project: Lee Plant
Work Order: 1212297
Sample ID: MW-7
Lab ID: 1212297-01
Collection Date: 12/6/2012 04:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW LEVEL VOLATILES - SW8260C			**SW8260**			Analyst: **AKP**
Benzene	ND		0.0010	mg/L	1	12/12/2012 08:52 PM
Ethylbenzene	ND		0.0010	mg/L	1	12/12/2012 08:52 PM
Toluene	ND		0.0010	mg/L	1	12/12/2012 08:52 PM
Xylenes, Total	ND		0.0030	mg/L	1	12/12/2012 08:52 PM
Surr: 1,2-Dichloroethane-d4	*84.2*		*71-125*	*%REC*	1	12/12/2012 08:52 PM
Surr: 4-Bromofluorobenzene	*103*		*70-125*	*%REC*	1	12/12/2012 08:52 PM
Surr: Dibromofluoromethane	*94.8*		*74-125*	*%REC*	1	12/12/2012 08:52 PM
Surr: Toluene-d8	*102*		*78-123*	*%REC*	1	12/12/2012 08:52 PM

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

ALS Environmental

Date: *17-Dec-12*

Client: Tasman Geosciences
Project: Lee Plant
Work Order: 1212297
Sample ID: MW-9
Lab ID: 1212297-02
Collection Date: 12/7/2012 09:55 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW LEVEL VOLATILES - SW8260C			**SW8260**			Analyst: **AKP**
Benzene	**13**		**0.25**	**mg/L**	250	12/15/2012 07:06 AM
Ethylbenzene	**0.88**		**0.050**	**mg/L**	50	12/15/2012 06:42 AM
Toluene	ND		0.050	mg/L	50	12/15/2012 06:42 AM
Xylenes, Total	**0.28**		**0.15**	**mg/L**	50	12/15/2012 06:42 AM
Surr: 1,2-Dichloroethane-d4	*89.8*		*71-125*	*%REC*	250	12/15/2012 07:06 AM
Surr: 1,2-Dichloroethane-d4	*88.4*		*71-125*	*%REC*	50	12/15/2012 06:42 AM
Surr: 4-Bromofluorobenzene	*84.8*		*70-125*	*%REC*	250	12/15/2012 07:06 AM
Surr: 4-Bromofluorobenzene	*83.7*		*70-125*	*%REC*	50	12/15/2012 06:42 AM
Surr: Dibromofluoromethane	*92.3*		*74-125*	*%REC*	250	12/15/2012 07:06 AM
Surr: Dibromofluoromethane	*90.2*		*74-125*	*%REC*	50	12/15/2012 06:42 AM
Surr: Toluene-d8	*93.7*		*78-123*	*%REC*	250	12/15/2012 07:06 AM
Surr: Toluene-d8	*92.9*		*78-123*	*%REC*	50	12/15/2012 06:42 AM

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

ALS Environmental

Date: *17-Dec-12*

Client: Tasman Geosciences
Project: Lee Plant
Work Order: 1212297
Sample ID: MW-10
Lab ID: 1212297-03
Collection Date: 12/7/2012 11:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW LEVEL VOLATILES - SW8260C			**SW8260**			Analyst: **AKP**
Benzene	**27**		**0.25**	**mg/L**	250	12/15/2012 07:55 AM
Ethylbenzene	**0.23**		**0.050**	**mg/L**	50	12/15/2012 07:31 AM
Toluene	ND		0.050	mg/L	50	12/15/2012 07:31 AM
Xylenes, Total	ND		0.15	mg/L	50	12/15/2012 07:31 AM
Surr: 1,2-Dichloroethane-d4	*90.8*		*71-125*	*%REC*	250	12/15/2012 07:55 AM
Surr: 1,2-Dichloroethane-d4	*89.4*		*71-125*	*%REC*	50	12/15/2012 07:31 AM
Surr: 4-Bromofluorobenzene	*82.9*		*70-125*	*%REC*	250	12/15/2012 07:55 AM
Surr: 4-Bromofluorobenzene	*83.6*		*70-125*	*%REC*	50	12/15/2012 07:31 AM
Surr: Dibromofluoromethane	*93.0*		*74-125*	*%REC*	250	12/15/2012 07:55 AM
Surr: Dibromofluoromethane	*92.1*		*74-125*	*%REC*	50	12/15/2012 07:31 AM
Surr: Toluene-d8	*93.0*		*78-123*	*%REC*	250	12/15/2012 07:55 AM
Surr: Toluene-d8	*92.6*		*78-123*	*%REC*	50	12/15/2012 07:31 AM

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

ALS Environmental

Date: *17-Dec-12*

Client: Tasman Geosciences
Project: Lee Plant
Work Order: 1212297
Sample ID: MW-11
Lab ID: 1212297-04
Collection Date: 12/6/2012 02:20 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW LEVEL VOLATILES - SW8260C			**SW8260**			Analyst: **AKP**
Benzene	ND		0.0010	mg/L	1	12/12/2012 09:17 PM
Ethylbenzene	ND		0.0010	mg/L	1	12/12/2012 09:17 PM
Toluene	ND		0.0010	mg/L	1	12/12/2012 09:17 PM
Xylenes, Total	ND		0.0030	mg/L	1	12/12/2012 09:17 PM
Surr: 1,2-Dichloroethane-d4	*86.3*		*71-125*	*%REC*	1	12/12/2012 09:17 PM
Surr: 4-Bromofluorobenzene	*96.1*		*70-125*	*%REC*	1	12/12/2012 09:17 PM
Surr: Dibromofluoromethane	*95.8*		*74-125*	*%REC*	1	12/12/2012 09:17 PM
Surr: Toluene-d8	*96.9*		*78-123*	*%REC*	1	12/12/2012 09:17 PM

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

ALS Environmental

Date: *17-Dec-12*

Client: Tasman Geosciences
Project: Lee Plant
Work Order: 1212297
Sample ID: MW-12
Lab ID: 1212297-05
Collection Date: 12/7/2012 09:15 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW LEVEL VOLATILES - SW8260C			**SW8260**			Analyst: **AKP**
Benzene	**5.5**		**0.050**	**mg/L**	50	12/16/2012 01:49 AM
Ethylbenzene	**0.0086**		**0.0050**	**mg/L**	5	12/15/2012 08:19 AM
Toluene	ND		0.0050	mg/L	5	12/15/2012 08:19 AM
Xylenes, Total	ND		0.015	mg/L	5	12/15/2012 08:19 AM
Surr: 1,2-Dichloroethane-d4	*89.9*		*71-125*	*%REC*	50	12/16/2012 01:49 AM
Surr: 1,2-Dichloroethane-d4	*88.2*		*71-125*	*%REC*	5	12/15/2012 08:19 AM
Surr: 4-Bromofluorobenzene	*84.9*		*70-125*	*%REC*	50	12/16/2012 01:49 AM
Surr: 4-Bromofluorobenzene	*83.3*		*70-125*	*%REC*	5	12/15/2012 08:19 AM
Surr: Dibromofluoromethane	*93.6*		*74-125*	*%REC*	50	12/16/2012 01:49 AM
Surr: Dibromofluoromethane	*92.7*		*74-125*	*%REC*	5	12/15/2012 08:19 AM
Surr: Toluene-d8	*94.5*		*78-123*	*%REC*	50	12/16/2012 01:49 AM
Surr: Toluene-d8	*93.3*		*78-123*	*%REC*	5	12/15/2012 08:19 AM

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

ALS Environmental

Date: *17-Dec-12*

Client: Tasman Geosciences
Project: Lee Plant
Work Order: 1212297
Sample ID: MW-13
Lab ID: 1212297-06
Collection Date: 12/6/2012 03:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW LEVEL VOLATILES - SW8260C			**SW8260**			Analyst: **AKP**
Benzene	ND		0.0010	mg/L	1	12/12/2012 07:15 PM
Ethylbenzene	ND		0.0010	mg/L	1	12/12/2012 07:15 PM
Toluene	ND		0.0010	mg/L	1	12/12/2012 07:15 PM
Xylenes, Total	ND		0.0030	mg/L	1	12/12/2012 07:15 PM
Surr: 1,2-Dichloroethane-d4	*88.6*		*71-125*	*%REC*	1	12/12/2012 07:15 PM
Surr: 4-Bromofluorobenzene	*95.4*		*70-125*	*%REC*	1	12/12/2012 07:15 PM
Surr: Dibromofluoromethane	*98.6*		*74-125*	*%REC*	1	12/12/2012 07:15 PM
Surr: Toluene-d8	*97.7*		*78-123*	*%REC*	1	12/12/2012 07:15 PM

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

ALS Environmental

Date: *17-Dec-12*

Client: Tasman Geosciences
Project: Lee Plant
Work Order: 1212297
Sample ID: MW-14
Lab ID: 1212297-07
Collection Date: 12/7/2012 08:05 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW LEVEL VOLATILES - SW8260C			**SW8260**			Analyst: **AKP**
Benzene	**0.0024**		**0.0010**	**mg/L**	1	12/12/2012 09:41 PM
Ethylbenzene	ND		0.0010	mg/L	1	12/12/2012 09:41 PM
Toluene	ND		0.0010	mg/L	1	12/12/2012 09:41 PM
Xylenes, Total	ND		0.0030	mg/L	1	12/12/2012 09:41 PM
Surr: 1,2-Dichloroethane-d4	*87.7*		*71-125*	*%REC*	1	12/12/2012 09:41 PM
Surr: 4-Bromofluorobenzene	*98.0*		*70-125*	*%REC*	1	12/12/2012 09:41 PM
Surr: Dibromofluoromethane	*96.0*		*74-125*	*%REC*	1	12/12/2012 09:41 PM
Surr: Toluene-d8	*92.3*		*78-123*	*%REC*	1	12/12/2012 09:41 PM

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

ALS Environmental

Date: *17-Dec-12*

Client: Tasman Geosciences
Project: Lee Plant
Work Order: 1212297
Sample ID: MW-16
Lab ID: 1212297-08
Collection Date: 12/6/2012 09:10 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW LEVEL VOLATILES - SW8260C			**SW8260**			Analyst: **AKP**
Benzene	**0.051**		**0.0010**	**mg/L**	1	12/12/2012 10:05 PM
Ethylbenzene	**0.0013**		**0.0010**	**mg/L**	1	12/12/2012 10:05 PM
Toluene	**0.0027**		**0.0010**	**mg/L**	1	12/12/2012 10:05 PM
Xylenes, Total	ND		0.0030	mg/L	1	12/12/2012 10:05 PM
Surr: 1,2-Dichloroethane-d4	*82.7*		*71-125*	*%REC*	1	12/12/2012 10:05 PM
Surr: 4-Bromofluorobenzene	*95.5*		*70-125*	*%REC*	1	12/12/2012 10:05 PM
Surr: Dibromofluoromethane	*92.5*		*74-125*	*%REC*	1	12/12/2012 10:05 PM
Surr: Toluene-d8	*99.0*		*78-123*	*%REC*	1	12/12/2012 10:05 PM

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

ALS Environmental

Date: *17-Dec-12*

Client: Tasman Geosciences
Project: Lee Plant
Work Order: 1212297
Sample ID: MW-17
Lab ID: 1212297-09
Collection Date: 12/6/2012 09:55 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW LEVEL VOLATILES - SW8260C			**SW8260**			Analyst: **AKP**
Benzene	ND		0.0010	mg/L	1	12/12/2012 10:30 PM
Ethylbenzene	ND		0.0010	mg/L	1	12/12/2012 10:30 PM
Toluene	ND		0.0010	mg/L	1	12/12/2012 10:30 PM
Xylenes, Total	ND		0.0030	mg/L	1	12/12/2012 10:30 PM
Surr: 1,2-Dichloroethane-d4	*84.8*		*71-125*	*%REC*	1	12/12/2012 10:30 PM
Surr: 4-Bromofluorobenzene	*95.7*		*70-125*	*%REC*	1	12/12/2012 10:30 PM
Surr: Dibromofluoromethane	*94.1*		*74-125*	*%REC*	1	12/12/2012 10:30 PM
Surr: Toluene-d8	*98.3*		*78-123*	*%REC*	1	12/12/2012 10:30 PM

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

ALS Environmental

Date: *17-Dec-12*

Client: Tasman Geosciences
Project: Lee Plant
Work Order: 1212297
Sample ID: MW-18
Lab ID: 1212297-10
Collection Date: 12/6/2012 11:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW LEVEL VOLATILES - SW8260C			**SW8260**			Analyst: **AKP**
Benzene	ND		0.0010	mg/L	1	12/12/2012 10:54 PM
Ethylbenzene	ND		0.0010	mg/L	1	12/12/2012 10:54 PM
Toluene	ND		0.0010	mg/L	1	12/12/2012 10:54 PM
Xylenes, Total	ND		0.0030	mg/L	1	12/12/2012 10:54 PM
Surr: 1,2-Dichloroethane-d4	*88.0*		*71-125*	*%REC*	1	12/12/2012 10:54 PM
Surr: 4-Bromofluorobenzene	*97.0*		*70-125*	*%REC*	1	12/12/2012 10:54 PM
Surr: Dibromofluoromethane	*98.6*		*74-125*	*%REC*	1	12/12/2012 10:54 PM
Surr: Toluene-d8	*96.3*		*78-123*	*%REC*	1	12/12/2012 10:54 PM

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

ALS Environmental

Date: *17-Dec-12*

Client: Tasman Geosciences
Project: Lee Plant
Work Order: 1212297
Sample ID: MW-19
Lab ID: 1212297-11
Collection Date: 12/6/2012 11:50 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW LEVEL VOLATILES - SW8260C			**SW8260**			Analyst: **AKP**
Benzene	ND		0.0010	mg/L	1	12/12/2012 11:18 PM
Ethylbenzene	ND		0.0010	mg/L	1	12/12/2012 11:18 PM
Toluene	ND		0.0010	mg/L	1	12/12/2012 11:18 PM
Xylenes, Total	ND		0.0030	mg/L	1	12/12/2012 11:18 PM
Surr: 1,2-Dichloroethane-d4	*88.8*		*71-125*	*%REC*	1	12/12/2012 11:18 PM
Surr: 4-Bromofluorobenzene	*95.9*		*70-125*	*%REC*	1	12/12/2012 11:18 PM
Surr: Dibromofluoromethane	*98.4*		*74-125*	*%REC*	1	12/12/2012 11:18 PM
Surr: Toluene-d8	*96.9*		*78-123*	*%REC*	1	12/12/2012 11:18 PM

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

ALS Environmental

Date: *17-Dec-12*

Client: Tasman Geosciences
Project: Lee Plant
Work Order: 1212297
Sample ID: MW-20
Lab ID: 1212297-12
Collection Date: 12/6/2012 12:40 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW LEVEL VOLATILES - SW8260C			**SW8260**			Analyst: **AKP**
Benzene	ND		0.0010	mg/L	1	12/12/2012 11:43 PM
Ethylbenzene	ND		0.0010	mg/L	1	12/12/2012 11:43 PM
Toluene	ND		0.0010	mg/L	1	12/12/2012 11:43 PM
Xylenes, Total	ND		0.0030	mg/L	1	12/12/2012 11:43 PM
Surr: 1,2-Dichloroethane-d4	*87.1*		*71-125*	*%REC*	1	12/12/2012 11:43 PM
Surr: 4-Bromofluorobenzene	*96.0*		*70-125*	*%REC*	1	12/12/2012 11:43 PM
Surr: Dibromofluoromethane	*99.0*		*74-125*	*%REC*	1	12/12/2012 11:43 PM
Surr: Toluene-d8	*97.5*		*78-123*	*%REC*	1	12/12/2012 11:43 PM

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

ALS Environmental

Date: *17-Dec-12*

Client: Tasman Geosciences
Project: Lee Plant
Work Order: 1212297
Sample ID: MW-21
Lab ID: 1212297-13
Collection Date: 12/7/2012 11:10 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW LEVEL VOLATILES - SW8260C			**SW8260**			Analyst: **AKP**
Benzene	**1.9**		**0.025**	**mg/L**	25	12/16/2012 06:40 AM
Ethylbenzene	**0.24**		**0.0050**	**mg/L**	5	12/16/2012 06:16 AM
Toluene	ND		0.0050	mg/L	5	12/16/2012 06:16 AM
Xylenes, Total	**0.098**		**0.015**	**mg/L**	5	12/16/2012 06:16 AM
Surr: 1,2-Dichloroethane-d4	*87.9*		*71-125*	*%REC*	25	12/16/2012 06:40 AM
Surr: 1,2-Dichloroethane-d4	*89.4*		*71-125*	*%REC*	5	12/16/2012 06:16 AM
Surr: 4-Bromofluorobenzene	*83.9*		*70-125*	*%REC*	25	12/16/2012 06:40 AM
Surr: 4-Bromofluorobenzene	*85.2*		*70-125*	*%REC*	5	12/16/2012 06:16 AM
Surr: Dibromofluoromethane	*90.8*		*74-125*	*%REC*	25	12/16/2012 06:40 AM
Surr: Dibromofluoromethane	*91.1*		*74-125*	*%REC*	5	12/16/2012 06:16 AM
Surr: Toluene-d8	*93.3*		*78-123*	*%REC*	25	12/16/2012 06:40 AM
Surr: Toluene-d8	*93.4*		*78-123*	*%REC*	5	12/16/2012 06:16 AM

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

ALS Environmental

Date: *17-Dec-12*

Client: Tasman Geosciences
Project: Lee Plant
Work Order: 1212297
Sample ID: MW-22
Lab ID: 1212297-14
Collection Date: 12/6/2012 01:45 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW LEVEL VOLATILES - SW8260C			**SW8260**			Analyst: **AKP**
Benzene	ND		0.0010	mg/L	1	12/13/2012 12:07 AM
Ethylbenzene	ND		0.0010	mg/L	1	12/13/2012 12:07 AM
Toluene	ND		0.0010	mg/L	1	12/13/2012 12:07 AM
Xylenes, Total	ND		0.0030	mg/L	1	12/13/2012 12:07 AM
Surr: 1,2-Dichloroethane-d4	*88.0*		*71-125*	*%REC*	1	12/13/2012 12:07 AM
Surr: 4-Bromofluorobenzene	*95.4*		*70-125*	*%REC*	1	12/13/2012 12:07 AM
Surr: Dibromofluoromethane	*99.4*		*74-125*	*%REC*	1	12/13/2012 12:07 AM
Surr: Toluene-d8	*96.5*		*78-123*	*%REC*	1	12/13/2012 12:07 AM

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

ALS Environmental

Date: *17-Dec-12*

Client: Tasman Geosciences
Project: Lee Plant
Work Order: 1212297
Sample ID: Duplicate
Lab ID: 1212297-15
Collection Date: 12/6/2012
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW LEVEL VOLATILES - SW8260C			**SW8260**			Analyst: **AKP**
Benzene	**13**		**0.25**	**mg/L**	250	12/16/2012 07:29 AM
Ethylbenzene	**0.89**		**0.050**	**mg/L**	50	12/16/2012 07:04 AM
Toluene	ND		0.050	mg/L	50	12/16/2012 07:04 AM
Xylenes, Total	**0.28**		**0.15**	**mg/L**	50	12/16/2012 07:04 AM
Surr: 1,2-Dichloroethane-d4	*92.7*		*71-125*	*%REC*	250	12/16/2012 07:29 AM
Surr: 1,2-Dichloroethane-d4	*88.7*		*71-125*	*%REC*	50	12/16/2012 07:04 AM
Surr: 4-Bromofluorobenzene	*83.6*		*70-125*	*%REC*	250	12/16/2012 07:29 AM
Surr: 4-Bromofluorobenzene	*84.5*		*70-125*	*%REC*	50	12/16/2012 07:04 AM
Surr: Dibromofluoromethane	*95.7*		*74-125*	*%REC*	250	12/16/2012 07:29 AM
Surr: Dibromofluoromethane	*91.0*		*74-125*	*%REC*	50	12/16/2012 07:04 AM
Surr: Toluene-d8	*93.8*		*78-123*	*%REC*	250	12/16/2012 07:29 AM
Surr: Toluene-d8	*93.6*		*78-123*	*%REC*	50	12/16/2012 07:04 AM

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

ALS Environmental

Date: *17-Dec-12*

Client: Tasman Geosciences
Project: Lee Plant
Work Order: 1212297
Sample ID: Trip Blank
Lab ID: 1212297-16
Collection Date: 12/6/2012
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
LOW LEVEL VOLATILES - SW8260C			**SW8260**			Analyst: **AKP**
Benzene	ND		0.0010	mg/L	1	12/12/2012 06:51 PM
Ethylbenzene	ND		0.0010	mg/L	1	12/12/2012 06:51 PM
Toluene	ND		0.0010	mg/L	1	12/12/2012 06:51 PM
Xylenes, Total	ND		0.0030	mg/L	1	12/12/2012 06:51 PM
Surr: 1,2-Dichloroethane-d4	*90.4*		*71-125*	*%REC*	1	12/12/2012 06:51 PM
Surr: 4-Bromofluorobenzene	*95.8*		*70-125*	*%REC*	1	12/12/2012 06:51 PM
Surr: Dibromofluoromethane	*100*		*74-125*	*%REC*	1	12/12/2012 06:51 PM
Surr: Toluene-d8	*96.7*		*78-123*	*%REC*	1	12/12/2012 06:51 PM

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

Batch ID: **R139746** Instrument ID **VOA8** Method: **SW8260**

MBLK Sample ID: **VBLKW-121212-R139746** Units: **µg/L** Analysis Date: **12/12/2012 06:27 PM**

Client ID: Run ID: **VOA8_121212A** SeqNo: **3050704** Prep Date: 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	0.50								
Surr: 1,2-Dichloroethane-d4	*44.57*	1.0	*50*	0	*89.1*	*71-125*	0			
Surr: 4-Bromofluorobenzene	*48.08*	1.0	*50*	0	*96.2*	*70-125*	0			
Surr: Dibromofluoromethane	*49.87*	1.0	*50*	0	*99.7*	*74-125*	0			
Surr: Toluene-d8	*48.68*	1.0	*50*	0	*97.4*	*78-123*	0			

LCS Sample ID: **VLCSW-121212-R139746** Units: **µg/L** Analysis Date: **12/12/2012 04:49 PM**

Client ID: Run ID: **VOA8_121212A** SeqNo: **3050702** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	47.16	1.0	50	0	94.3	80-120	0			
Ethylbenzene	52.53	1.0	50	0	105	80-120	0			
Toluene	48.09	1.0	50	0	96.2	80-121	0			
Xylenes, Total	162.9	0.50	150	0	109	80-124	0			
Surr: 1,2-Dichloroethane-d4	*40*	1.0	*50*	0	*80*	*71-125*	0			
Surr: 4-Bromofluorobenzene	*51.34*	1.0	*50*	0	*103*	*70-125*	0			
Surr: Dibromofluoromethane	*47.05*	1.0	*50*	0	*94.1*	*74-125*	0			
Surr: Toluene-d8	*48.21*	1.0	*50*	0	*96.4*	*78-123*	0			

LCSD Sample ID: **VLCSDW-121212-R139746** Units: **µg/L** Analysis Date: **12/12/2012 05:13 PM**

Client ID: Run ID: **VOA8_121212A** SeqNo: **3050703** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	48.13	1.0	50	0	96.3	80-120	47.16	2.03	20	
Ethylbenzene	53.03	1.0	50	0	106	80-120	52.53	0.948	20	
Toluene	48.48	1.0	50	0	97	80-121	48.09	0.811	20	
Xylenes, Total	165	0.50	150	0	110	80-124	162.9	1.26	20	
Surr: 1,2-Dichloroethane-d4	*40.61*	1.0	*50*	0	*81.2*	*71-125*	40	*1.51*	*20*	
Surr: 4-Bromofluorobenzene	*51.72*	1.0	*50*	0	*103*	*70-125*	51.34	*0.732*	*20*	
Surr: Dibromofluoromethane	*46.25*	1.0	*50*	0	*92.5*	*74-125*	47.05	*1.72*	*20*	
Surr: Toluene-d8	*48.86*	1.0	*50*	0	*97.7*	*78-123*	48.21	*1.34*	*20*	

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

Client: Tasman Geosciences
Work Order: 1212297
Project: Lee Plant

QC BATCH REPORT

Batch ID: **R139746** Instrument ID **VOA8** Method: **SW8260**

MS Sample ID: **1212297-06AMS** Units: **µg/L** Analysis Date: **12/12/2012 07:40 PM**

Client ID: **MW-13** Run ID: **VOA8_121212A** SeqNo: **3050707** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	55.35	1.0	50	0.326	110	80-120	0			
Ethylbenzene	55.8	1.0	50	0	112	80-120	0			
Toluene	53.04	1.0	50	0	106	80-121	0			
Xylenes, Total	170.1	0.50	150	0	113	80-124	0			
Surr: 1,2-Dichloroethane-d4	*40.45*	1.0	*50*	0	*80.9*	*71-125*	0			
Surr: 4-Bromofluorobenzene	*50.18*	1.0	*50*	0	*100*	*70-125*	0			
Surr: Dibromofluoromethane	*47.67*	1.0	*50*	0	*95.3*	*74-125*	0			
Surr: Toluene-d8	*49.75*	1.0	*50*	0	*99.5*	*78-123*	0			

MSD Sample ID: **1212297-06AMSD** Units: **µg/L** Analysis Date: **12/12/2012 08:04 PM**

Client ID: **MW-13** Run ID: **VOA8_121212A** SeqNo: **3050708** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	54.41	1.0	50	0.326	108	80-120	55.35	1.7	20	
Ethylbenzene	56.88	1.0	50	0	114	80-120	55.8	1.93	20	
Toluene	53.72	1.0	50	0	107	80-121	53.04	1.28	20	
Xylenes, Total	175.7	0.50	150	0	117	80-124	170.1	3.25	20	
Surr: 1,2-Dichloroethane-d4	*39.6*	1.0	*50*	0	*79.2*	*71-125*	40.45	*2.14*	*20*	
Surr: 4-Bromofluorobenzene	*49.72*	1.0	*50*	0	*99.4*	*70-125*	50.18	*0.923*	*20*	
Surr: Dibromofluoromethane	*46.14*	1.0	*50*	0	*92.3*	*74-125*	47.67	*3.28*	*20*	
Surr: Toluene-d8	*49.61*	1.0	*50*	0	*99.2*	*78-123*	49.75	*0.276*	*20*	

The following samples were analyzed in this batch:

1212297-01A	1212297-04A	1212297-06A
1212297-07A	1212297-08A	1212297-09A
1212297-10A	1212297-11A	1212297-12A
1212297-14A	1212297-16A	

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

Client: Tasman Geosciences
Work Order: 1212297
Project: Lee Plant

QC BATCH REPORT

Batch ID: **R139904** Instrument ID **VOA4** Method: **SW8260**

MBLK Sample ID: **VBLKW-121214-R139904** Units: **µg/L** Analysis Date: **12/14/2012 11:26 PM**
Client ID: Run ID: **VOA4_121214B** SeqNo: **3054499** Prep Date: 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	0.50								
Surr: 1,2-Dichloroethane-d4	*45.27*	1.0	*50*	0	*90.5*	*71-125*	0			
Surr: 4-Bromofluorobenzene	*42.28*	1.0	*50*	0	*84.6*	*70-125*	0			
Surr: Dibromofluoromethane	*46.57*	1.0	*50*	0	*93.1*	*74-125*	0			
Surr: Toluene-d8	*47.07*	1.0	*50*	0	*94.1*	*78-123*	0			

LCS Sample ID: **VLCSW-121214-R139904** Units: **µg/L** Analysis Date: **12/14/2012 10:13 PM**
Client ID: Run ID: **VOA4_121214B** SeqNo: **3054497** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	49.59	1.0	50	0	99.2	80-120	0			
Ethylbenzene	52.54	1.0	50	0	105	80-120	0			
Toluene	51.8	1.0	50	0	104	80-121	0			
Xylenes, Total	156.1	0.50	150	0	104	80-124	0			
Surr: 1,2-Dichloroethane-d4	*42.9*	1.0	*50*	0	*85.8*	*71-125*	0			
Surr: 4-Bromofluorobenzene	*44.56*	1.0	*50*	0	*89.1*	*70-125*	0			
Surr: Dibromofluoromethane	*45.57*	1.0	*50*	0	*91.1*	*74-125*	0			
Surr: Toluene-d8	*46.86*	1.0	*50*	0	*93.7*	*78-123*	0			

LCSD Sample ID: **VLCSDW-121214-R139904** Units: **µg/L** Analysis Date: **12/14/2012 10:37 PM**
Client ID: Run ID: **VOA4_121214B** SeqNo: **3054498** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	48.06	1.0	50	0	96.1	80-120	49.59	3.13	20	
Ethylbenzene	50.77	1.0	50	0	102	80-120	52.54	3.42	20	
Toluene	49.16	1.0	50	0	98.3	80-121	51.8	5.23	20	
Xylenes, Total	150.3	0.50	150	0	100	80-124	156.1	3.82	20	
Surr: 1,2-Dichloroethane-d4	*42*	1.0	*50*	0	*84*	*71-125*	42.9	*2.12*	*20*	
Surr: 4-Bromofluorobenzene	*44.55*	1.0	*50*	0	*89.1*	*70-125*	44.56	*0.0353*	*20*	
Surr: Dibromofluoromethane	*45.45*	1.0	*50*	0	*90.9*	*74-125*	45.57	*0.252*	*20*	
Surr: Toluene-d8	*46.28*	1.0	*50*	0	*92.6*	*78-123*	46.86	*1.24*	*20*	

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

Client: Tasman Geosciences
Work Order: 1212297
Project: Lee Plant

QC BATCH REPORT

Batch ID: **R139904** Instrument ID **VOA4** Method: **SW8260**

MS Sample ID: **1212294-19AMS** Units: **µg/L** Analysis Date: **12/15/2012 12:38 AM**

Client ID: Run ID: **VOA4_121214B** SeqNo: **3054502** Prep Date: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	3590	50	2500	2084	60.2	80-120	0			S
Ethylbenzene	2713	50	2500	165.6	102	80-120	0			
Toluene	2557	50	2500	0	102	80-121	0			
Xylenes, Total	7949	25	7500	328.3	102	80-124	0			
Surr: 1,2-Dichloroethane-d4	*2147*	50	*2500*	0	*85.9*	*71-125*	0			
Surr: 4-Bromofluorobenzene	*2218*	50	*2500*	0	*88.7*	*70-125*	0			
Surr: Dibromofluoromethane	*2265*	50	*2500*	0	*90.6*	*74-125*	0			
Surr: Toluene-d8	*2321*	50	*2500*	0	*92.8*	*78-123*	0			

MSD Sample ID: **1212294-19AMSD** Units: **µg/L** Analysis Date: **12/15/2012 01:03 AM**

Client ID: Run ID: **VOA4_121214B** SeqNo: **3054503** Prep Date: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	50	2500	2084	-83.4	80-120	3590	0	20	S
Ethylbenzene	2584	50	2500	165.6	96.7	80-120	2713	4.89	20	
Toluene	2436	50	2500	0	97.4	80-121	2557	4.85	20	
Xylenes, Total	7611	25	7500	328.3	97.1	80-124	7949	4.34	20	
Surr: 1,2-Dichloroethane-d4	*2122*	50	*2500*	0	*84.9*	*71-125*	2147	*1.21*	*20*	
Surr: 4-Bromofluorobenzene	*2217*	50	*2500*	0	*88.7*	*70-125*	2218	*0.0309*	*20*	
Surr: Dibromofluoromethane	*2263*	50	*2500*	0	*90.5*	*74-125*	2265	*0.076*	*20*	
Surr: Toluene-d8	*2314*	50	*2500*	0	*92.5*	*78-123*	2321	*0.323*	*20*	

The following samples were analyzed in this batch: 1212297-02A 1212297-03A 1212297-05A

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

Client: Tasman Geosciences
Work Order: 1212297
Project: Lee Plant

QC BATCH REPORT

Batch ID: **R139916** Instrument ID **VOA4** Method: **SW8260**

MBLK Sample ID: **VBLKW-121215-R139916** Units: **µg/L** Analysis Date: **12/16/2012 12:11 AM**
Client ID: Run ID: **VOA4_121215A** SeqNo: **3054760** Prep Date: 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	0.50								
Surr: 1,2-Dichloroethane-d4	*45.28*	1.0	*50*	0	*90.6*	*71-125*	0			
Surr: 4-Bromofluorobenzene	*41.78*	1.0	*50*	0	*83.6*	*70-125*	0			
Surr: Dibromofluoromethane	*46.07*	1.0	*50*	0	*92.1*	*74-125*	0			
Surr: Toluene-d8	*46.38*	1.0	*50*	0	*92.8*	*78-123*	0			

LCS Sample ID: **VLCSW-121215-R139916** Units: **µg/L** Analysis Date: **12/15/2012 10:59 PM**
Client ID: Run ID: **VOA4_121215A** SeqNo: **3054758** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	50.73	1.0	50	0	101	80-120	0			
Ethylbenzene	53.38	1.0	50	0	107	80-120	0			
Toluene	51.92	1.0	50	0	104	80-121	0			
Xylenes, Total	158.7	0.50	150	0	106	80-124	0			
Surr: 1,2-Dichloroethane-d4	*43.2*	1.0	*50*	0	*86.4*	*71-125*	0			
Surr: 4-Bromofluorobenzene	*44.96*	1.0	*50*	0	*89.9*	*70-125*	0			
Surr: Dibromofluoromethane	*45.7*	1.0	*50*	0	*91.4*	*74-125*	0			
Surr: Toluene-d8	*46.56*	1.0	*50*	0	*93.1*	*78-123*	0			

LCSD Sample ID: **VLCSDW-121215-R139916** Units: **µg/L** Analysis Date: **12/15/2012 11:23 PM**
Client ID: Run ID: **VOA4_121215A** SeqNo: **3054759** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	48.41	1.0	50	0	96.8	80-120	50.73	4.67	20	
Ethylbenzene	51.02	1.0	50	0	102	80-120	53.38	4.53	20	
Toluene	49.93	1.0	50	0	99.9	80-121	51.92	3.92	20	
Xylenes, Total	151.8	0.50	150	0	101	80-124	158.7	4.5	20	
Surr: 1,2-Dichloroethane-d4	*42.66*	1.0	*50*	0	*85.3*	*71-125*	43.2	*1.26*	*20*	
Surr: 4-Bromofluorobenzene	*44.22*	1.0	*50*	0	*88.4*	*70-125*	44.96	*1.68*	*20*	
Surr: Dibromofluoromethane	*45.73*	1.0	*50*	0	*91.5*	*74-125*	45.7	*0.0572*	*20*	
Surr: Toluene-d8	*46.35*	1.0	*50*	0	*92.7*	*78-123*	46.56	*0.458*	*20*	

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

Client: Tasman Geosciences
Work Order: 1212297
Project: Lee Plant

QC BATCH REPORT

Batch ID: **R139916** Instrument ID **VOA4** Method: **SW8260**

MS Sample ID: **1212312-03AMS** Units: **µg/L** Analysis Date: **12/16/2012 01:00 AM**

Client ID: Run ID: **VOA4_121215A** SeqNo: **3054762** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	54.58	1.0	50	0	109	80-120	0			
Ethylbenzene	55.77	1.0	50	0	112	80-120	0			
Toluene	54.65	1.0	50	0	109	80-121	0			
Xylenes, Total	165.3	0.50	150	0	110	80-124	0			
Surr: 1,2-Dichloroethane-d4	*43.39*	1.0	*50*	0	*86.8*	*71-125*	0			
Surr: 4-Bromofluorobenzene	*43.99*	1.0	*50*	0	*88*	*70-125*	0			
Surr: Dibromofluoromethane	*45.29*	1.0	*50*	0	*90.6*	*74-125*	0			
Surr: Toluene-d8	*46.28*	1.0	*50*	0	*92.6*	*78-123*	0			

MSD Sample ID: **1212312-03AMSD** Units: **µg/L** Analysis Date: **12/16/2012 01:25 AM**

Client ID: Run ID: **VOA4_121215A** SeqNo: **3054763** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	53.25	1.0	50	0	106	80-120	54.58	2.47	20	
Ethylbenzene	55.46	1.0	50	0	111	80-120	55.77	0.559	20	
Toluene	54.55	1.0	50	0	109	80-121	54.65	0.184	20	
Xylenes, Total	164.2	0.50	150	0	109	80-124	165.3	0.632	20	
Surr: 1,2-Dichloroethane-d4	*42.79*	1.0	*50*	0	*85.6*	*71-125*	43.39	*1.4*	*20*	
Surr: 4-Bromofluorobenzene	*43.98*	1.0	*50*	0	*88*	*70-125*	43.99	*0.0341*	*20*	
Surr: Dibromofluoromethane	*45.52*	1.0	*50*	0	*91*	*74-125*	45.29	*0.509*	*20*	
Surr: Toluene-d8	*46.46*	1.0	*50*	0	*92.9*	*78-123*	46.28	*0.378*	*20*	

The following samples were analyzed in this batch: 1212297-05A 1212297-13A 1212297-15A

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

ALS Environmental

Date: 17-Dec-12

Client: Tasman Geosciences
Project: Lee Plant
WorkOrder: **1212297**

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

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 Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Units Reported	Description
mg/L	Milligrams per Liter

ALS Environmental

Sample Receipt Checklist

Client Name: **TASMAN GEOSCIENCES** Date/Time Received: **08-Dec-12 09:30**

Work Order: **1212297** Received by: **RDN**

Checklist completed by Rachel D. Naran (eSignature) 10-Dec-12 (Date) Reviewed by: Sonia West (eSignature) 11-Dec-12 (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):	2.1C U/C	005	
Cooler(s)/Kit(s):	2475		
Date/Time sample(s) sent to storage:	12/10/12 12:36		
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: Trip Blank sample was received but was not listed on the COC. Per clients request, this sample was logged for analysis.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

ALS Environmental

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

Chain of Custody Form

Page 1 of 2

COC ID: 76942

1212297

TASMAN GEOSCIENCES: Tasman Geosciences

Project: Lee Plant- 400128007 GN00

ALS Project Manager:

Customer Information		Project Information			
Purchase Order		Project Name	Lee Plant	A	BTEX (8260)
Work Order		Project Number	400128007 GN00	B	
Company Name	Tasman Geosciences	Bill To Company	DCP Midstream, LP	C	
Send Report To	Christine Wasko	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 80202	G	
Phone	(720) 988-2024	Phone		H	
Fax		Fax		I	
e-Mail Address		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-7	12/6/12	1600	Water	HCl	3	X										☐
2	MW-9	12/9/12	955	Water													☐
3	MW-10	12/7/12	1100	Water													☐
4	MW-11	12/6/12	1420	Water													☐
5	MW-12	12/7/12	915	Water													☐
6	MW-13	12/6/12	1500	Water													☐
7	MW-14	12/7/12	805	Water													☐
8	MW-16	12/6/12	910	Water													☐
9	MW-17	12/6/12	955	Water													☐
10	MW-18	12/6/12	1100	Water													☐

Sampler(s) Please Print & Sign: Christine Wasko

Shipment Method: Fedex

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

	Date:	Time:		
Relinquished by:	12/4/12	1700	Received by: Fedex	Notes: 10 Day TAT.
Relinquished by:	12/8/12	09:30	Received by (Laboratory): KN AS.	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)
☑ Level II Std QC ☐ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other / EDD

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

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
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: 76941

ALS Project Manager: | ALS Work Order #: 1212297

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Lee Plant	A	BTEX (8260)
Work Order		Project Number	400126007 GN00	B	
Company Name	Tasman Geosciences	Bill To Company	DCP Midstream, LP	C	
Send Report To	Christine Wasko	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	(720) 988-2024	Phone		H	
Fax		Fax		I	
e-Mail Address		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-19	12/6/12	1150	Water	HCl	3	X										☐
2	MW-20	12/6/12	1240	Water	"	"	"										☐
3	MW-21	12/7/10	~~1210~~ 1110	Water	"	"	"										☐
4	MW-22	12/6/12	1345	Water	"	"	"										☐
5	Duplicate	—	—	Water	"	"	"										☐
6	MS	12/6/12	1500	Water	"	"	"					MW-13					☐
7	MSD	12/6/12	1500	Water	"	"	"					MW-13					☐
8				Water													☐
9																	
10																	

Sampler(s) Please Print & Sign: Christine Wasko

Shipment Method: FedEx

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date: 12/7/12	Time: 1700	Received by: FedEx	Notes: 10 Day TAT
Relinquished by:	Date: 12/8/12	Time: 09:30	Received by (Laboratory):	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)
☑ Level II Std QC ☐ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other / EDD

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
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
T +1 281 530 5656
F +1 281 530 5887

CUSTODY SEAL

Date: 12/7/12 Time: 1700
Name: Christina Rizo
Company: [illegible]

Seal Broken By: RN
Date: 12/8/12

Lee ant

1212297

Appendix B

Product Recovery Summary

Lee Plant Product Recovery System Surveillance

			7-02-12 @ 10:00 AM	8-06-12 @ 8:45 AM	9-10-12 @ 8:45 AM	10-01-12 @ 8:50 AM	11-05-12 @ 9:00 AM	12-03-12 @ 9"00 AM	Cumulative Hydrocarbon Production Gallons	Cumulative Water Production Gallons
MW15	Product gauge	feet	2.83	2.83	2.83	2.83	2.83	2.83		
	Water gauge	feet	2.83	2.83	2.83	2.83	2.83	2.83		
	Drum height	feet	2.93	2.93	2.93	2.93	2.93	2.93		
	Product thickness	**feet**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**		
	Water thickness	**feet**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**		
	Volume factor	gal/ft	15.66	19.66	19.66	19.66	19.66	19.66		
	Product INCREASE	**gallons**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	531.14	
	Water INCREASE	**gallons**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**		6.07
	Calculated Drum Volume	**gallons**	1.57	1.57	1.57	1.57	1.57	1.57		
	Conversion factor	liters/gal	3.79	3.79	3.79	3.79	3.79	3.79		
	Conversion factor	gal/liter	0.26	0.26	0.26	0.26	0.26	0.26		
	Calculated Volume	**Liters**	**7.45**	**7.45**	**7.45**	**7.45**	**7.45**	**7.45**		
	Product transported off-site (gallons)									
	COMMENT		Tried to gauge well, but could find no product or water tone; lowered probe to bottom of casing and retrieved with mud on bottom of probe	Tried to gauge well, but could find no product or water tone; lowered probe to bottom of casing and retrieved with debris on bottom of probe	Tried to gauge well, but could find no product or water tone; lowered probe to bottom of casing and retrieved with debris on bottom of probe	Tried to gauge well, but could find no product or water tone; lowered probe to bottom of casing and retrieved with debris on bottom of probe	Tried to gauge well, but could find no product or water tone; lowered probe to bottom of casing and retrieved with debris on bottom of probe	Tried to gauge well, but could find no product or water tone; lowered probe to bottom of casing and retrieved with debris on bottom of probe		

Lee Plant Product Recovery System Surveillance

			7-02-12 @ 10:00 AM	8-06-12 @ 8:45 AM	9-10-12 @ 8:45 AM	10-01-12 @ 8:50 AM	11-05-12 @ 9:00 AM	12-03-12 @ 9"00 AM	Cumulative Hydrocarbon Production Gallons	Cumulative Water Production Gallons
MW6	Product guage	feet	2.83	2.83	2.83	2.83	2.83	2.83		
	Water guage	feet	2.83	2.83	2.83	2.83	2.83	2.83		
	Drum height	feet	2.93	2.93	2.93	2.93	2.93	2.93		
	Product thickness	**feet**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**		
	Water thickness	**feet**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**		
	Volume factor	gal/ft	15.66	19.66	19.66	19.66	19.66	19.66		
	Product INCREASE	**gallons**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	677.21	
	Water INCREASE	**gallons**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**		44.47
	Calculated Drum Volume	**gallons**	1.57	1.57	1.57	1.57	1.57	1.57		
	Conversion factor	liters/gal	3.79	3.79	3.79	3.79	3.79	3.79		
	Conversion factor	gal/liter	0.26	0.26	0.26	0.26	0.26	0.26		
	Calculated Volume	**Liters**	**7.45**	**7.45**	**7.45**	**7.45**	**7.45**	**7.45**		
	Product transported off-site (gallons)									
	COMMENTS		Gauged well, but did not actively bail due to lack of free product (~0.03-gallons)	Gauged well, but did not actively bail due to lack of free product (~0.04-gallons)	Gauged well, but did not actively bail due to lack of free product (~0.04-gallons)	Gauged well, but did not actively bail due to lack of free product (~0.05-gallons)	Gauged well, but did not actively bail due to lack of free product (~0.05-gallons)	Gauged well, but did not actively bail due to lack of free product (~0.04-gallons)		

Lee Plant Product Recovery System Surveillance

			7-02-12 @ 10:00 AM	8-06-12 @ 8:45 AM	9-10-12 @ 8:45 AM	10-01-12 @ 8:50 AM	11-05-12 @ 9:00 AM	12-03-12 @ 9"00 AM	Cumulative Hydrocarbon Production Gallons	Cumulative Water Production Gallons
MW5	Product gauge	feet								
	Water gauge	feet								
	Drum height	feet								
	Product thickness	**feet**								
	Water thickness	**feet**								
	Volume factor	gal/ft								
	Product INCREASE	**gallons**							0.00	
	Water INCREASE	**gallons**								0.00
	Calculated Drum Volume	**gallons**								
	Conversion factor	liters/gal								
	Conversion factor	gal/liter								
	Calculated Volume	**Liters**								
	Product transported off-site (gallons)									
	COMMENTS		Gauged well; did not actively bail well due to lack of free product (~0.52 gallons)	Gauged well; did not actively bail well due to lack of free product (~0.55 gallons)	Gauged and bailed well; Volume of product = 0.607 gallons	Gauged well; did not bail due to lack of free product (0.05 gallons)	Gauged well; did not bail due to lack of free product (0.05 gallons)	Gauged well; did not bail due to lack of free product (0.05 gallons)		

Appendix C

Historical Analytical Data

APPENDIX C
HISTORICAL DATA
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 (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-1	3/1/2008	1.4	0.0395	0.948	0.128	
MW-1	6/1/2008	2.75	0.054	2.17	0.232	
MW-1	9/1/2008	1.1	0.0375	0.845	0.131	
MW-1	12/1/2008	0.869	0.0385	0.581	0.0709	
MW-1	3/1/2009	0.288	0.0149	0.107	0.0395	
MW-1	5/1/2009	1.38	0.0705	0.175	0.065	
MW-1	9/1/2009	0.267	0.024	0.0332	0.0078	
MW-1	12/209	0.819	0.088	0.0267	0.012	
MW-1	3/1/2010	0.726	0.0879	0.107	0.0278	
MW-2	3/1/2008	8.98	0.135	6.58	0.765	
MW-2	6/1/2008	24.3	0.319	18.5	2.58	
MW-2	9/1/2008	21.7	0.443	9.79	4.25	
MW-2	12/1/2008	Not Sampled: Remediation Activities				
MW-2	3/1/2009	23.7	0.538	2.34	1.25	
MW-2	5/1/2009	32.7	0.791	1.31	1.69	
MW-2	9/1/2009	29.3	0.491	0.771	0.371	
MW-2	12/1/2009	28.5	0.57	0.347	0.177	
MW-2	3/1/2010	23.8	0.529	0.71	<1.2	
MW-3	9/27/2005	<0.47	<0.54	<0.48	<2.0	
MW-3	12/21/2006	<0.23	<0.54	<0.48	<1.1	
MW-3	3/1/2008	NS	NS	NS	NS	
MW-3	6/1/2008	NS	NS	NS	NS	
MW-3	9/1/2008	NS	NS	NS	NS	
MW-3	12/1/2008	NS	NS	NS	NS	
MW-3	3/1/2009	NS	NS	NS	NS	
MW-3	5/1/2009	NS	NS	NS	NS	
MW-3	9/1/2009	NS	NS	NS	NS	
MW-3	12/1/2009	NS	NS	NS	NS	
MW-3	3/1/2010	NS	NS	NS	NS	
MW-3	3/29/2010	NS	NS	NS	NS	
MW-3	9/24/2010	NS	NS	NS	NS	
MW-3	6/3/2011	NS	NS	NS	NS	
MW-3	12/15/2011	NS	NS	NS	NS	
MW-3	6/7/2012	NS	NS	NS	NS	
MW-3	12/6/2012	NS	NS	NS	NS	
MW-4	12/21/2006	0.03	0.0058	<0.48	0.0075	
MW-4	12/1/2009	NS	NS	NS	NS	
MW-4	6/1/2008	NS	NS	NS	NS	
MW-4	9/1/2008	NS	NS	NS	NS	
MW-4	12/1/2008	NS	NS	NS	NS	
MW-4	3/1/2009	NS	NS	NS	NS	
MW-4	5/1/2009	NS	NS	NS	NS	
MW-4	9/1/2009	NS	NS	NS	NS	
MW-4	12/1/2009	NS	NS	NS	NS	
MW-4	3/1/2010	NS	NS	NS	NS	

APPENDIX C
HISTORICAL DATA
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 (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-5	3/1/2008	NS	NS	NS	NS	
MW-5	3/29/2010	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	9/24/2010	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	6/3/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	12/15/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5	6/7/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-5*	12/6/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6	12/21/2006	<0.23	<0.54	<0.48	<1.1	
MW-6	3/29/2010	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6	9/24/2010	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6	6/3/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6	12/15/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6*	12/6/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-6	6/7/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-7	9/24/2004	<1.0	0.0012	0.0017	<2.0	
MW-7	9/27/2005	0.001	<0.54	0.0025	<2.0	
MW-7	9/15/2006	**0.74**	<0.54	0.0056	0.0086	
MW-7	12/21/2006	<0.23	<0.54	<0.48	<1.1	
MW-7	9/20/2007	**0.864**	<0.00054	0.006	0.0137	
MW-7	9/17/2009	**5.75**	0.0018	0.002	0.0018	
MW-7	3/29/2010	**4.98**	0.0017	0.0146	0.0088	
MW-7	3/29/2010	**4.98**	0.0017	0.0146	0.0088	
MW-7	9/23/2010	**0.976**	0.00057	0.0083	<0.0017	
MW-7	9/24/2010	**0.976**	0.00057	0.0083	<0.0017	
MW-7	6/3/2011	<0.001	<0.002	<0.002	<0.004	
MW-7	6/3/2011	<0.00025	<0.0010	<0.00050	<0.0020	
MW-7	12/15/2011	0.0013	<0.002	<0.002	<0.004	
MW-7	6/7/2012	**0.037**	<0.005	<0.005	<0.015	
MW-7	12/6/2012	<0.001	<0.001	<0.001	<0.003	
MW-8	12/21/2006	<0.23	<0.54	<0.48	<1.1	
MW-8	3/29/2010	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8	9/24/2010	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8	6/3/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8	12/15/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8	6/7/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-8*	12/6/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	9/23/2004	**2.4**	<1.0	0.013	0.0027	
MW-9	9/27/2005	**3.4**	<0.54	0.053	0.0096	
MW-9	9/15/2006	**10.9**	<0.54	-	0.025	
MW-9	9/20/2007	**22.6**	<0.00054	0.27	0.0834	
MW-9	9/17/2009	**10.2**	<0.00043	0.212	0.0351	
MW-9	3/29/2010	**0.376**	<0.002	0.0016	<0.006	
MW-9	3/29/2010	**0.376**	<0.00043	0.0016	<0.0017	
MW-9	9/23/2010	**0.0167**	<0.00043	0.0008	<0.0017	
MW-9	9/24/2010	**0.0167**	<0.002	0.0008	<0.0017	
MW-9	6/3/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-9	12/16/2011	**12.5**	<0.40	0.390	<0.80	
MW-9	6/7/2012	**13.0**	0.44	<0.025	<0.075	
MW-9	12/7/2012	**13.0**	0.89	<0.050	0.28	Duplicate sample collected

APPENDIX C
HISTORICAL DATA
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 (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-10	9/24/2004	**0.022**	<1.0	<1.0	<2.0	
MW-10	9/27/2005	0.0032	<0.54	<0.48	<2.0	
MW-10	9/15/2006	0.0025	<0.54	<0.48	<1.1	
MW-10	9/20/2007	**3.67**	<0.00054	0.0016	<0.0011	
MW-10	9/17/2009	**3.58**	<0.00043	0.0411	<0.0017	
MW-10	3/29/2010	**0.192**	<0.002	0.00095	<0.006	
MW-10	3/29/2010	**0.192**	<0.00043	0.00095	<0.0017	
MW-10	9/24/2010	**12.2**	<0.002	0.0723	0.0026	
MW-10	9/24/2010	**12.2**	<0.00043	0.0723	0.0026	
MW-10	6/3/2011	<0.001	<0.002	<0.002	<0.004	
MW-10	6/3/2011	<0.00025	<0.0010	<0.00050	<0.0020	
MW-10	12/15/2011	**12.5**	<0.40	0.204	<0.80	
MW-10	6/7/2012	**29.0**	0.19	<0.05	<0.15	
MW-10	12/7/2012	**27.0**	0.23	<0.050	<0.15	
MW-11	9/23/2004	<1.0	<1.0	<1.0	<2.0	
MW-11	3/14/2005	<1.0	<1.0	<1.0	<2.0	
MW-11	9/26/2005	<0.47	<0.54	<0.48	<2.0	
MW-11	3/2/2006	<0.47	<0.54	<0.48	<2.0	
MW-11	9/14/2006	<0.23	<0.54	<0.48	<1.1	
MW-11	3/28/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-11	9/20/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-11	3/20/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-11	3/11/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-11	9/18/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-11	3/29/2010	<0.002	<0.002	<0.002	<0.006	
MW-11	3/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-11	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-11	9/24/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-11	6/3/2011	<0.001	<0.002	<0.002	<0.004	
MW-11	6/3/2011	<0.00025	<0.0010	<0.00050	<0.0020	
MW-11	12/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-11	6/8/2012	<0.005	<0.005	<0.005	<0.015	
MW-11	12/6/2012	<0.001	<0.001	<0.001	<0.003	
MW-12	9/23/2004	<1.0	<1.0	<1.0	<2.0	
MW-12	3/14/2005	<1.0	<1.0	<1.0	<2.0	
MW-12	9/26/2005	<0.47	<0.54	<0.48	<2.0	
MW-12	3/2/2006	<0.47	<0.54	<0.48	<2.0	
MW-12	9/14/2006	<0.23	<0.54	<0.48	<1.1	
MW-12	3/28/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-12	9/20/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-12	3/20/2008	<0.00046	0.00065	<0.00045	<0.0014	
MW-12	11/10/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-12	3/11/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-12	9/18/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-12	3/29/2010	<0.002	<0.002	<0.002	<0.006	
MW-12	3/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-12	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-12	9/24/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-12	6/3/2011	<0.001	<0.002	<0.002	<0.004	
MW-12	6/3/2011	<0.00025	<0.0010	<0.00050	<0.0020	
MW-12	12/16/2011	<0.001	<0.002	<0.002	<0.004	
MW-12	6/7/2012	**0.74**	<0.005	<0.005	<0.015	
MW-12	12/7/2012	**5.5**	0.0086	<0.005	<0.015	

APPENDIX C
HISTORICAL DATA
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 (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-13	9/23/2004	<1.0	<1.0	<1.0	<2.0	
MW-13	3/14/2005	<1.0	<1.0	<1.0	<2.0	
MW-13	9/26/2005	<0.47	<0.54	<0.48	<2.0	
MW-13	3/2/2006	<0.47	<0.54	<0.48	<2.0	
MW-13	9/14/2006	<0.23	<0.54	<0.48	<1.1	
MW-13	3/28/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-13	9/20/2007	0.00092	<0.00054	<0.00048	<0.0011	
MW-13	3/20/2008	<0.00046	0.0005	<0.00045	<0.0014	
MW-13	3/11/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-13	9/18/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-13	3/29/2010	<0.002	<0.002	<0.002	<0.006	
MW-13	3/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-13	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-13	9/24/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-13	6/3/2011	<0.001	<0.002	<0.002	<0.004	
MW-13	6/3/2011	<0.00025	<0.0010	<0.00050	<0.0020	
MW-13	12/16/2011	<0.001	<0.002	<0.002	<0.004	
MW-13	6/7/2012	<0.005	<0.005	<0.005	<0.015	
MW-13	12/6/2012	<0.001	<0.001	<0.001	<0.003	
MW-14	9/23/2004	<1.0	<1.0	<1.0	<2.0	
MW-14	9/27/2005	0.0017	<0.54	<0.48	<2.0	
MW-14	9/15/2006	**0.14**	<0.54	0.003	<1.1	
MW-14	9/20/2007	0.003	<0.00054	<0.00048	<0.0011	
MW-14	9/18/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-14	3/29/2010	NS	NS	NS	NS	
MW-14	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-14	9/24/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-14	6/3/2011	NS	NS	NS	NS	
MW-14	12/15/2011	**0.231**	<0.002	0.0095	<0.004	
MW-14	6/7/2012	<0.005	<0.005	<0.005	<0.015	
MW-14	12/7/2012	0.0024	<0.001	<0.001	<0.003	
MW-15	3/29/2010	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15	9/24/2010	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15	6/3/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15	12/15/2011	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15	6/7/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-15*	12/6/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-16	9/23/2004	**0.012**	<1.0	<1.0	<2.0	
MW-16	9/26/2005	**0.016**	<0.54	<0.48	<2.0	
MW-16	9/14/2006	**0.2**	0.0097	0.0035	0.0078	
MW-16	9/20/2007	**0.0309**	0.0014	0.00053	0.0018	
MW-16	9/18/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-16	3/29/2010	NS	NS	NS	NS	
MW-16	9/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-16	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-16	6/3/2011	NS	NS	NS	NS	
MW-16	12/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	6/8/2012	<0.005	<0.005	<0.005	<0.015	
MW-16	12/6/2012	**0.051**	0.0013	0.0027	<0.003	

APPENDIX C
HISTORICAL DATA
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 (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-17	9/23/2004	<1.0	<1.0	<1.0	<2.0	
MW-17	9/26/2005	0.0018	<0.54	<0.48	<2.0	
MW-17	9/14/2006	<0.23	<0.54	<0.48	<1.1	
MW-17	9/20/2007	**0.0118**	<0.00054	<0.00048	<0.0011	
MW-17	9/18/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-17	3/29/2010	NS	NS	NS	NS	
MW-17	9/23/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-17	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-17	6/3/2011	NS	NS	NS	NS	
MW-17	12/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-17	6/7/2012	<0.005	<0.005	<0.005	<0.015	
MW-17	12/6/2012	<0.001	<0.001	<0.001	<0.003	
MW-18	9/23/2004	<1.0	<1.0	<1.0	<2.0	
MW-18	9/26/2005	<0.47	<0.54	<0.48	<2.0	
MW-18	9/14/2006	<0.23	<0.54	<0.48	<1.1	
MW-18	9/20/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-18	9/17/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-18	3/29/2010	NS	NS	NS	NS	
MW-18	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-18	9/24/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-18	6/3/2011	NS	NS	NS	NS	
MW-18	12/16/2011	<0.001	<0.002	<0.002	<0.004	
MW-18	6/7/2012	<0.005	<0.005	<0.005	<0.015	
MW-18	12/6/2012	<0.001	<0.001	<0.001	<0.003	
MW-19	9/23/2004	<1.0	<1.0	<1.0	<2.0	
MW-19	3/14/2005	<1.0	<1.0	<1.0	<2.0	
MW-19	9/26/2005	<0.47	<0.54	<0.48	<2.0	
MW-19	3/2/2006	<0.47	<0.54	<0.48	<2.0	
MW-19	9/14/2006	<0.23	<0.54	<0.48	<1.1	
MW-19	3/28/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-19	9/20/2007	0.001	<0.00054	<0.00048	<0.0011	
MW-19	3/20/2008	<0.00046	0.00061	<0.00045	<0.0014	
MW-19	3/11/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-19	9/17/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-19	3/29/2010	<0.002	<0.002	<0.002	<0.006	
MW-19	3/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-19	9/24/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-19	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-19	9/24/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-19	6/3/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	6/3/2011	<0.00025	<0.0010	<0.00050	<0.0020	
MW-19	12/16/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	6/7/2012	<0.005	<0.005	<0.005	<0.015	
MW-19	12/6/2012	<0.001	<0.001	<0.001	<0.003	

APPENDIX C
HISTORICAL DATA
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 (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-20	9/23/2004	<11	<11	<11	<22	
MW-20	3/14/2005	<1.0	<1.0	<1.0	<2.0	
MW-20	9/26/2005	<0.47	<0.54	<0.48		
MW-20	3/2/2006	<0.47	<0.54	<0.48	<2.0	
MW-20	9/14/2006	<0.23	<0.54	0.0023	<1.1	
MW-20	3/28/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-20	9/20/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-20	3/20/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-20	3/11/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-20	9/17/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-20	3/29/2010	<0.002	<0.002	<0.002	<0.006	
MW-20	3/29/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-20	9/24/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-20	9/24/2010	<0.002	<0.002	<0.002	<0.006	
MW-20	9/24/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-20	6/3/2011	<0.001	<0.002	<0.002	<0.004	
MW-20	6/3/2011	<0.00025	<0.0010	<0.00050	<0.0020	
MW-20	12/15/2011	0.0013	<0.002	<0.002	<0.004	
MW-20	6/7/2012	<0.005	<0.005	<0.005	<0.015	
MW-20	12/6/2012	<0.001	<0.001	<0.001	<0.003	
MW-21	9/23/2004	**8.5**	<1.0	0.14	0.2	
MW-21	3/14/2005	**6.7**	<1.0	0.17	0.29	
MW-21	9/27/2005	**4.4**	<0.54	0.087	0.11	
MW-21	3/2/2006	**2.4**	0.00062	0.069	0.11	
MW-21	9/15/2006	**0.48**	<0.54	0.023	0.034	
MW-21	3/28/2007	**13.2**	0.0059	**0.839**	**0.883**	
MW-21	9/20/2007	**7.23**	0.00067	0.462	0.321	
MW-21	3/20/2008	**0.899**	<0.00048	0.0399	0.0452	
MW-21	3/11/2009	**0.216**	<0.00048	0.0018	<0.0014	
MW-21	9/17/2009	**12.1**	0.0034	**1.09**	0.312	
MW-21	3/29/2010	**14.8**	0.00265	**1.54**	0.1945	
MW-21	3/29/2010	**13.00**	0.0023	**1.32**	0.0959	
MW-21	9/24/2010	**11.555**	0.0019	**1.535**	0.02645	
MW-21	9/25/2010	**9.41**	0.002	**1.4**	0.0104	
MW-21	6/3/2011	**7.97**	0.0012	0.536	<0.004	Duplicate sample collected
MW-21	6/3/2011	**7.78**	0.0011	0.465	<0.0020	
MW-21	12/16/2011	**0.671**	<0.02	0.0513	<0.04	Duplicate sample collected
MW-21	6/7/2012	**4.4**	0.24	<0.025	0.086	Duplicate sample collected
MW-21	12/7/2012	**1.9**	0.24	<0.005	0.098	

APPENDIX C
HISTORICAL DATA
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 (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-22	9/23/2004	0.0067	<1.0	<1.0	<2.0	
MW-22	9/27/2005	<0.47	<0.54	<0.48	<2.0	
MW-22	9/15/2006	**0.011**	<0.54	<0.48	<1.1	
MW-22	9/20/2007	0.00057	<0.00054	<0.00048	<0.0011	
MW-22	9/17/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-22	3/29/2010	NS	NS	NS	NS	
MW-22	9/24/2010	**0.0114**	<0.002	0.0033	<0.006	
MW-22	9/25/2010	**0.0114**	<0.00043	0.0033	<0.0017	
MW-22	6/3/2011	NS	NS	NS	NS	
MW-22	12/16/2011	<0.001	<0.002	<0.002	<0.004	
MW-22	6/7/2012	<0.005	<0.005	<0.005	<0.015	
MW-22	12/6/2012	<0.001	<0.001	<0.001	<0.003	

Notes:
1.) The environmental cleanup standards for water that are applicable to the Former Lee Gas Plant site are the New Mexico Water Quality Control Commission
2.) Data presented for all well locations includes previous four sampling events, when available. Historic groundwater elevation data prior to the 2010 semi-
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
NM = Not measured.
mg/L = milligrams per liter.