

IMAGE COURTESY OF GOOGLE EARTH, 2013

LEGEND

- MONITORING WELL
- DESTROYED MONITORING WELL
- METER HOUSE
- SURVEYED GROUNDWATER FLOW DIRECTION

- GATHERING LINE
- EXCAVATION EXTENT (2011)
- EXCAVATION EXTENT (AUGUST 2014)

FORMER BERM

BERM

AST: ABOVEGROUND STORAGE TANK
ECD: EMISSION CONTROL DEVICE
PDC: PDC ENERGY, INC.

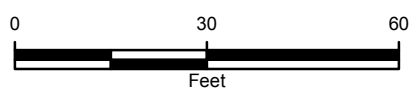


FIGURE 1
SITE MAP
PFEIFFER 10-26
NWSE 26-T6N-R64W
WELD COUNTY, COLORADO
BONANZA CREEK ENERGY OPERATING COMPANY LLC



TABLE 1
GROUNDWATER MONITORING WELL ANALYTICAL DATA
PFEIFFER 10-26
BONANZA CREEK ENERGY OPERATING COMPANY LLC

| SAMPLE ID | SAMPLE DATE | DEPTH (feet bgs) | RELATIVE ELEVATION ¹ (feet) | BENZENE (µg/L) | TOLUENE (µg/L) | ETHYLBENZENE (µg/L) | XYLENES (Total) (µg/L) |
|---|-------------|------------------|--|--|----------------|---------------------|------------------------|
| MW01 | 1/30/2012 | 5.71 | | 9,300 | 170 | 370 | <1.0 |
| | 4/6/2012 | 8.73 | | 3,500 | 84 | 260 | 720 |
| | 7/11/2012 | 5.74 | | 5,300 | 2.1 | 230 | 1,100 |
| | 10/22/2012 | 7.70 | | 9,100 | 8.8 | 500 | 1,600 |
| | 1/24/2013 | 8.07 | | 7,700 | 1.9 | 400 | 1,000 |
| | 4/22/2013 | NM | | 3,100 | 1.6 | 400 | 750 |
| | 7/22/2013 | 7.15 | | 8,100 | 1.1 | 260 | 870 |
| | 10/30/2013 | 7.29 | | 1,900 | <1.0 | 110 | 190 |
| MW01 destroyed as of January 2014 quarterly monitoring event. | | | | | | | |
| MW01R | 9/24/2014 | 4.36 | | <1.0 | <1.0 | <1.0 | 2.0 |
| | 12/19/2014 | 5.42 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 3/16/2015 | 5.72 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 6/26/2015 | 4.33 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 9/4/2015 | 1.94 | | 2.6 | <1.0 | <1.0 | <1.0 |
| | 12/30/2015 | 4.97 | | 4.5 | <1.0 | <1.0 | <1.0 |
| MW02 | 1/30/2012 | 5.21 | 91.71 | 6.0 | <1.0 | 1.1 | 5.4 |
| | 4/6/2012 | 8.39 | 88.53 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 7/11/2012 | 5.19 | 91.73 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 10/22/2012 | 7.12 | 89.80 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 1/24/2013 | 7.52 | 89.40 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 4/22/2013 | NM | | 1.1 | <1.0 | <1.0 | <1.0 |
| | 7/22/2013 | 6.62 | 90.30 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 10/30/2013 | 6.69 | 90.23 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 1/2/2014 | 7.07 | 89.85 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 1/22/2014 | 7.14 | 89.78 | Not Sampled - Survey Only | | | |
| | 4/23/2014 | 7.22 | 89.70 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 9/24/2014 | 4.63 | 92.29 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 12/19/2014 | 5.59 | 91.33 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 3/16/2015 | 5.93 | 90.99 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 6/26/2015 | 4.58 | 92.34 | 140 | <1.0 | <1.0 | <1.0 |
| | 9/4/2015 | 2.15 | 94.77 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 12/30/2015 | 5.19 | 91.73 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW03 | 1/30/2012 | 4.60 | 91.76 | 280 | <1.0 | 8.4 | 9.3 |
| | 4/6/2012 | 4.73 | 91.63 | 240 | <1.0 | 3.9 | <1.0 |
| | 7/11/2012 | 4.68 | 91.68 | 4.9 | <1.0 | <1.0 | <1.0 |
| | 10/22/2012 | 6.52 | 89.84 | 1.2 | <1.0 | <1.0 | <1.0 |
| | 1/24/2013 | 6.97 | 89.39 | 2.2 | <1.0 | <1.0 | <1.0 |
| | 4/22/2013 | NM | | 2.2 | <1.0 | <1.0 | <1.0 |
| | 7/22/2013 | 6.22 | 90.14 | 6.6 | <1.0 | <1.0 | <1.0 |
| | 10/30/2013 | 6.15 | 90.21 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 1/2/2014 | NM | | Not Sampled - Well could not be located. | | | |
| | 1/22/2014 | 6.62 | 89.74 | Not Sampled - Survey Only | | | |
| | 4/23/2014 | 6.57 | 89.79 | 1.3 | <1.0 | <1.0 | <1.0 |
| | 9/24/2014 | 4.23 | 92.13 | 7.0 | <1.0 | <1.0 | <1.0 |
| | 12/19/2014 | 5.19 | 91.17 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 3/16/2015 | 5.56 | 90.80 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 6/26/2015 | 4.22 | 92.14 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 9/4/2015 | 1.97 | 94.39 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 12/30/2015 | 4.78 | 91.58 | <1.0 | <1.0 | <1.0 | <1.0 |

TABLE 1
GROUNDWATER MONITORING WELL ANALYTICAL DATA
PFEIFFER 10-26
BONANZA CREEK ENERGY OPERATING COMPANY LLC

| SAMPLE ID | SAMPLE DATE | DEPTH (feet bgs) | RELATIVE ELEVATION ¹ (feet) | BENZENE (µg/L) | TOLUENE (µg/L) | ETHYLBENZENE (µg/L) | XYLENES (Total) (µg/L) |
|-----------|---|------------------|--|--|----------------|---------------------|------------------------|
| MW04 | 1/30/2012 | 4.32 | | 4,000 | <1.0 | 430 | 3,000 |
| | 4/6/2012 | 4.47 | | 2,200 | <1.0 | 120 | 380 |
| | 7/11/2012 | 4.41 | | 2,100 | <1.0 | 160 | 490 |
| | 10/22/2012 | 6.76 | | 1,100 | <1.0 | 60 | 150 |
| | 1/24/2013 | 6.70 | | 2,600 | <1.0 | 59 | 140 |
| | 4/22/2013 | NM | | 2,000 | 1.1 | 180 | 510 |
| | 7/22/2013 | 6.25 | | 4,000 | <1.0 | 220 | 400 |
| | 10/30/2013 | 5.84 | | 360 | <1.0 | 16 | 45 |
| | MW04 destroyed as of January 2014 quarterly monitoring event. | | | | | | |
| MW04R | 9/24/2014 | 4.88 | | 97 | <1.0 | <1.0 | 100 |
| | 12/19/2014 | 5.81 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 3/16/2015 | 6.12 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 6/26/2015 | 4.81 | | 24 | <1.0 | 1.4 | <1.0 |
| | 9/4/2015 | 2.25 | | 2.1 | <1.0 | <1.0 | <1.0 |
| | 12/30/2015 | 5.42 | | 35 | <1.0 | 7.2 | 7 |
| MW05 | 1/30/2012 | 4.79 | 91.60 | <1.0 | <1.0 | 1.4 | 1.3 |
| | 4/6/2012 | 4.97 | 91.42 | 17 | <1.0 | <1.0 | <1.0 |
| | 7/11/2012 | 4.92 | 91.47 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 10/22/2012 | 7.09 | 89.30 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 1/24/2013 | 7.19 | 89.20 | 14 | <1.0 | <1.0 | <1.0 |
| | 4/22/2013 | NM | | 1.1 | <1.0 | <1.0 | <1.0 |
| | 7/22/2013 | 6.54 | 89.85 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 10/30/2013 | 6.33 | 90.06 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 1/2/2014 | NM | | Not Sampled - Well could not be located. | | | |
| | 1/22/2014 | 6.75 | 89.64 | Not Sampled - Survey Only | | | |
| | 4/23/2014 | 6.61 | 89.78 | 94 | <1.0 | <1.0 | <1.0 |
| | 9/24/2014 | 4.56 | 91.83 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 12/19/2014 | 5.46 | 90.93 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 3/16/2015 | 5.77 | 90.62 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 6/26/2015 | 4.41 | 91.98 | 8.7 | <1.0 | <1.0 | <1.0 |
| | 9/4/2015 | 1.97 | 94.42 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 12/30/2015 | 6.03 | 90.36 | <1.0 | <1.0 | <1.0 | <1.0 |
| TMW06 | 10/22/2012 | 6.35 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 1/24/2013 | 6.75 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 4/22/2013 | NM | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 7/22/2013 | Destroyed | | | | | |
| | 11/6/2013 | 6.05 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 4/23/2014 | 8.41 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 9/24/2014 | 4.02 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 12/19/2014 | 4.97 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 3/16/2015 | 5.27 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 6/26/2015 | 3.96 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 9/4/2015 | 1.67 | | 1.3 | <1.0 | <1.0 | <1.0 |
| | 12/30/2015 | 4.51 | | <1.0 | <1.0 | <1.0 | <1.0 |

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PFEIFFER 10-26
BONANZA CREEK ENERGY OPERATING COMPANY LLC

| SAMPLE ID | SAMPLE DATE | DEPTH (feet bgs) | RELATIVE ELEVATION ¹ (feet) | BENZENE (µg/L) | TOLUENE (µg/L) | ETHYLBENZENE (µg/L) | XYLENES (Total) (µg/L) |
|---------------------------|-------------|------------------|--|---------------------------|----------------|---------------------|------------------------|
| TMW07 | 10/22/2012 | 6.57 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 1/24/2013 | 7.00 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 4/22/2013 | NM | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 7/22/2013 | Destroyed | | | | | |
| | 11/6/2013 | 6.35 | 90.08 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 1/2/2014 | 6.60 | 89.83 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 1/22/2014 | 6.69 | 89.74 | Not Sampled - Survey Only | | | |
| | 4/23/2014 | 6.13 | 90.30 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 9/24/2014 | 3.78 | 92.65 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 12/19/2014 | 4.68 | 91.75 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 3/16/2015 | 4.98 | 91.45 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 6/26/2015 | 3.65 | 92.78 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 9/4/2015 | 1.35 | 95.08 | 2.5 | <1.0 | <1.0 | <1.0 |
| | 12/30/2015 | 4.21 | 92.22 | <1.0 | <1.0 | <1.0 | <1.0 |
| TMW08 | 10/22/2012 | 6.33 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 1/24/2013 | 6.88 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 4/22/2013 | NM | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 7/22/2013 | Destroyed | | | | | |
| | 11/6/2013 | 6.01 | 90.06 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 1/2/2014 | 6.28 | 89.79 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 1/22/2014 | 6.37 | 89.70 | Not Sampled - Survey Only | | | |
| | 4/23/2014 | 6.55 | 89.52 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 9/24/2014 | 4.19 | 91.88 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 12/19/2014 | 5.08 | 90.99 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 3/16/2015 | 5.42 | 90.65 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 6/26/2015 | 4.07 | 92.00 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 9/4/2015 | 1.62 | 94.45 | 64 | <1.0 | <1.0 | <1.0 |
| | 12/30/2015 | 4.65 | 91.42 | <1.0 | <1.0 | <1.0 | <1.0 |
| TMW09 | 10/22/2012 | 6.55 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 1/24/2013 | 6.75 | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 4/22/2013 | NM | | <1.0 | <1.0 | <1.0 | <1.0 |
| | 7/22/2013 | Destroyed | | | | | |
| | 11/6/2013 | 5.94 | 89.98 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 1/2/2014 | 6.22 | 89.70 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 1/22/2014 | 6.31 | 89.61 | Not Sampled - Survey Only | | | |
| | 4/23/2014 | 6.51 | 89.41 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 9/24/2014 | 4.14 | 91.78 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 12/19/2014 | 5.04 | 90.88 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 3/16/2015 | 5.36 | 90.56 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 6/26/2015 | 4.02 | 91.90 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 9/4/2015 | 1.45 | 94.47 | <1.0 | <1.0 | <1.0 | <1.0 |
| | 12/30/2015 | 4.60 | 91.32 | <1.0 | <1.0 | <1.0 | <1.0 |
| COGCC Concentration Level | | | | 5 | 560 | 700 | 1,400 |

Notes:

bgs - below ground surface

µg/L - micrograms per liter

< - Less than laboratory reporting limit.

COGCC - Colorado Oil and Gas Conservation Commission

Results noted in bold exceed COGCC concentration levels (Table 910-1).

1 - Monitoring wells without groundwater elevation data were installed/replaced after the January 22, 2014 survey date.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

January 07, 2016

Justin Solomon
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: Pfeiffer 10-26

Enclosed are the results of analyses for samples received by Summit Scientific on 12/30/15 16:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: Pfeiffer 10-26

Project Number: 034511009
Project Manager: Justin Solomon

Reported:
01/07/16 09:18

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| MW01R | 1512247-01 | Water | 12/30/15 10:00 | 12/30/15 16:35 |
| MW02 | 1512247-02 | Water | 12/30/15 10:05 | 12/30/15 16:35 |
| MW03 | 1512247-03 | Water | 12/30/15 10:10 | 12/30/15 16:35 |
| MW04R | 1512247-04 | Water | 12/30/15 10:15 | 12/30/15 16:35 |
| MW05 | 1512247-05 | Water | 12/30/15 10:20 | 12/30/15 16:35 |
| TMW06 | 1512247-06 | Water | 12/30/15 10:25 | 12/30/15 16:35 |
| TMW07 | 1512247-07 | Water | 12/30/15 10:30 | 12/30/15 16:35 |
| TMW08 | 1512247-08 | Water | 12/30/15 10:35 | 12/30/15 16:35 |
| TMW09 | 1512247-09 | Water | 12/30/15 10:40 | 12/30/15 16:35 |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: Pfeiffer 10-26
Project Number: 034511009
Project Manager: Justin Solomon

Reported:
01/07/16 09:18

Summit Scientific

1512247

741 Corporate Circle, Suite J ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933

Client: LT ENVIRONMENTAL Project Manager: J. Carroll Justin Solomon Page 1 of 1
Address: 4600 W 60th Ave E-Mail: Jsolomon@ltenv.com
City/State/Zip: Arvada, Colorado 80003
Phone: 303-433-9788 Fax: 303-433-1432 Project Name: Pfeiffer 10-26
Sampler Name: Chad Terry Project Number: 034511009

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative | | | | Matrix | | | | Analysis Requested | | | | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-----------------|-------------|------|----------------|-----------------|--------------------|--|--|--|----------------------|
| | | | | | HCl | HNO3 | None | Other (Specify) | Groundwater | Soil | Air-Canister # | Other (Specify) | BTX | | | | |
| 1 | MW01R | 12/30/15 | 1000 | 3 | X | | | | X | | | X | | | | | |
| 2 | MW02 | | 1005 | 3 | X | | | | X | | | X | | | | | |
| 3 | MW03 | | 1010 | 2 | X | | | | X | | | X | | | | | |
| 4 | MW04R | | 1015 | 3 | X | | | | X | | | X | | | | | |
| 5 | MW05 | | 1020 | 3 | X | | | | X | | | X | | | | | |
| 6 | TMW06 | | 1025 | 3 | X | | | | X | | | X | | | | | |
| 7 | TMW07 | | 1030 | 3 | X | | | | X | | | X | | | | | |
| 8 | TMW08 | | 1035 | 3 | X | | | | X | | | X | | | | | |
| 9 | TMW09 | ✓ | 1040 | 3 | X | | | | X | | | X | | | | | |
| 10 | | | | | | | | | | | | | | | | | |

| | | | | | |
|-----------------------------|---------------------------------|------------------------|---------------------------------|---|-------------------------|
| Relinquished by: <u>CLZ</u> | Date/Time: <u>12/30/15 1635</u> | Received by: <u>MD</u> | Date/Time: <u>12/30/15 1635</u> | Turn Around Time (Check) Same Day <u> </u> 72 hours 24 hours <u> </u> Standard <u>X</u> 48 hours <u> </u> | Notes: <u>on ice</u> |
| Relinquished by: <u>MD</u> | Date/Time: <u>12/30/15 1735</u> | Received by: | Date/Time: | Sample Integrity: <u>52°C</u> | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Temperature Upon Receipt: <u>52°C</u> Intact: <u>Yes</u> No | |

www.s2scientific.com



LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: Pfeiffer 10-26
Project Number: 034511009
Project Manager: Justin Solomon

Reported:
01/07/16 09:18

MW01R
1512247-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 12/30/15 10:00

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|------------|--------------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | 4.5 | 1.0 | ug/l | 1 | 1512283 | 01/01/16 | 01/01/16 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: 12/30/15 10:00

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|--------------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 103 % | 37-154 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 104 % | 45-149 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 99.3 % | 45-146 | | " | " | " | " | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: Pfeiffer 10-26
Project Number: 034511009
Project Manager: Justin Solomon

Reported:
01/07/16 09:18

MW02
1512247-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 12/30/15 10:05

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | 1512283 | 01/01/16 | 01/01/16 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: 12/30/15 10:05

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 37-154 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 101 % | 45-149 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 95.0 % | 45-146 | | " | " | " | " | |

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: Pfeiffer 10-26
Project Number: 034511009
Project Manager: Justin Solomon

Reported:
01/07/16 09:18

MW03
1512247-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 12/30/15 10:10

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | 1512283 | 01/01/16 | 01/01/16 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: 12/30/15 10:10

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 104 % | 37-154 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 101 % | 45-149 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 98.4 % | 45-146 | | " | " | " | " | |

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: Pfeiffer 10-26
Project Number: 034511009
Project Manager: Justin Solomon

Reported:
01/07/16 09:18

MW04R
1512247-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 12/30/15 10:15

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|------------|--------------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | 35 | 1.0 | ug/l | 1 | 1512283 | 01/01/16 | 01/01/16 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | 7.2 | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | 6.9 | 1.0 | " | " | " | " | " | " | |

Date Sampled: 12/30/15 10:15

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|--------------------|--------|----------|-------|----------|----------|--------|-------|
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 99.7 % | 37-154 | | " | " | " | " | |
| <i>Surrogate: Toluene-d8</i> | | 103 % | 45-149 | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 98.1 % | 45-146 | | " | " | " | " | |

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: Pfeiffer 10-26
Project Number: 034511009
Project Manager: Justin Solomon

Reported:
01/07/16 09:18

MW05
1512247-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 12/30/15 10:20

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|--------------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 1.0 | ug/l | 1 | 1512283 | 01/01/16 | 01/01/16 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: 12/30/15 10:20

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|--------------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 37-154 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 101 % | 45-149 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 98.5 % | 45-146 | | " | " | " | " | |

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: Pfeiffer 10-26
Project Number: 034511009
Project Manager: Justin Solomon

Reported:
01/07/16 09:18

TMW06
1512247-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 12/30/15 10:25

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | 1512283 | 01/01/16 | 01/01/16 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: 12/30/15 10:25

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 105 % | 37-154 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 101 % | 45-149 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 97.2 % | 45-146 | | " | " | " | " | |

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: Pfeiffer 10-26
Project Number: 034511009
Project Manager: Justin Solomon

Reported:
01/07/16 09:18

TMW07
1512247-07 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 12/30/15 10:30

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|--------------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 1.0 | ug/l | 1 | 1512283 | 01/01/16 | 01/01/16 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: 12/30/15 10:30

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|--------------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 106 % | 37-154 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 101 % | 45-149 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 96.5 % | 45-146 | | " | " | " | " | |

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: Pfeiffer 10-26
Project Number: 034511009
Project Manager: Justin Solomon

Reported:
01/07/16 09:18

TMW08
1512247-08 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 12/30/15 10:35

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | 1512283 | 01/01/16 | 01/01/16 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: 12/30/15 10:35

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 37-154 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 101 % | 45-149 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 95.0 % | 45-146 | | " | " | " | " | |

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: Pfeiffer 10-26
Project Number: 034511009
Project Manager: Justin Solomon

Reported:
01/07/16 09:18

TMW09
1512247-09 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 12/30/15 10:40

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | 1512283 | 01/01/16 | 01/01/16 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: 12/30/15 10:40

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 37-154 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 102 % | 45-149 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 97.4 % | 45-146 | | " | " | " | " | |

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: Pfeiffer 10-26
Project Number: 034511009
Project Manager: Justin Solomon

Reported:
01/07/16 09:18

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1512283 - EPA 5030 Water MS

Blank (1512283-BLK1)

Prepared & Analyzed: 12/31/15

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|------|--------|--|--|--|--|
| Benzene | ND | 1.0 | ug/l | | | | | | | |
| Toluene | ND | 1.0 | " | | | | | | | |
| Ethylbenzene | ND | 1.0 | " | | | | | | | |
| Xylenes (total) | ND | 1.0 | " | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 14.9 | | " | 13.3 | 111 | 37-154 | | | | |
| Surrogate: Toluene-d8 | 13.7 | | " | 13.3 | 103 | 45-149 | | | | |
| Surrogate: 4-Bromofluorobenzene | 13.2 | | " | 13.3 | 99.0 | 45-146 | | | | |

LCS (1512283-BS1)

Prepared & Analyzed: 12/31/15

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|------|--------|--|--|--|--|
| Benzene | 49.2 | 1.0 | ug/l | 50.0 | 98.4 | 51-132 | | | | |
| Toluene | 49.0 | 1.0 | " | 50.0 | 98.1 | 51-138 | | | | |
| Ethylbenzene | 49.0 | 1.0 | " | 50.0 | 97.9 | 58-146 | | | | |
| m,p-Xylene | 98.4 | 2.0 | " | 100 | 98.4 | 57-144 | | | | |
| o-Xylene | 47.4 | 1.0 | " | 50.0 | 94.8 | 53-146 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 13.9 | | " | 13.3 | 104 | 37-154 | | | | |
| Surrogate: Toluene-d8 | 13.4 | | " | 13.3 | 100 | 45-149 | | | | |
| Surrogate: 4-Bromofluorobenzene | 12.6 | | " | 13.3 | 94.5 | 45-146 | | | | |

Matrix Spike (1512283-MS1)

Source: 1512241-01

Prepared & Analyzed: 12/31/15

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|------|--------|--------|--|--|--|
| Benzene | 55.3 | 1.0 | ug/l | 50.0 | ND | 111 | 34-141 | | | |
| Toluene | 55.1 | 1.0 | " | 50.0 | ND | 110 | 27-151 | | | |
| Ethylbenzene | 56.9 | 1.0 | " | 50.0 | ND | 114 | 29-160 | | | |
| m,p-Xylene | 113 | 2.0 | " | 100 | ND | 113 | 20-166 | | | |
| o-Xylene | 54.0 | 1.0 | " | 50.0 | ND | 108 | 33-159 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 13.2 | | " | 13.3 | 99.2 | 37-154 | | | | |
| Surrogate: Toluene-d8 | 13.4 | | " | 13.3 | 100 | 45-149 | | | | |
| Surrogate: 4-Bromofluorobenzene | 12.9 | | " | 13.3 | 96.5 | 45-146 | | | | |

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: Pfeiffer 10-26
Project Number: 034511009
Project Manager: Justin Solomon

Reported:
01/07/16 09:18

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 1512283 - EPA 5030 Water MS

| Matrix Spike Dup (1512283-MSD1) | | Source: 1512241-01 | | | Prepared & Analyzed: 12/31/15 | | | | | |
|----------------------------------|------|--------------------|------|------|-------------------------------|------|--------|------|----|--|
| Benzene | 54.0 | 1.0 | ug/l | 50.0 | ND | 108 | 34-141 | 2.49 | 32 | |
| Toluene | 54.4 | 1.0 | " | 50.0 | ND | 109 | 27-151 | 1.33 | 25 | |
| Ethylbenzene | 55.8 | 1.0 | " | 50.0 | ND | 112 | 29-160 | 1.95 | 50 | |
| m,p-Xylene | 112 | 2.0 | " | 100 | ND | 112 | 20-166 | 1.11 | 36 | |
| o-Xylene | 52.9 | 1.0 | " | 50.0 | ND | 106 | 33-159 | 2.00 | 26 | |
| Surrogate: 1,2-Dichloroethane-d4 | 12.8 | | " | 13.3 | | 95.8 | 37-154 | | | |
| Surrogate: Toluene-d8 | 13.3 | | " | 13.3 | | 99.9 | 45-149 | | | |
| Surrogate: 4-Bromofluorobenzene | 12.8 | | " | 13.3 | | 95.9 | 45-146 | | | |

Summit Scientific

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: Pfeiffer 10-26
Project Number: 034511009
Project Manager: Justin Solomon

Reported:
01/07/16 09:18

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

Summit Scientific

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A handwritten signature in black ink, appearing to be 'MSM'.