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May 1, 2015

Mr. Scott Ferguson, P.G.  
Pennsylvania Department of Environmental Protection  
Environmental Cleanup Program  
208 West Third Street, Suite 101  
Williamsport, PA 17701-6448

**Re: 1<sup>st</sup> Quarter 2015 Remedial Action Progress Report  
United Refining Company of Pennsylvania  
Kwik Fill M-90  
1322 South 2<sup>nd</sup> Street  
Clearfield, PA 16830  
PADEP Facility ID #17-14821/PAUSTIF Claim #2008-0034(M)**

Dear Mr. Ferguson:

Letterle & Associates, Inc. is pleased to submit this Remedial Action Progress Report (RAPR) for the above-referenced facility. This RAPR presents the groundwater monitoring data/results from the first quarter of 2015 and represents the second completed quarter of groundwater attainment sampling at the site.

If you have any questions or comments regarding this report, please feel free to contact me at (814) 355-2241 or [jhill@letterleassociates.com](mailto:jhill@letterleassociates.com).

Sincerely,

A handwritten signature in black ink, appearing to read 'Ted Hill', written over a horizontal line.

Ted Hill  
Project Manager

Enclosure

cc: Mr. Scott C. Wonsettler, P.G., United Refining Company of Pennsylvania (with CD)  
Mr. Gerald Hawk, ICF International (via email)  
Mr. Mitch Harvey, RES Coal, LLC  
L:\Operations\Projects\Project Files\Bellefonte\United Refining\M-90 Clearfield #277\Reports\2015\Clearfield - 1<sup>st</sup> Qtr 2015 RAPR.doc

# REMEDIAL ACTION PROGRESS REPORT

1<sup>st</sup> Quarter 2015



PADEP Facility ID #17-14821  
PAUSTIF Claim #2008-0034(M)

**Kwik Fill M-90**  
**1322 South 2<sup>nd</sup> Street**  
**Clearfield, PA 16830**

*Prepared for:*

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United Refining Company of Pennsylvania  
15 Bradley Street  
P.O. Box 688  
Warren, PA 16365

 **Letterle &  
Associates, Inc.**

2022 Axemann Road, Suite 201, Bellefonte, PA 16823

  
Jed Hill  
Project Manager

  
George R. Hunzeker, P.G.  
Vice President/Chief Technical Officer



*"By affixing my seal to this document, I am certifying that the information is true and correct to the best of my knowledge. I further certify I am licensed to practice in the Commonwealth of Pennsylvania and that it is within my professional expertise to verify the correctness of the information."*

-George R. Hunzeker, P.G., signed and sealed this day, May 1, 2015

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## GENERAL INFORMATION

|                           |                                                                                                                                                                                                                                                                                    |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Client Contact:           | Scott Wonsettler, P.G.                                                                                                                                                                                                                                                             |
| Letterle Project Manager: | Jed Hill                                                                                                                                                                                                                                                                           |
| Regulatory Contact:       | Scott Ferguson, P.G.                                                                                                                                                                                                                                                               |
| PADEP Facility ID #:      | 17-14821                                                                                                                                                                                                                                                                           |
| PAUSTIF Claim #:          | 2008-0034(M)                                                                                                                                                                                                                                                                       |
| Number of Wells:          | 14 monitoring wells (on-site wells MW-2A, MW-32, and MW-33 and off-site monitoring wells MW-3, MW-4, MW-7, MW-9, MW-10, MW-14, MW-15, MW-17, MW-21, MW-29, and MW-30).<br>8 former remediation system extraction wells (MW-1, MW-1A, MW-2, MW-28, MW-31, MW-34, MW-35, and MW-36). |
| Wells Containing LNAPL:   | 0                                                                                                                                                                                                                                                                                  |

Letterle & Associates, Inc. (Letterle) has been contracted by United Refining Company (United) of Pennsylvania (PA) to perform remedial activities at the Kwik Fill M-90 facility located at 1322 South 2<sup>nd</sup> Street in Lawrence Township, Clearfield County, Clearfield, PA (the site).

The site location is depicted on the 7.5-minute United States Geological Survey (USGS) Topographic Quadrangles of Clearfield and Glen Richey, PA presented as **Figure 1**. The site exists at an approximate elevation of 1,114 feet above mean sea level (ft-amsl). A more detailed site layout map, which fully depicts the site area, is presented as **Figure 2**.

The purpose of this Remedial Action Progress Report (RAPR) is to present the groundwater monitoring data/results collected during the first quarter of 2015. Additionally, this RAPR represents the second completed quarter of groundwater attainment sampling at the site.

## SITE HISTORY/PROJECT SUMMARY

The site is currently an active retail fueling (gasoline and diesel) station, which has two 10,000-gallon and one 8,000-gallon steel underground storage tanks (USTs). The two 10,000-gallon USTs were installed in 1969 and the 8,000-gallon UST was installed in 1974. One 10,000-gallon UST and one 8,000-gallon contain unleaded gasoline and the remaining 10,000-gallon UST (in the middle) contains diesel fuel.

On June 15, 1995, the 10,000-gallon unleaded gasoline UST (#002) failed a tightness test. The PA Department of Environmental Protection (PADEP) was notified of the failure and subsequently, Mountain Research, Inc. (MRI) was retained by United in May 1996 to perform site characterization activities. The results of the site characterization indicated several soil/groundwater samples contained unleaded gasoline constituents at concentrations above their respective Medium Specific Concentration (MSC) values.

MRI prepared a Remedial Action Plan (RAP) in July 1999 proposing a Matrix Trailer Mounted Oxygen Injection System. The PADEP approved the RAP in January 2000. System installation was

initiated in February 2000 and the system commenced operation on April 12, 2000. The system was operational from April 12, 2000 until the first quarter of 2005.

From early 2005 through mid-2006, additional site investigations were initiated at the site to re-evaluate the remedial approach. In October 2006, a Supplemental Site Characterization Report (SCR) and RAP Addendum was submitted to the PADEP. The Supplemental SCR/RAP Addendum identified two separate source areas, one on-site and one off-site at the Beckwith Machinery Company (BMC) property. The on-site source area (Source Area #1) was found to have impacted groundwater beneath the site and downgradient on the former BMC property. Impacted groundwater from Source Area #2 was found to be related to an off-site release and not associated with the Kwik Fill M-90 facility. The Supplemental SCR/RAP Addendum strategy included remediating groundwater via an air sparge/soil vapor extraction (AS/SVE) system. An additional RAP Addendum was submitted in December 2006. The PADEP approved the Supplemental SCR/RAP Addendum and additional RAP Addendum in January 2007, with modifications. An AS/SVE system was installed at the site and operated from November 2007 through the fourth quarter of 2008.

A second release of unleaded gasoline occurred at the site, and was reported in February 2008. Additional site characterization activities were initiated and an Additional SCR and RAP Addendum was submitted in June 2011. The June 2011 Additional SCR/RAP Addendum included the selection of a dual phase extraction (DPE)/SVE system to address on-site soil and groundwater and enhanced in-situ bioremediation (EB) to address off-site groundwater. The June RAP Addendum was approved by the PADEP in July 2011.

The PA Underground Storage Tank Indemnification Fund (PAUSTIF) and their administrator, ICF International (ICFI), put the site remedial work out for competitive bid. The proposed scope of work was based upon the July 2011 approved RAP. Letterle was awarded the bid in March of 2012 and began implementation of the approved RAP.

A remedial system trailer was constructed and mobbed to the site during the third quarter of 2012 and began operation on October 30, 2012. In compliance with the PAUSTIF remediation agreement, the remediation system was to be operated for a total period of two years. Additionally, as specified in the remediation agreement, applicable PADEP Used-Aquifer (total dissolved solids (TDS)  $\leq$  2,500 milligrams per liter (mg/L)) Residential Statewide Health Standard (UARSHS) MSCs in groundwater had to be attained within seven quarters of system operation. This criterion was met and the remediation system was shut down on October 10, 2014 and the groundwater attainment monitoring program was initiated in the fourth quarter of 2014. Additionally, the initial soil vapor attainment sampling event and the soil attainment sampling event were completed in the fourth quarter of 2014.

During the week of December 15, 2014, station personnel reported actuation of the diesel fuel line leak detector. All product piping was tightness tested on December 18, 2014 and diesel fuel piping failed the tightness test. The diesel UST system was removed from service and emptied of product. On December 19, 2014, existing monitoring wells in the vicinity of the UST/dispenser system area were gauged to check for separate-phase liquid (SPL), with no SPL or unusual odors detected. The PADEP was notified on December 18, 2014 and a Notification of Reportable Release (NORR) was filed on December 22, 2014.

Due to the failed tightness test, the PADEP issued a letter to United dated January 2, 2015 for a violation of Section 1310 of the PA Storage Tank and Spill Prevention Act.

## **QUARTERLY SITE ACTIVITIES COMPLETED – 1ST QUARTER 2015**

### **Groundwater Gauging/Sampling**

The groundwater monitoring well network is gauged and sampled on a quarterly basis to analyze the effectiveness of the completed remediation activities and to monitor groundwater impacts/movement at the site.

### **Groundwater Gauging**

Letterle completed a quarterly groundwater gauging event on March 31, 2015. A total of 22 wells were gauged:

- 22 wells in the shallow overburden groundwater monitoring well network: MW-1, MW-1A, MW-2, MW-2A, MW-3, MW-4, MW-7, MW-9, MW-10, MW-14, MW-15, MW-17, MW-21, MW-28, MW-29, MW-30, MW-31, MW-32, MW-33, MW-34, MW-35, and MW-36.

### **Gauging Methodology**

Depth-to-groundwater was measured in each well to determine groundwater elevations and interpret the predominant direction of groundwater movement. Depth-to-groundwater measurements were recorded using an electronic water level indicator capable of measuring to within 0.01 feet of accuracy. The electronic water level indicator was decontaminated between wells.

### **Gauging Results**

Groundwater elevation data collected during the first quarter of 2015 groundwater gauging event indicates the following:

- Groundwater elevations in shallow overburden groundwater ranged from 1,141.42 feet in MW-22 to 1,147.49 feet in MW-2A;
- The predominant direction of groundwater movement in the shallow overburden aquifer is interpreted to be to the north (towards the West Branch Susquehanna River); and,
- Using the March 31, 2015 groundwater elevation data, a groundwater hydraulic gradient of 0.021 feet per foot (ft/ft) between groundwater monitoring wells MW-2A and MW-22 was calculated.

**Table 1** summarizes the historical groundwater gauging data and also presents the resultant groundwater gauging results from the first quarter of 2015 groundwater gauging event. A groundwater potentiometric surface contour map for the March 31, 2015 groundwater gauging event is presented as **Figure 3**.

## **Groundwater Sampling**

Letterle completed a quarterly groundwater sampling event on March 31, 2015. A total of 19 wells were sampled:

- 19 wells in the shallow overburden groundwater monitoring well network: MW-1, MW-1A, MW-2, MW-2A, MW-3, MW-4, MW-7, MW-10, MW-14, MW-15, MW-21, MW-28, MW-29, MW-30, MW-31, MW-32, MW-34, MW-35, and MW-36.

### Sampling Methodology

Subsequent to gauging the groundwater level in each well, low-flow sampling was initiated. For wells shallower than 20 feet, a combination of polyethylene and silicon tubing were utilized in conjunction with a peristaltic pump. The peristaltic pump was then utilized to purge the well at a low flow rate of <0.5 liters (500 milliliters) per minute. For wells deeper than 20 feet, polyethylene tubing was utilized in conjunction with a two-inch Mini-Monsoon submersible pump to purge the well at a low flow rate of <0.5 liters (500 milliliters) per minute. The intake of each respective pump was placed approximately three feet below the measured water level. In general, each well was purged at a rate of 100-400 milliliters per minute to avoid creating drawdown. If a well was dewatered, a bailer was utilized to collect the sample after the well recovered.

The purged groundwater was then passed through a flow-through cell that measures dissolved oxygen (DO), pH, TDS, temperature, specific conductivity, and oxidation-reduction potential (ORP). Measurements of these parameters were recorded every 5 minutes. These measurements were recorded until three consecutive readings stabilized to within 10% of one another. Purging was considered to be complete upon parameter stabilization for three consecutive readings. Once stabilization was documented, the flow-through cell was disconnected and the sample was immediately collected from the discharge line.

The pump was decontaminated between each sampled well. The purged groundwater was filtered through a mobile GAC vessel and then discharged to the ground surface.

The samples were sealed in pre-preserved laboratory supplied glassware, labeled, custody sealed, placed in an ice-filled cooler, and returned to Letterle's office. The samples were stored in a refrigerator (at 4 °C) until they were collected by the laboratory. The samples were submitted to Fairway Laboratories of Altoona, PA, for analysis of the pre-March 15, 2008 PADEP Land Recycling Program Technical Guidance Manual, Table IV-9 - Short List of Petroleum Products, specifically unleaded gasoline constituents (PADEP unleaded gasoline short list constituents) via United States Environmental Protection Agency (USEPA) Method 8260B and were accompanied by Chain-of-Custody documentation.

### Sampling Results

The groundwater analytical results from the groundwater sampling event conducted on March 31, 2015 indicated the following exceedances of the applicable PADEP UARSHS MSCs:

- Benzene in wells MW-28 and MW-31;
- Toluene in well MW-31; and,
- Naphthalene in well MW-31.

**Table 1** summarizes the historical groundwater analytical data and also presents the resultant groundwater analytical results from the first quarter of 2015 groundwater sampling event. Groundwater analytical laboratory reports are included in **Appendix A**.

Isoconcentration contour maps for benzene, toluene, and naphthalene for the March 31, 2015 (first quarter of 2015) groundwater sampling even are presented as **Figures 4 through 6**, respectively.

Groundwater samples were not collected from MW-9 and MW-17 due to the inability to locate the respective monitoring wells. A groundwater sample was not collected from MW-7 due to a vehicle parked directly over the well.

## CONCLUSIONS AND RECOMMENDATIONS

Quarterly groundwater attainment sampling was performed on March 31, 2015 (first quarter of 2015), which was to represent the second of eight required groundwater attainment sampling events to be performed at the site as part of the groundwater attainment monitoring program. However, the first quarter of 2015 groundwater sampling results revealed exceedances of the applicable PADEP UARSHS MSCs for benzene, toluene, and naphthalene in monitoring wells MW-28 and MW-31, which are immediately adjacent to the gasoline and diesel dispensers. The appearance of constituent concentrations above the applicable PADEP UARSHS MSCs is believed to be due to a likely subsurface release of diesel product in the vicinity of the dispensers during the fourth quarter of 2014 (December 18, 2014 diesel fuel piping failed tightness test). Letterle has been retained to conduct site characterization activities in response to the release, which will be outlined in a SCR upon completion.

## PLANNED ACTIVITY

The following activities are currently planned for the 2<sup>nd</sup> Quarter of 2015:

- Complete site characterization activities and submit a SCR.

## TABLE

**Table 1**  
**Historic Groundwater Gauging and Analytical Data**  
**Kwik Fill M-90**  
**1322 South 2nd Street**  
**Clearfield, PA 16830**

| Piezometer/Well   | Date       | Compound                                               |         |         |               |                 |        |             | Depth-to-Groundwater | Groundwater Elevation |
|-------------------|------------|--------------------------------------------------------|---------|---------|---------------|-----------------|--------|-------------|----------------------|-----------------------|
|                   |            | MTBE                                                   | Benzene | Toluene | Ethyl-benzene | Xylenes (Total) | Cumene | Naphthalene |                      |                       |
| PADEP UARSHS MSCs |            | 20                                                     | 5       | 1,000   | 700           | 10,000          | 840    | 100         |                      |                       |
| MW-1              | 3/17/2010  | 10.9                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.26                 | 1147.28               |
|                   | 6/8/2010   | 11.2                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.57                 | 1146.97               |
|                   | 8/30/2010  | 18.6                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.78                 | 1144.76               |
|                   | 11/17/2010 | 13.7                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.40                 | 1146.14               |
|                   | 3/1/2011   | 6.6                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.78                 | 1147.76               |
|                   | 5/31/2011  | 13.5                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.75                 | 1145.79               |
|                   | 8/24/2011  | 12.1                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.12                 | 1145.42               |
|                   | 3/28/2012  | 14.8                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.12                 | 1147.42               |
|                   | 6/25/2012  | Monitoring well converted to remedial extraction well. |         |         |               |                 |        |             |                      |                       |
|                   | 12/17/2014 | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.51                 | 1146.03               |
|                   | 3/31/2015  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 2.64                 | 1146.90               |
| MW-1A             | 3/17/2010  | 7.1                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.57                 | 1147.20               |
|                   | 6/8/2010   | 6.9                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.86                 | 1146.91               |
|                   | 8/30/2010  | 16.3                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 5.32                 | 1144.45               |
|                   | 11/17/2010 | 10.6                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.88                 | 1145.89               |
|                   | 3/1/2011   | <1.00                                                  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.04                 | 1147.73               |
|                   | 5/31/2011  | 4.2                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.29                 | 1145.48               |
|                   | 8/24/2011  | 8.6                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.65                 | 1145.12               |
|                   | 3/28/2012  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.55                 | 1147.22               |
|                   | 6/25/2012  | Monitoring well converted to remedial extraction well. |         |         |               |                 |        |             |                      |                       |
|                   | 12/17/2014 | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.38                 | 1145.39               |
|                   | 3/31/2015  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.62                 | 1146.15               |
| MW-2              | 3/17/2010  | 20.4                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.07                 | 1146.91               |
|                   | 6/8/2010   | 20.5                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.36                 | 1146.62               |
|                   | 8/30/2010  | 20.5                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 5.61                 | 1144.37               |
|                   | 11/17/2010 | 20.1                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.36                 | 1145.62               |
|                   | 3/1/2011   | 11.0                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.73                 | 1147.25               |
|                   | 5/31/2011  | 10.6                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.68                 | 1145.30               |
|                   | 8/24/2011  | 14.3                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.90                 | 1145.08               |
|                   | 3/28/2012  | 11.5                                                   | 1.1     | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.85                 | 1147.13               |
|                   | 6/25/2012  | Monitoring well converted to remedial extraction well. |         |         |               |                 |        |             |                      |                       |
|                   | 12/17/2014 | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.79                 | 1146.19               |
|                   | 3/31/2015  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.10                 | 1146.88               |
| MW-2A             | 3/17/2010  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.21                 | 1147.66               |
|                   | 6/8/2010   | <1.00                                                  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.27                 | 1147.60               |
|                   | 8/30/2010  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.23                 | 1145.64               |
|                   | 11/17/2010 | <1.00                                                  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.25                 | 1146.62               |
|                   | 3/1/2011   | <1.00                                                  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 0.91                 | 1147.96               |
|                   | 5/31/2011  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.16                 | 1146.71               |
|                   | 8/24/2011  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.52                 | 1146.35               |
|                   | 3/28/2012  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 0.45                 | 1148.42               |
|                   | 6/25/2012  | 5.22                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.51                 | 1144.36               |
|                   | 9/6/2012   | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.21                 | 1145.66               |
|                   | 12/14/2012 | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.12                 | 1144.75               |
|                   | 3/5/2013   | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.30                 | 1144.57               |
|                   | 5/28/2013  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.00                 | 1145.87               |
|                   | 9/9/2013   | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.06                 | 1144.81               |
|                   | 12/2/2013  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.48                 | 1145.39               |
|                   | 3/25/2014  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.67                 | 1145.20               |
|                   | 6/11/2014  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.90                 | 1144.97               |
|                   | 9/24/2014  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.20                 | 1144.67               |
|                   | 12/17/2014 | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 1.80                 | 1147.07               |
|                   | 3/31/2015  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 1.38                 | 1147.49               |

**Table 1**  
**Historic Groundwater Gauging and Analytical Data**  
**Kwik Fill M-90**  
**1322 South 2nd Street**  
**Clearfield, PA 16830**

| Piezometer/Well   | Date       | Compound |         |         |               |                 |        |             | Depth-to-Groundwater | Groundwater Elevation |
|-------------------|------------|----------|---------|---------|---------------|-----------------|--------|-------------|----------------------|-----------------------|
|                   |            | MTBE     | Benzene | Toluene | Ethyl-benzene | Xylenes (Total) | Cumene | Naphthalene |                      |                       |
| PADEP UARSHS MSCs |            | 20       | 5       | 1,000   | 700           | 10,000          | 840    | 100         |                      |                       |
| MW-3              | 3/18/2010  | 43.2     | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.43                 | 1143.80               |
|                   | 6/7/2010   | 44.0     | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.40                 | 1143.83               |
|                   | 8/31/2010  | 41.4     | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.92                 | 1142.31               |
|                   | 11/17/2010 | 40.3     | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.48                 | 1142.75               |
|                   | 3/2/2011   | 33.2     | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.81                 | 1144.42               |
|                   | 5/31/2011  | NS       | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 8/24/2011  | 32.3     | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.38                 | 1142.85               |
|                   | 3/28/2012  | NS       | NS      | NS      | NS            | NS              | NS     | NS          | 1.40                 | 1144.83               |
|                   | 6/25/2012  | 21.9     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.17                 | 1143.06               |
|                   | 9/6/2012   | 27.5     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.17                 | 1142.06               |
|                   | 12/14/2012 | 18.4     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.63                 | 1140.60               |
|                   | 3/5/2013   | 11.8     | 13.4    | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.36                 | 1140.87               |
|                   | 5/28/2013  | 12.6     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.40                 | 1141.83               |
|                   | 9/9/2013   | 20.1     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.42                 | 1140.81               |
|                   | 12/2/2013  | 17.2     | <1.00   | <1.00   | 1.55          | <2.00           | 1.65   | <1.00       | 5.45                 | 1140.78               |
|                   | 3/25/2014  | 13.5     | <2.00   | <2.00   | <2.00         | <4.00           | <2.00  | <2.00       | 5.30                 | 1140.93               |
|                   | 6/11/2014  | 15.9     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.47                 | 1140.76               |
|                   | 9/24/2014  | 4.60     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.69                 | 1140.54               |
|                   | 12/17/2014 | 8.51     | <1.00   | <1.00   | 2.57          | 2.35            | 1.36   | 1.10        | 3.90                 | 1142.33               |
|                   | 3/31/2015  | 3.94     | <1.00   | <1.00   | 1.17          | <2.00           | <1.00  | <1.00       | 2.62                 | 1143.61               |
| MW-4              | 3/18/2010  | <1.00    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 0.97                 | 1144.15               |
|                   | 6/7/2010   | <1.00    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.17                 | 1142.95               |
|                   | 8/31/2010  | <1.00    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.44                 | 1140.68               |
|                   | 11/17/2010 | <1.00    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.26                 | 1141.86               |
|                   | 3/2/2011   | <1.00    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 0.92                 | 1144.20               |
|                   | 5/31/2011  | NS       | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 8/24/2011  | <1.00    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.24                 | 1141.88               |
|                   | 3/28/2012  | <1.00    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.20                 | 1143.92               |
|                   | 6/25/2012  | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 2.74                 | 1142.38               |
|                   | 9/6/2012   | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.11                 | 1141.01               |
|                   | 12/14/2012 | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.40                 | 1141.72               |
|                   | 3/5/2013   | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 2.58                 | 1142.54               |
|                   | 5/28/2013  | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.61                 | 1141.51               |
|                   | 9/9/2013   | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.00                 | 1140.12               |
|                   | 12/2/2013  | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.40                 | 1140.72               |
|                   | 3/25/2014  | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 2.90                 | 1142.22               |
|                   | 6/11/2014  | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.71                 | 1141.41               |
|                   | 9/24/2014  | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.85                 | 1140.27               |
|                   | 12/17/2014 | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.10                 | 1142.02               |
|                   | 3/31/2015  | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 1.12                 | 1144.00               |

Table 1  
**Historic Groundwater Gauging and Analytical Data**  
**Kwik Fill M-90**  
**1322 South 2nd Street**  
**Clearfield, PA 16830**

| Piezometer/Well          | Date       | Compound                                                                |          |              |               |                 |            |             | Depth-to-Groundwater | Groundwater Elevation |
|--------------------------|------------|-------------------------------------------------------------------------|----------|--------------|---------------|-----------------|------------|-------------|----------------------|-----------------------|
|                          |            | MTBE                                                                    | Benzene  | Toluene      | Ethyl-benzene | Xylenes (Total) | Cumene     | Naphthalene |                      |                       |
| <b>PADEP UARSHS MSCs</b> |            | <b>20</b>                                                               | <b>5</b> | <b>1,000</b> | <b>700</b>    | <b>10,000</b>   | <b>840</b> | <b>100</b>  |                      |                       |
| <b>MW-5</b>              | 3/17/2010  | 5.4                                                                     | <1.00    | <1.00        | <1.00         | <3.00           | <1.00      | <2.00       | 1.16                 | 1143.51               |
|                          | 6/7/2010   | 4.8                                                                     | <1.00    | <1.00        | <1.00         | <3.00           | <1.00      | <2.00       | 1.53                 | 1143.14               |
|                          | 8/31/2010  | 3.8                                                                     | <1.00    | <1.00        | <1.00         | <3.00           | <1.00      | <2.00       | 3.18                 | 1141.49               |
|                          | 11/17/2010 | 2.6                                                                     | <1.00    | <1.00        | <1.00         | <3.00           | <1.00      | <2.00       | 2.80                 | 1141.87               |
|                          | 3/1/2011   | 1.2                                                                     | <1.00    | <1.00        | <1.00         | <3.00           | <1.00      | <2.00       | 0.43                 | 1144.24               |
|                          | 5/31/2011  | NS                                                                      | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 8/24/2011  | 5.7                                                                     | <1.00    | <1.00        | <1.00         | <3.00           | <1.00      | <2.00       | 2.64                 | 1142.03               |
|                          | 3/28/2012  | NS                                                                      | NS       | NS           | NS            | NS              | NS         | NS          | 1.04                 | 1143.63               |
|                          | 6/25/2012  | Well not part of quarterly sampling program.                            |          |              |               |                 |            |             | 2.25                 | 1142.42               |
|                          | 9/6/2012   |                                                                         |          |              |               |                 |            |             | NG                   | NG                    |
|                          | 12/14/2012 |                                                                         |          |              |               |                 |            |             | NG                   | NG                    |
|                          | 3/5/2013   |                                                                         |          |              |               |                 |            |             | NG                   | NG                    |
|                          | 5/28/2013  |                                                                         |          |              |               |                 |            |             | 3.00                 | 1141.67               |
|                          | 9/9/2013   |                                                                         |          |              |               |                 |            |             | 4.17                 | 1140.50               |
|                          | 12/2/2013  |                                                                         |          |              |               |                 |            |             | 4.01                 | 1140.66               |
|                          | 3/25/2014  |                                                                         |          |              |               |                 |            |             | 4.03                 | 1140.64               |
|                          | 6/11/2014  |                                                                         |          |              |               |                 |            |             | NG                   | NG                    |
|                          | 9/24/2014  |                                                                         |          |              |               |                 |            |             | NG                   | NG                    |
|                          | 12/17/2014 |                                                                         |          |              |               |                 |            |             | NG                   | NG                    |
|                          | 3/31/2015  |                                                                         |          |              |               |                 |            |             | NG                   | NG                    |
| <b>MW-6</b>              | 3/17/2010  | NS                                                                      | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 6/7/2010   | NS                                                                      | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 8/31/2010  | NS                                                                      | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 11/17/2010 | NS                                                                      | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 3/1/2011   | NS                                                                      | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 5/31/2011  | NS                                                                      | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 8/24/2011  | NS                                                                      | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 3/28/2012  | NS                                                                      | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 6/25/2012  | Well could not be located. Well not part of quarterly sampling program. |          |              |               |                 |            |             |                      |                       |
|                          | 9/6/2012   |                                                                         |          |              |               |                 |            |             |                      |                       |
|                          | 12/14/2012 |                                                                         |          |              |               |                 |            |             |                      |                       |
|                          | 3/5/2013   |                                                                         |          |              |               |                 |            |             |                      |                       |
|                          | 5/28/2013  |                                                                         |          |              |               |                 |            |             |                      |                       |
|                          | 9/9/2013   |                                                                         |          |              |               |                 |            |             |                      |                       |
|                          | 12/2/2013  |                                                                         |          |              |               |                 |            |             |                      |                       |
|                          | 3/25/2014  |                                                                         |          |              |               |                 |            |             |                      |                       |
|                          | 6/11/2014  |                                                                         |          |              |               |                 |            |             |                      |                       |
|                          | 9/24/2014  |                                                                         |          |              |               |                 |            |             |                      |                       |
|                          | 12/17/2014 |                                                                         |          |              |               |                 |            |             |                      |                       |
|                          | 3/31/2015  |                                                                         |          |              |               |                 |            |             |                      |                       |

Table 1  
**Historic Groundwater Gauging and Analytical Data**  
**Kwik Fill M-90**  
**1322 South 2nd Street**  
**Clearfield, PA 16830**

| Piezometer/Well          | Date       | Compound                   |          |              |               |                 |            |             | Depth-to-Groundwater | Groundwater Elevation |
|--------------------------|------------|----------------------------|----------|--------------|---------------|-----------------|------------|-------------|----------------------|-----------------------|
|                          |            | MTBE                       | Benzene  | Toluene      | Ethyl-benzene | Xylenes (Total) | Cumene     | Naphthalene |                      |                       |
| <b>PADEP UARSHS MSCs</b> |            | <b>20</b>                  | <b>5</b> | <b>1,000</b> | <b>700</b>    | <b>10,000</b>   | <b>840</b> | <b>100</b>  |                      |                       |
| <b>MW-7</b>              | 3/18/2010  | 3.6                        | 59.5     | 11.5         | 44.4          | 54.7            | 25.6       | 44.5        | 2.60                 | 1139.41               |
|                          | 6/7/2010   | 3.1                        | 57.7     | 12.9         | 55.2          | 60.3            | 35.4       | 61.3        | 5.77                 | 1136.24               |
|                          | 8/31/2010  | 6.8                        | 104      | 14.4         | 47.9          | 49.2            | 29.3       | 38.7        | 7.92                 | 1134.09               |
|                          | 11/17/2010 | 7.2                        | 97.9     | 12.5         | 46.5          | 47.4            | 27.3       | 57.7        | 6.85                 | 1135.16               |
|                          | 3/2/2011   | 4.1                        | 51.9     | 8.8          | 39.3          | 27.7            | 22.4       | 20.9        | 3.93                 | 1138.08               |
|                          | 5/31/2011  | NS                         | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 8/24/2011  | 7.7                        | 73.8     | 10.2         | 25.8          | 28.5            | 31.3       | 40.7        | 7.21                 | 1134.80               |
|                          | 3/28/2012  | NS                         | NS       | NS           | NS            | NS              | NS         | NS          | 7.15                 | 1134.86               |
|                          | 6/25/2012  | 3.84                       | <1.00    | <1.00        | <1.00         | <2.00           | <1.00      | <1.00       | 7.49                 | 1134.52               |
|                          | 9/6/2012   | 10.6                       | NA       | <2.00        | <2.00         | <4.00           | <2.00      | <2.00       | 7.76                 | 1134.25               |
|                          | 12/14/2012 | <2.00                      | NA       | 14.8         | 89.5          | 43.6            | 29.0       | 65.4        | 5.80                 | 1136.21               |
|                          | 3/5/2013   | <1.00                      | NA       | 2.29         | 5.67          | 5.16            | 2.25       | 3.28        | 6.55                 | 1135.46               |
|                          | 5/28/2013  | <1.00                      | NA       | <1.00        | 1.07          | <2.00           | 1.89       | <1.00       | 6.30                 | 1135.71               |
|                          | 9/9/2013   | 5.10                       | NA       | <1.00        | <1.00         | <2.00           | 2.75       | <1.00       | 7.80                 | 1134.21               |
|                          | 12/2/2013  | 2.97                       | NA       | 9.81         | 29.3          | 17.1            | 17.0       | 38.6        | 7.08                 | 1134.93               |
|                          | 3/25/2014  | 2.42                       | NA       | <2.00        | <2.00         | <4.00           | <2.00      | <2.00       | 6.26                 | 1135.75               |
|                          | 6/11/2014  | 2.58                       | NA       | <1.00        | <1.00         | <2.00           | <1.00      | <1.00       | 6.80                 | 1135.21               |
|                          | 9/24/2014  | 2.09                       | NA       | <1.00        | <1.00         | <2.00           | <1.00      | <1.00       | 8.02                 | 1133.99               |
|                          | 12/17/2014 | 2.93                       | NA       | <1.00        | <1.00         | <2.00           | 1.60       | <1.00       | 6.02                 | 1135.99               |
|                          | 3/31/2015  | NS                         | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
| <b>MW-9</b>              | 3/17/2010  | NS                         | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 6/8/2010   | 32.8                       | <1.00    | <1.00        | <1.00         | <3.00           | <1.00      | <2.00       | 0.00                 | 1141.97               |
|                          | 8/30/2010  | NS                         | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 11/17/2010 | NS                         | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 3/1/2011   | NS                         | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 5/31/2011  | NS                         | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 8/24/2011  | NS                         | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 3/28/2012  | NS                         | NS       | NS           | NS            | NS              | NS         | NS          | NG                   | NG                    |
|                          | 6/25/2012  | Well could not be located. |          |              |               |                 |            |             |                      |                       |
|                          | 9/6/2012   |                            |          |              |               |                 |            |             |                      |                       |
|                          | 12/14/2012 |                            |          |              |               |                 |            |             |                      |                       |
|                          | 3/5/2013   |                            |          |              |               |                 |            |             |                      |                       |
|                          | 5/28/2013  |                            |          |              |               |                 |            |             |                      |                       |
|                          | 9/9/2013   |                            |          |              |               |                 |            |             |                      |                       |
|                          | 12/2/2013  |                            |          |              |               |                 |            |             |                      |                       |
|                          | 3/25/2014  |                            |          |              |               |                 |            |             |                      |                       |
|                          | 6/11/2014  |                            |          |              |               |                 |            |             |                      |                       |
|                          | 9/24/2014  |                            |          |              |               |                 |            |             |                      |                       |
|                          | 12/17/2014 |                            |          |              |               |                 |            |             |                      |                       |
|                          | 3/31/2015  |                            |          |              |               |                 |            |             |                      |                       |

Table 1  
**Historic Groundwater Gauging and Analytical Data**  
**Kwik Fill M-90**  
**1322 South 2nd Street**  
**Clearfield, PA 16830**

| Piezometer/Well   | Date       | Compound                                     |         |         |               |                 |        |             | Depth-to-Groundwater | Groundwater Elevation |
|-------------------|------------|----------------------------------------------|---------|---------|---------------|-----------------|--------|-------------|----------------------|-----------------------|
|                   |            | MTBE                                         | Benzene | Toluene | Ethyl-benzene | Xylenes (Total) | Cumene | Naphthalene |                      |                       |
| PADEP UARSHS MSCs |            | 20                                           | 5       | 1,000   | 700           | 10,000          | 840    | 100         |                      |                       |
| MW-10             | 3/17/2010  | 8.6                                          | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.64                 | 1140.76               |
|                   | 6/7/2010   | 8.8                                          | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 0.78                 | 1141.62               |
|                   | 8/31/2010  | 8.7                                          | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.08                 | 1140.32               |
|                   | 11/17/2010 | 7.7                                          | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.50                 | 1139.90               |
|                   | 3/2/2011   | 7.1                                          | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 0.14                 | 1142.26               |
|                   | 5/31/2011  | NS                                           | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 8/24/2011  | 7.5                                          | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.42                 | 1140.98               |
|                   | 3/28/2012  | NS                                           | NS      | NS      | NS            | NS              | NS     | NS          | 1.42                 | 1140.98               |
|                   | 6/25/2012  | 5.01                                         | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 1.23                 | 1141.17               |
|                   | 9/6/2012   | 6.16                                         | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 2.10                 | 1140.30               |
|                   | 12/14/2012 | 5.56                                         | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 2.08                 | 1140.32               |
|                   | 3/5/2013   | 5.80                                         | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 1.81                 | 1140.59               |
|                   | 5/28/2013  | 4.92                                         | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 1.90                 | 1140.50               |
|                   | 9/9/2013   | 6.87                                         | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 2.70                 | 1139.70               |
|                   | 12/2/2013  | 5.58                                         | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 2.34                 | 1140.06               |
|                   | 3/25/2014  | <2.00                                        | 4.02    | <2.00   | <2.00         | <4.00           | <2.00  | <2.00       | 1.70                 | 1140.70               |
|                   | 6/11/2014  | <1.00                                        | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 2.20                 | 1140.20               |
|                   | 9/24/2014  | 4.06                                         | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.00                 | 1139.40               |
|                   | 12/17/2014 | 4.67                                         | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 1.04                 | 1141.36               |
|                   | 3/31/2015  | 4.13                                         | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 0.80                 | 1141.60               |
| MW-12             | 3/17/2010  | NS                                           | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 6/7/2010   | NS                                           | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 8/31/2010  | NS                                           | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 11/17/2010 | 30.3                                         | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.28                 | 1142.28               |
|                   | 3/2/2011   | NS                                           | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 5/31/2011  | NS                                           | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 8/24/2011  | NS                                           | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 3/28/2012  | NS                                           | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 6/25/2012  | Well not part of quarterly sampling program. |         |         |               |                 |        |             | 2.83                 | 1142.73               |
|                   | 9/6/2012   |                                              |         |         |               |                 |        |             | NG                   | NG                    |
|                   | 12/14/2012 |                                              |         |         |               |                 |        |             | NG                   | NG                    |
|                   | 3/5/2013   |                                              |         |         |               |                 |        |             | NG                   | NG                    |
|                   | 5/28/2013  |                                              |         |         |               |                 |        |             | NG                   | NG                    |
|                   | 9/9/2013   |                                              |         |         |               |                 |        |             | NG                   | NG                    |
|                   | 12/2/2013  |                                              |         |         |               |                 |        |             | NG                   | NG                    |
|                   | 3/25/2014  |                                              |         |         |               |                 |        |             | NG                   | NG                    |
|                   | 6/11/2014  |                                              |         |         |               |                 |        |             | NG                   | NG                    |
|                   | 9/24/2014  |                                              |         |         |               |                 |        |             | NG                   | NG                    |
|                   | 12/17/2014 |                                              |         |         |               |                 |        |             | NG                   | NG                    |
|                   | 3/31/2015  |                                              |         |         |               |                 |        |             | NG                   | NG                    |

**Table 1**  
**Historic Groundwater Gauging and Analytical Data**  
**Kwik Fill M-90**  
**1322 South 2nd Street**  
**Clearfield, PA 16830**

| Piezometer/Well   | Date       | Compound |         |         |               |                 |        |             | Depth-to-Groundwater | Groundwater Elevation |
|-------------------|------------|----------|---------|---------|---------------|-----------------|--------|-------------|----------------------|-----------------------|
|                   |            | MTBE     | Benzene | Toluene | Ethyl-benzene | Xylenes (Total) | Cumene | Naphthalene |                      |                       |
| PADEP UARSHS MSCs |            | 20       | 5       | 1,000   | 700           | 10,000          | 840    | 100         |                      |                       |
| MW-14             | 3/17/2010  | 23.9     | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.97                 | 1146.75               |
|                   | 6/7/2010   | 18.7     | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.22                 | 1146.50               |
|                   | 8/31/2010  | 35.4     | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.43                 | 1144.29               |
|                   | 11/17/2010 | 21.3     | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.40                 | 1145.32               |
|                   | 3/2/2011   | 2.2      | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.62                 | 1147.10               |
|                   | 5/31/2011  | 21.4     | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.44                 | 1145.28               |
|                   | 8/24/2011  | 17.6     | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.80                 | 1143.92               |
|                   | 3/28/2012  | <1.00    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.71                 | 1146.01               |
|                   | 6/25/2012  | 8.80     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.59                 | 1145.13               |
|                   | 9/6/2012   | 19.8     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.63                 | 1144.09               |
|                   | 12/14/2012 | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 6.89                 | 1141.83               |
|                   | 3/5/2013   | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 7.14                 | 1141.58               |
|                   | 5/28/2013  | 1.38     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.80                 | 1143.92               |
|                   | 9/9/2013   | 3.30     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 6.30                 | 1142.42               |
|                   | 12/2/2013  | 1.52     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 6.00                 | 1142.72               |
|                   | 3/25/2014  | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 6.40                 | 1142.32               |
|                   | 6/11/2014  | 1.45     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 6.16                 | 1142.56               |
|                   | 9/24/2014  | 1.02     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 7.26                 | 1141.46               |
|                   | 12/17/2014 | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 1.66                 | 1147.06               |
|                   | 3/31/2015  | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 1.50                 | 1147.22               |
| MW-15             | 3/18/2010  | 6.2      | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.73                 | 1145.56               |
|                   | 6/7/2010   | 6.8      | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.08                 | 1145.21               |
|                   | 8/31/2010  | 7.0      | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.88                 | 1143.41               |
|                   | 11/17/2010 | 6.3      | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.44                 | 1143.85               |
|                   | 3/2/2011   | 4.8      | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.51                 | 1145.78               |
|                   | 5/31/2011  | NS       | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 8/24/2011  | 6.6      | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.27                 | 1144.02               |
|                   | 3/28/2012  | NS       | NS      | NS      | NS            | NS              | NS     | NS          | 2.20                 | 1145.09               |
|                   | 6/25/2012  | 6.98     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.11                 | 1144.18               |
|                   | 9/6/2012   | 5.64     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.18                 | 1143.11               |
|                   | 12/14/2012 | 2.23     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.45                 | 1141.84               |
|                   | 3/5/2013   | 1.70     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.97                 | 1142.32               |
|                   | 5/28/2013  | 1.09     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.30                 | 1142.99               |
|                   | 9/9/2013   | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.51                 | 1141.78               |
|                   | 12/2/2013  | 1.76     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.52                 | 1141.77               |
|                   | 3/25/2014  | 1.30     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.16                 | 1142.13               |
|                   | 6/11/2014  | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.65                 | 1141.64               |
|                   | 9/24/2014  | <1.00    | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 6.15                 | 1141.14               |
|                   | 12/17/2014 | 1.69     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.30                 | 1143.99               |
|                   | 3/31/2015  | 1.59     | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 2.35                 | 1144.94               |

**Table 1**  
**Historic Groundwater Gauging and Analytical Data**  
**Kwik Fill M-90**  
**1322 South 2nd Street**  
**Clearfield, PA 16830**

| Piezometer/Well   | Date       | Compound                   |         |         |               |                 |        |             | Depth-to-Groundwater | Groundwater Elevation |
|-------------------|------------|----------------------------|---------|---------|---------------|-----------------|--------|-------------|----------------------|-----------------------|
|                   |            | MTBE                       | Benzene | Toluene | Ethyl-benzene | Xylenes (Total) | Cumene | Naphthalene |                      |                       |
| PADEP UARSHS MSCs |            | 20                         | 5       | 1,000   | 700           | 10,000          | 840    | 100         |                      |                       |
| MW-17             | 3/18/2010  | 9.0                        | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 0.73                 | 1142.53               |
|                   | 6/7/2010   | 1.3                        | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 0.09                 | 1143.17               |
|                   | 8/31/2010  | 13.0                       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.78                 | 1141.48               |
|                   | 11/17/2010 | 11.2                       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.70                 | 1141.56               |
|                   | 3/1/2011   | 7.4                        | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 0.11                 | 1143.15               |
|                   | 5/31/2011  | NS                         | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 8/24/2011  | NS                         | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 3/28/2012  | NS                         | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 6/25/2012  | Well could not be located. |         |         |               |                 |        |             |                      |                       |
|                   | 9/6/2012   |                            |         |         |               |                 |        |             |                      |                       |
|                   | 12/14/2012 |                            |         |         |               |                 |        |             |                      |                       |
|                   | 3/5/2013   |                            |         |         |               |                 |        |             |                      |                       |
|                   | 5/28/2013  |                            |         |         |               |                 |        |             |                      |                       |
|                   | 9/9/2013   |                            |         |         |               |                 |        |             |                      |                       |
|                   | 12/2/2013  |                            |         |         |               |                 |        |             |                      |                       |
|                   | 3/25/2014  |                            |         |         |               |                 |        |             |                      |                       |
|                   | 6/11/2014  |                            |         |         |               |                 |        |             |                      |                       |
|                   | 9/24/2014  |                            |         |         |               |                 |        |             |                      |                       |
|                   | 12/17/2014 |                            |         |         |               |                 |        |             |                      |                       |
|                   | 3/31/2015  |                            |         |         |               |                 |        |             |                      |                       |
| MW-21             | 3/17/2010  | 41.3                       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.86                 | 1144.60               |
|                   | 6/7/2010   | 42.2                       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.12                 | 1144.34               |
|                   | 8/30/2010  | 40.0                       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.43                 | 1143.03               |
|                   | 11/17/2010 | 35.9                       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.22                 | 1143.24               |
|                   | 3/2/2011   | 33.9                       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.50                 | 1144.96               |
|                   | 5/31/2011  | NS                         | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 8/24/2011  | 37.5                       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.05                 | 1143.41               |
|                   | 3/28/2012  | NS                         | NS      | NS      | NS            | NS              | NS     | NS          | 2.10                 | 1144.36               |
|                   | 6/25/2012  | 21.7                       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 2.94                 | 1143.52               |
|                   | 9/6/2012   | 42.1                       | <2.00   | <2.00   | <2.00         | <4.00           | <2.00  | <2.00       | 3.79                 | 1142.67               |
|                   | 12/14/2012 | 10.8                       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.09                 | 1141.37               |
|                   | 3/5/2013   | 12.7                       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.61                 | 1141.85               |
|                   | 5/28/2013  | 9.92                       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.97                 | 1142.49               |
|                   | 9/9/2013   | 31.2                       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.90                 | 1141.56               |
|                   | 12/2/2013  | 2.24                       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.80                 | 1141.66               |
|                   | 3/25/2014  | 4.71                       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.50                 | 1141.96               |
|                   | 6/11/2014  | 4.35                       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.90                 | 1141.56               |
|                   | 9/24/2014  | 8.24                       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.44                 | 1141.02               |
|                   | 12/17/2014 | <1.00                      | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.16                 | 1143.30               |
|                   | 3/31/2015  | <1.00                      | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 2.29                 | 1144.17               |

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**Kwik Fill M-90**  
**1322 South 2nd Street**  
**Clearfield, PA 16830**

| Piezometer/Well   | Date       | Compound                                               |         |         |               |                 |        |             | Depth-to-Groundwater | Groundwater Elevation |
|-------------------|------------|--------------------------------------------------------|---------|---------|---------------|-----------------|--------|-------------|----------------------|-----------------------|
|                   |            | MTBE                                                   | Benzene | Toluene | Ethyl-benzene | Xylenes (Total) | Cumene | Naphthalene |                      |                       |
| PADEP UARSHS MSCs |            | 20                                                     | 5       | 1,000   | 700           | 10,000          | 840    | 100         |                      |                       |
| <b>MW-22</b>      | 3/17/2010  | 5.8                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.79                 | 1143.08               |
|                   | 6/7/2010   | 8.4                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.18                 | 1142.69               |
|                   | 8/30/2010  | 8.6                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.60                 | 1141.27               |
|                   | 11/17/2010 | 6.7                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.38                 | 1141.49               |
|                   | 3/2/2011   | 6.0                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 1.42                 | 1143.45               |
|                   | 5/31/2011  | NS                                                     | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 8/24/2011  | 10.5                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.04                 | 1141.83               |
|                   | 3/28/2012  | NS                                                     | NS      | NS      | NS            | NS              | NS     | NS          | 2.11                 | 1142.76               |
|                   | 6/25/2012  | Well not part of quarterly sampling program.           |         |         |               |                 |        |             | 2.81                 | 1142.06               |
|                   | 9/6/2012   |                                                        |         |         |               |                 |        |             | 3.43                 | 1141.44               |
|                   | 12/14/2012 |                                                        |         |         |               |                 |        |             | 4.06                 | 1140.81               |
|                   | 3/5/2013   |                                                        |         |         |               |                 |        |             | 3.60                 | 1141.27               |
|                   | 5/28/2013  |                                                        |         |         |               |                 |        |             | 3.50                 | 1141.37               |
|                   | 9/9/2013   |                                                        |         |         |               |                 |        |             | 4.52                 | 1140.35               |
|                   | 12/2/2013  |                                                        |         |         |               |                 |        |             | 4.31                 | 1140.56               |
|                   | 3/25/2014  |                                                        |         |         |               |                 |        |             | 4.41                 | 1140.46               |
|                   | 6/11/2014  |                                                        |         |         |               |                 |        |             | 3.96                 | 1140.91               |
|                   | 9/24/2014  |                                                        |         |         |               |                 |        |             | 4.75                 | 1140.12               |
|                   | 12/17/2014 |                                                        |         |         |               |                 |        |             | 3.85                 | 1141.02               |
|                   | 3/31/2015  |                                                        |         |         |               |                 |        |             | 3.45                 | 1141.42               |
| <b>MW-23</b>      | 3/17/2010  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.51                 | 1144.65               |
|                   | 6/7/2010   | <1.00                                                  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.03                 | 1145.13               |
|                   | 8/31/2010  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.63                 | 1142.53               |
|                   | 11/17/2010 | <1.00                                                  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.90                 | 1143.26               |
|                   | 3/2/2011   | <1.00                                                  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.02                 | 1145.14               |
|                   | 5/31/2011  | NS                                                     | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 8/24/2011  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.93                 | 1143.23               |
|                   | 3/28/2012  | NS                                                     | NS      | NS      | NS            | NS              | NS     | NS          | 2.80                 | 1144.36               |
|                   | 6/25/2012  | Well not part of quarterly sampling program.           |         |         |               |                 |        |             | 4.57                 | 1142.59               |
|                   | 9/6/2012   |                                                        |         |         |               |                 |        |             | 5.37                 | 1141.79               |
|                   | 12/14/2012 |                                                        |         |         |               |                 |        |             | 5.99                 | 1141.17               |
|                   | 3/5/2013   |                                                        |         |         |               |                 |        |             | 5.05                 | 1142.11               |
|                   | 5/28/2013  |                                                        |         |         |               |                 |        |             | 5.12                 | 1142.04               |
|                   | 9/9/2013   |                                                        |         |         |               |                 |        |             | 6.00                 | 1141.16               |
|                   | 12/2/2013  |                                                        |         |         |               |                 |        |             | 5.68                 | 1141.48               |
|                   | 3/25/2014  |                                                        |         |         |               |                 |        |             | 5.90                 | 1141.26               |
|                   | 6/11/2014  |                                                        |         |         |               |                 |        |             | 6.23                 | 1140.93               |
|                   | 9/24/2014  |                                                        |         |         |               |                 |        |             | 6.10                 | 1141.06               |
|                   | 12/17/2014 |                                                        |         |         |               |                 |        |             | 4.59                 | 1142.57               |
|                   | 3/31/2015  |                                                        |         |         |               |                 |        |             | 3.65                 | 1143.51               |
| <b>MW-28</b>      | 3/17/2010  | 4.5                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.13                 | 1146.94               |
|                   | 6/8/2010   | 3.4                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.44                 | 1146.63               |
|                   | 8/30/2010  | 6.4                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 5.64                 | 1144.43               |
|                   | 11/17/2010 | 4.1                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.46                 | 1145.61               |
|                   | 3/1/2011   | 7.6                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.01                 | 1147.06               |
|                   | 5/31/2011  | 3.4                                                    | NA      | NA      | NA            | NA              | NA     | NA          | 4.82                 | 1145.25               |
|                   | 8/24/2011  | 4.9                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.97                 | 1145.10               |
|                   | 3/28/2012  | 14.6                                                   | NA      | NA      | NA            | NA              | NA     | NA          | 2.88                 | 1147.19               |
|                   | 6/25/2012  | Monitoring well converted to remedial extraction well. |         |         |               |                 |        |             |                      |                       |
|                   | 12/17/2014 | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.97                 | 1146.10               |
|                   | 3/31/2015  | <1.00                                                  | 56.4    | 244     | 13.4          | 196             | <1.00  | 2.69        | 3.24                 | 1146.83               |

**Table 1**  
**Historic Groundwater Gauging and Analytical Data**  
**Kwik Fill M-90**  
**1322 South 2nd Street**  
**Clearfield, PA 16830**

| Piezometer/Well   | Date       | Compound                                               |         |         |               |                 |        |             | Depth-to-Groundwater | Groundwater Elevation |
|-------------------|------------|--------------------------------------------------------|---------|---------|---------------|-----------------|--------|-------------|----------------------|-----------------------|
|                   |            | MTBE                                                   | Benzene | Toluene | Ethyl-benzene | Xylenes (Total) | Cumene | Naphthalene |                      |                       |
| PADEP UARSHS MSCs |            | 20                                                     | 5       | 1,000   | 700           | 10,000          | 840    | 100         |                      |                       |
| MW-29             | 3/17/2010  | 35.0                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.61                 | 1144.65               |
|                   | 6/7/2010   | 39.7                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.83                 | 1144.43               |
|                   | 8/30/2010  | 39.0                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.95                 | 1142.31               |
|                   | 11/17/2010 | 37.6                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.95                 | 1143.31               |
|                   | 3/2/2011   | 9.8                                                    | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.23                 | 1145.03               |
|                   | 5/31/2011  | NS                                                     | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 8/24/2011  | 37.1                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.81                 | 1143.45               |
|                   | 3/28/2012  | NS                                                     | NS      | NS      | NS            | NS              | NS     | NS          | 2.71                 | 1144.55               |
|                   | 6/25/2012  | 22.8                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.58                 | 1143.68               |
|                   | 9/6/2012   | 25.0                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.58                 | 1142.68               |
|                   | 12/14/2012 | 3.13                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.77                 | 1141.49               |
|                   | 3/5/2013   | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.36                 | 1141.90               |
|                   | 5/28/2013  | <1.00                                                  | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.70                 | 1142.56               |
|                   | 9/9/2013   | 1.39                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.65                 | 1141.61               |
|                   | 12/2/2013  | 11.0                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.47                 | 1141.79               |
|                   | 3/25/2014  | 4.06                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.25                 | 1142.01               |
|                   | 6/11/2014  | 5.47                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.65                 | 1141.61               |
|                   | 9/24/2014  | 2.20                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 6.17                 | 1141.09               |
|                   | 12/17/2014 | 9.76                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.92                 | 1143.34               |
|                   | 3/31/2015  | 2.73                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.03                 | 1144.23               |
| MW-30             | 3/18/2010  | 17.0                                                   | 23.9    | <1.00   | 14.5          | 12.2            | 1.9    | 2.5         | 2.23                 | 1145.03               |
|                   | 6/7/2010   | 20.1                                                   | 17.9    | <1.00   | 12.4          | 10.5            | 1.9    | <2.00       | 2.41                 | 1144.85               |
|                   | 8/31/2010  | 22.7                                                   | <1.00   | <1.00   | 3.1           | <3.00           | <1.00  | <2.00       | 4.07                 | 1143.19               |
|                   | 11/17/2010 | 25.9                                                   | <1.00   | <1.00   | 1.8           | <3.00           | <1.00  | <2.00       | 3.61                 | 1143.65               |
|                   | 3/2/2011   | 22.7                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.35                 | 1144.91               |
|                   | 5/31/2011  | NS                                                     | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 8/24/2011  | NS                                                     | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 3/28/2012  | NS                                                     | NS      | NS      | NS            | NS              | NS     | NS          | NG                   | NG                    |
|                   | 6/25/2012  | 8.41                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.31                 | 1143.95               |
|                   | 9/6/2012   | 10.8                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.30                 | 1142.96               |
|                   | 12/14/2012 | 4.08                                                   | <2.00   | <2.00   | <2.00         | <4.00           | <2.00  | <2.00       | 5.91                 | 1141.35               |
|                   | 3/5/2013   | 6.13                                                   | 1.80    | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.50                 | 1141.76               |
|                   | 5/28/2013  | 6.56                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.51                 | 1142.75               |
|                   | 9/9/2013   | 6.28                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.68                 | 1141.58               |
|                   | 12/2/2013  | 13.5                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.74                 | 1141.52               |
|                   | 3/25/2014  | 7.18                                                   | <2.00   | <2.00   | <2.00         | <4.00           | <2.00  | <2.00       | 5.39                 | 1141.87               |
|                   | 6/11/2014  | 3.10                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.84                 | 1141.42               |
|                   | 9/24/2014  | 8.54                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 6.40                 | 1140.86               |
|                   | 12/17/2014 | 5.38                                                   | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.55                 | 1143.71               |
|                   | 3/31/2015  | <2.00                                                  | 3.18    | <2.00   | <2.00         | <4.00           | <2.00  | <2.00       | 2.58                 | 1144.68               |
| MW-31             | 3/17/2010  | 7.8                                                    | 668     | 783     | 265           | 2,700           | 26.4   | 119         | 3.16                 | 1147.07               |
|                   | 6/8/2010   | 6.3                                                    | 336     | 118     | 119           | 754             | 10.2   | 61.8        | 3.61                 | 1146.62               |
|                   | 8/30/2010  | 8.0                                                    | 18.8    | 1.1     | 10.5          | 34.1            | 1.3    | 3.3         | 5.73                 | 1144.50               |
|                   | 11/17/2010 | 6.7                                                    | 60.5    | <1.00   | 20.6          | 20.4            | 1.8    | 4.3         | 4.73                 | 1145.50               |
|                   | 3/1/2011   | 4.8                                                    | 9.2     | 1.4     | 3.6           | 4.1             | <1.00  | <2.00       | 3.48                 | 1146.75               |
|                   | 5/31/2011  | 6.3                                                    | 66.1    | <1.00   | 20.0          | 22.1            | 2.3    | 2.1         | 4.74                 | 1145.49               |
|                   | 8/24/2011  | 14.3                                                   | 439     | 7.2     | 135           | 272             | 12     | 35.7        | 5.03                 | 1145.20               |
|                   | 3/28/2012  | 16.2                                                   | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.18                 | 1147.05               |
|                   | 6/25/2012  | Monitoring well converted to remedial extraction well. |         |         |               |                 |        |             |                      |                       |
|                   | 12/17/2014 | <1.00                                                  | <1.00   | <1.00   | <1.00         | 13.6            | <1.00  | <1.00       | 4.30                 | 1145.93               |
|                   | 3/31/2015  | 5.95                                                   | 938     | 3,540   | 370           | 3,170           | 45.4   | 224         | 3.59                 | 1146.64               |

**Table 1**  
**Historic Groundwater Gauging and Analytical Data**  
**Kwik Fill M-90**  
**1322 South 2nd Street**  
**Clearfield, PA 16830**

| Piezometer/Well   | Date       | Compound    |         |         |               |                 |        |             | Depth-to-Groundwater | Groundwater Elevation |
|-------------------|------------|-------------|---------|---------|---------------|-----------------|--------|-------------|----------------------|-----------------------|
|                   |            | MTBE        | Benzene | Toluene | Ethyl-benzene | Xylenes (Total) | Cumene | Naphthalene |                      |                       |
| PADEP UARSHS MSCs |            | 20          | 5       | 1,000   | 700           | 10,000          | 840    | 100         |                      |                       |
| <b>MW-32</b>      | 5/28/2010  | <b>4.1</b>  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.22                 | 1145.58               |
|                   | 6/8/2010   | <b>2.8</b>  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.21                 | 1146.59               |
|                   | 8/30/2010  | <b>1.6</b>  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 5.16                 | 1144.64               |
|                   | 11/17/2010 | <b>2.2</b>  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.64                 | 1145.16               |
|                   | 3/1/2011   | <b>2.7</b>  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.94                 | 1146.86               |
|                   | 5/31/2011  | <b>2.6</b>  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.15                 | 1145.65               |
|                   | 8/24/2011  | <b>2.8</b>  | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.58                 | 1145.22               |
|                   | 3/28/2012  | <1.00       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.49                 | 1147.31               |
|                   | 6/25/2012  | <b>4.51</b> | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.51                 | 1145.29               |
|                   | 9/6/2012   | <b>4.07</b> | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.51                 | 1144.29               |
|                   | 12/14/2012 | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.65                 | 1144.15               |
|                   | 3/5/2013   | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.50                 | 1144.30               |
|                   | 5/28/2013  | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.22                 | 1144.58               |
|                   | 9/9/2013   | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 6.50                 | 1143.30               |
|                   | 12/2/2013  | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.80                 | 1144.00               |
|                   | 3/25/2014  | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.45                 | 1144.35               |
|                   | 6/11/2014  | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 6.10                 | 1143.70               |
|                   | 9/24/2014  | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 6.39                 | 1143.41               |
|                   | 12/17/2014 | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.19                 | 1145.61               |
|                   | 3/31/2015  | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.70                 | 1146.10               |
| <b>MW-33</b>      | 5/28/2010  | <1.00       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.41                 | 1145.72               |
|                   | 6/8/2010   | <1.00       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.36                 | 1146.77               |
|                   | 8/30/2010  | <1.00       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 5.25                 | 1144.88               |
|                   | 11/17/2010 | <1.00       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.96                 | 1145.17               |
|                   | 3/1/2011   | <1.00       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 3.42                 | 1146.71               |
|                   | 5/31/2011  | <1.00       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.38                 | 1145.75               |
|                   | 8/24/2011  | <1.00       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 4.72                 | 1145.41               |
|                   | 3/28/2012  | <1.00       | <1.00   | <1.00   | <1.00         | <3.00           | <1.00  | <2.00       | 2.70                 | 1147.43               |
|                   | 6/25/2012  | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.66                 | 1145.47               |
|                   | 9/6/2012   | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.70                 | 1144.43               |
|                   | 12/14/2012 | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.72                 | 1145.41               |
|                   | 3/5/2013   | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.46                 | 1145.67               |
|                   | 5/28/2013  | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.15                 | 1145.98               |
|                   | 9/9/2013   | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 6.40                 | 1143.73               |
|                   | 12/2/2013  | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.56                 | 1144.57               |
|                   | 3/25/2014  | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.60                 | 1145.53               |
|                   | 6/11/2014  | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.32                 | 1144.81               |
|                   | 9/24/2014  | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 5.71                 | 1144.42               |
|                   | 12/17/2014 | NS          | NS      | NS      | NS            | NS              | NS     | NS          | 4.29                 | 1145.84               |
|                   | 3/31/2015  | NS          | NS      | NS      | NS            | NS              | NS     | NS          | 4.00                 | 1146.13               |
| <b>MW-34</b>      | 12/17/2014 | <b>2.94</b> | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.39                 | Not Surveyed          |
|                   | 3/31/2015  | <b>3.69</b> | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.65                 | Not Surveyed          |
| <b>MW-35</b>      | 12/17/2014 | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.66                 | Not Surveyed          |
|                   | 3/31/2015  | <1.00       | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 3.94                 | Not Surveyed          |
| <b>MW-36</b>      | 12/17/2014 | <b>3.24</b> | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 4.08                 | Not Surveyed          |
|                   | 3/31/2015  | <b>4.94</b> | <1.00   | <1.00   | <1.00         | <2.00           | <1.00  | <1.00       | 1.65                 | Not Surveyed          |

Notes:

Groundwater elevation data reported in feet (ft).

Depth-to-groundwater results are reported in feet below top-of-casing (ft-btoc).

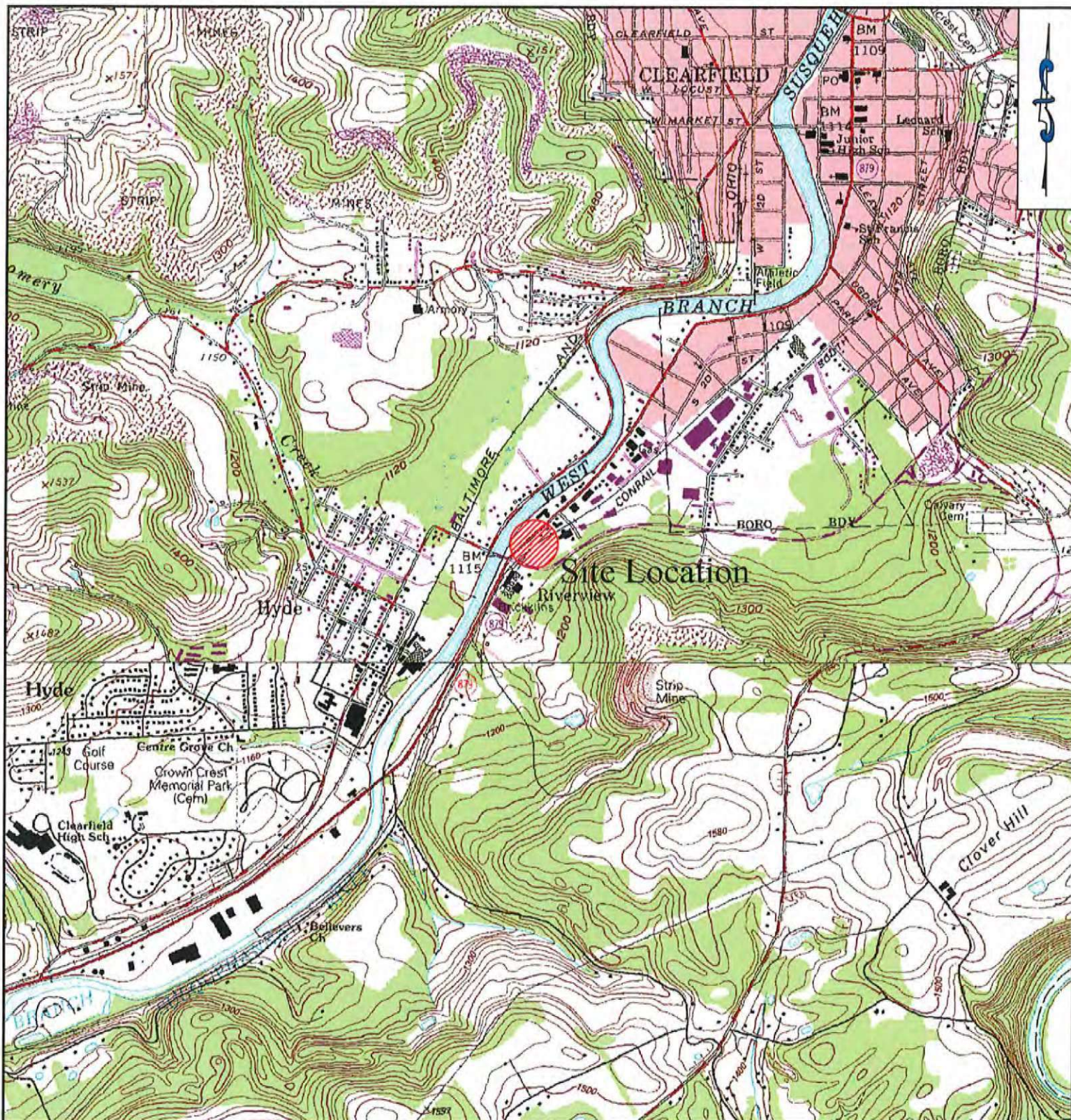
All results reported in ug/l.

Bold values indicate levels above LRL.

Bold and shaded values indicate exceedance of PADEP UARSHS MSCs.

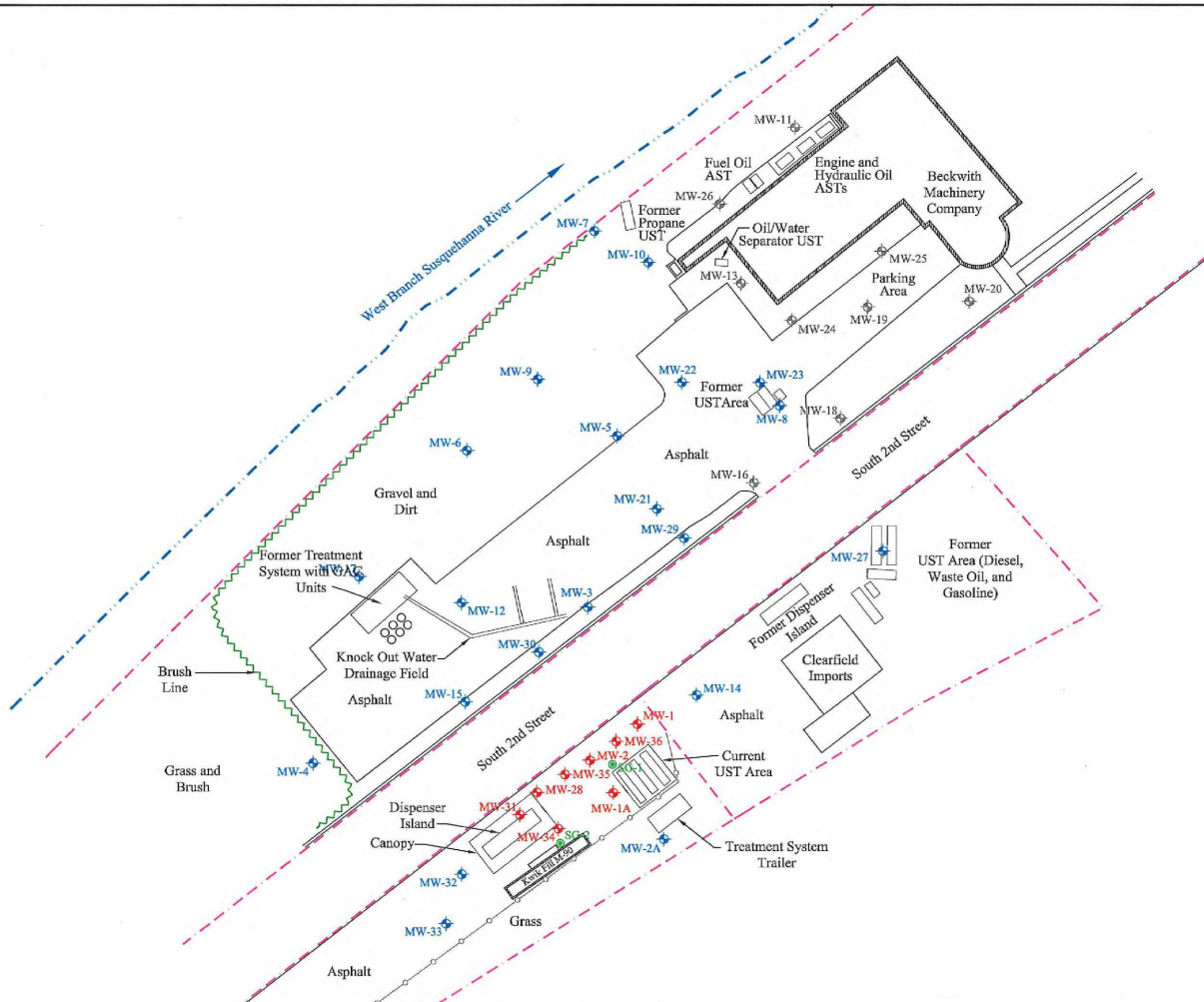
NG - Not Gauged. NA - Not Analyzed. NS - Not Sampled.

## FIGURES



Reference: 7.5-minute United States Geological Survey Topographic Quadrangles of Clearfield and Glen Richey, Pennsylvania, DeLorme 3-D Topographic Quads Program.

| Prepared For:                                                            | Project Information:                                                                                          | Prepared By:                                                                                                                                                                        |
|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Kwik Fill M-90<br/>1322 South 2nd Street<br/>Clearfield, PA 16830</p> | <p>Project Manager: Jed Hill<br/>Project Geologist: George Hunzeker, P.G.</p>                                 | <p> <b>Letterle &amp; Associates</b></p>                                                       |
| <p><b>Title:</b></p>                                                     | <p><b>Scale (feet):</b></p>                                                                                   | <p>2022 Axemann Road, Suite 201<br/>Bellefonte, PA 16823<br/>P: 814-355-2241<br/>F: 814-355-2410<br/><a href="http://www.letterleassociates.com">www.letterleassociates.com</a></p> |
| <p>Figure 1<br/>Site Location Map</p>                                    | <p>Scale: 1" = 2000'</p>  |                                                                                                                                                                                     |



Prepared By:



2022 Axemann Road, Suite 201  
Bellefonte, PA 16823  
P: 814-355-2241  
F: 814-355-2410  
www.letterleassociates.com

Project Manager: Jed Hill  
Project Geologist: George Hunzeker, P.G.

Prepared For:

Kwik Fill M-90  
1322 South 2nd Street  
Clearfield, PA 16830

Title:

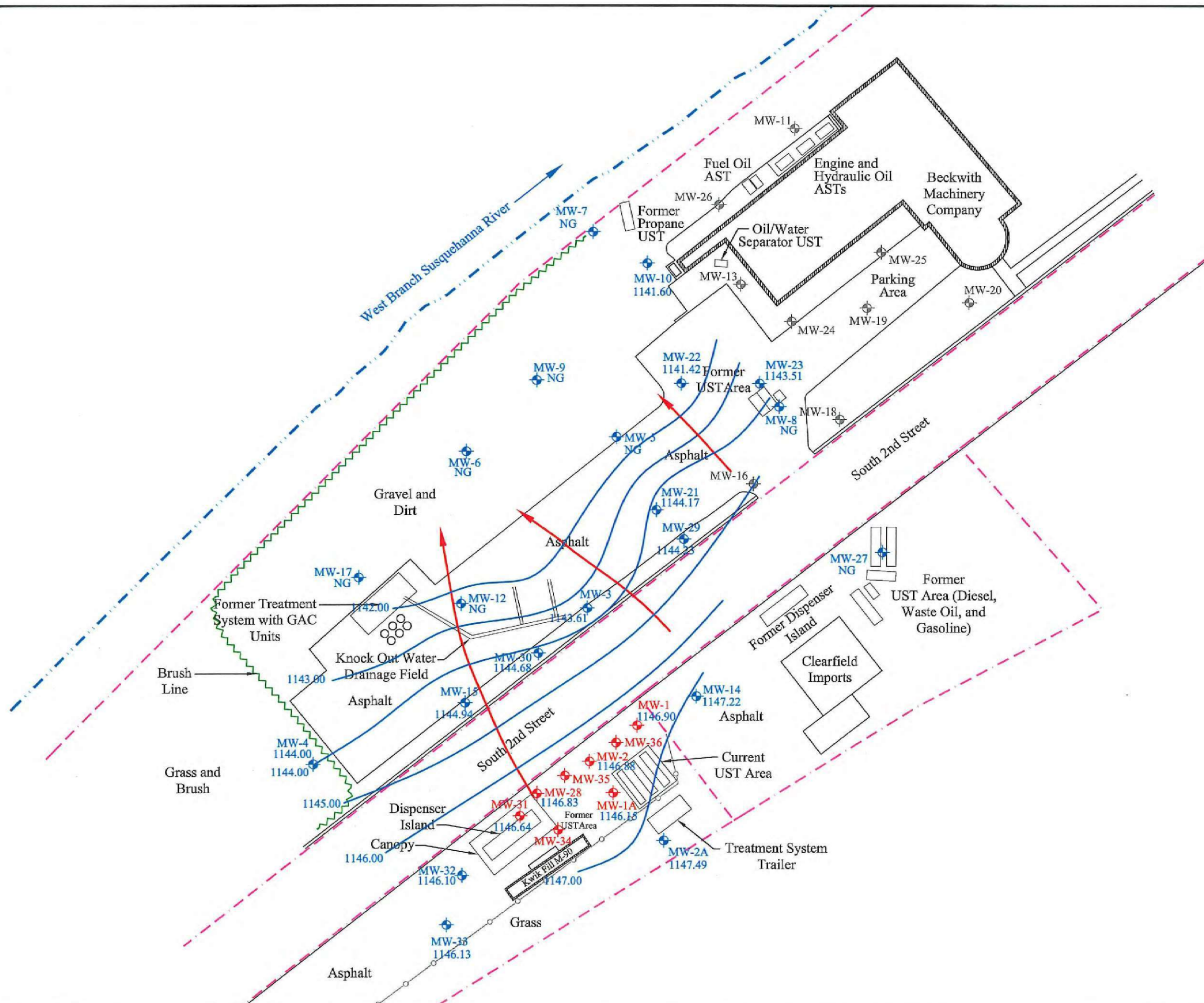
Figure 2  
Site Layout Map

Legend:

- Groundwater Monitoring Well Location
- Abandoned Groundwater Monitoring Well
- Vapor/Groundwater Extraction Well
- Soil Gas Point Location
- Property Boundary
- Guard Rail

Scale (ft.):

1" = 30'  
One Inch Equals Sixty Feet  
0 30 60



Prepared By:



2022 Axemann Road, Suite 201  
Bellefonte, PA 16823  
P: 814-355-2241  
F: 814-355-2410  
www.letterleassociates.com

Project Manager: Jed Hill  
Project Geologist: George Hunzeker, P.G.

Prepared For:

Kwik Fill M-90  
1322 South 2nd Street  
Clearfield, PA 16830

Title:

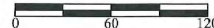
Figure 3  
Groundwater Potentiometric  
Surface Contour Map  
March 31, 2015

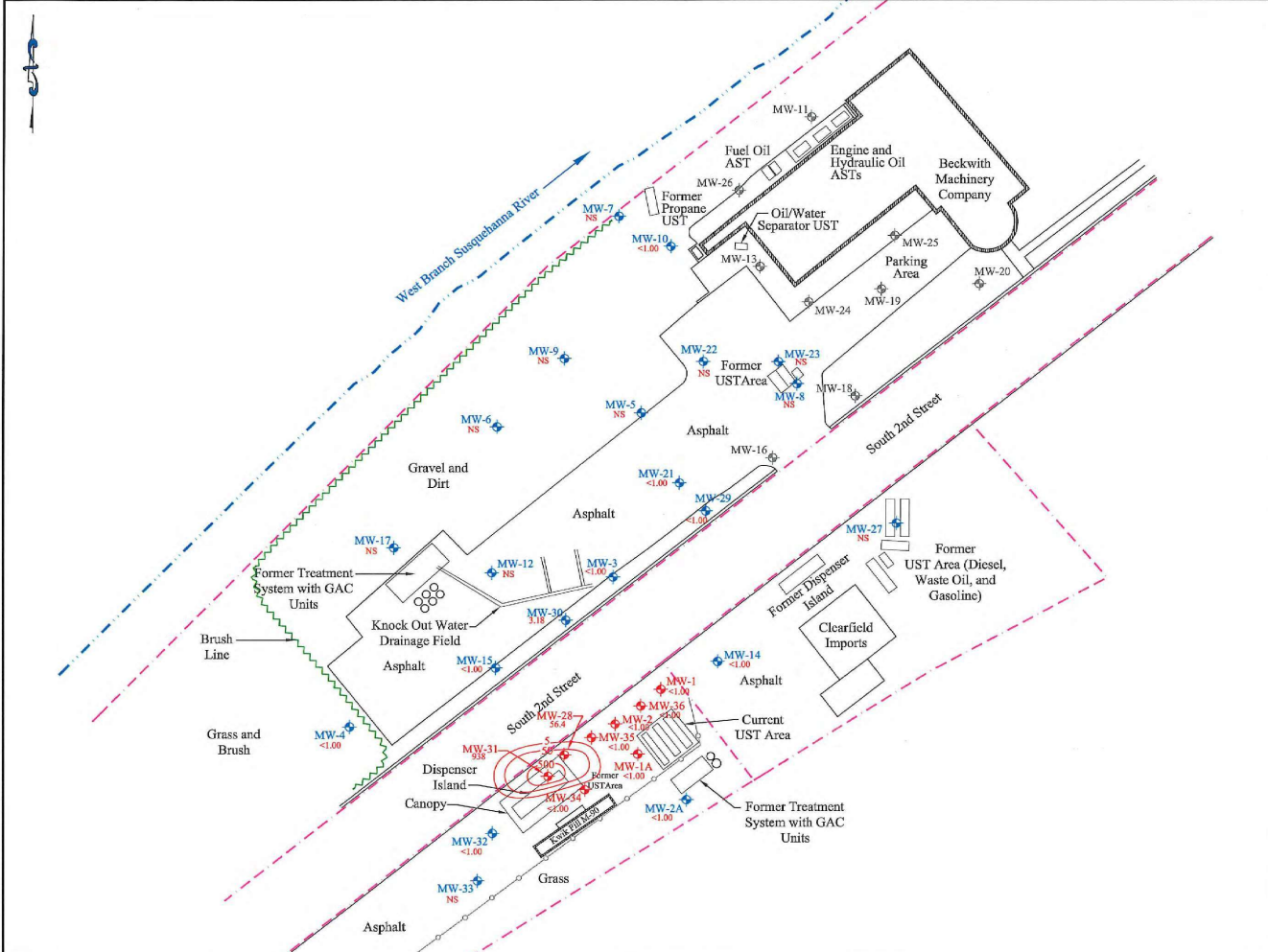
Legend:

- Groundwater Monitoring Well Location
- Abandoned Groundwater Monitoring Well
- Vapor/Groundwater Extraction Well
- Property Boundary
- Guard Rail
- 1144.0 Groundwater Elevation (ft)
- Groundwater Elevation Contour (dashed where inferred)
- Groundwater Flow Direction

Scale (ft.):

1" = 60'  
One Inch Equals Sixty Feet





**Prepared By:**

**Letterle & Associates**

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**Project Manager:** Jed Hill  
**Project Geologist:** George Hunzeker, P.G.

**Prepared For:**

Kwik Fill M-90  
 1322 South 2nd Street  
 Clearfield, PA 16830

**Title:**

Figure 4  
 Benzene Isoconcentration Contour Map  
 March 31, 2015

**Legend:**

- Groundwater Monitoring Well Location
- Abandoned Groundwater Monitoring Well
- Vapor/Groundwater Extraction Well
- Property Boundary
- Guard Rail
- Benzene Concentration (ug/L)
- Benzene Isoconcentration Contour Line

**Scale (ft.):**

1" = 60'  
 One Inch Equals Sixty Feet

0 60 120

Prepared By:



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F: 814-355-2410  
www.letterleassociates.com

Project Manager: Jed Hill  
Project Geologist: George Hunzeker, P.G.

Prepared For:

Kwik Fill M-90  
1322 South 2nd Street  
Clearfield, PA 16830

Title:

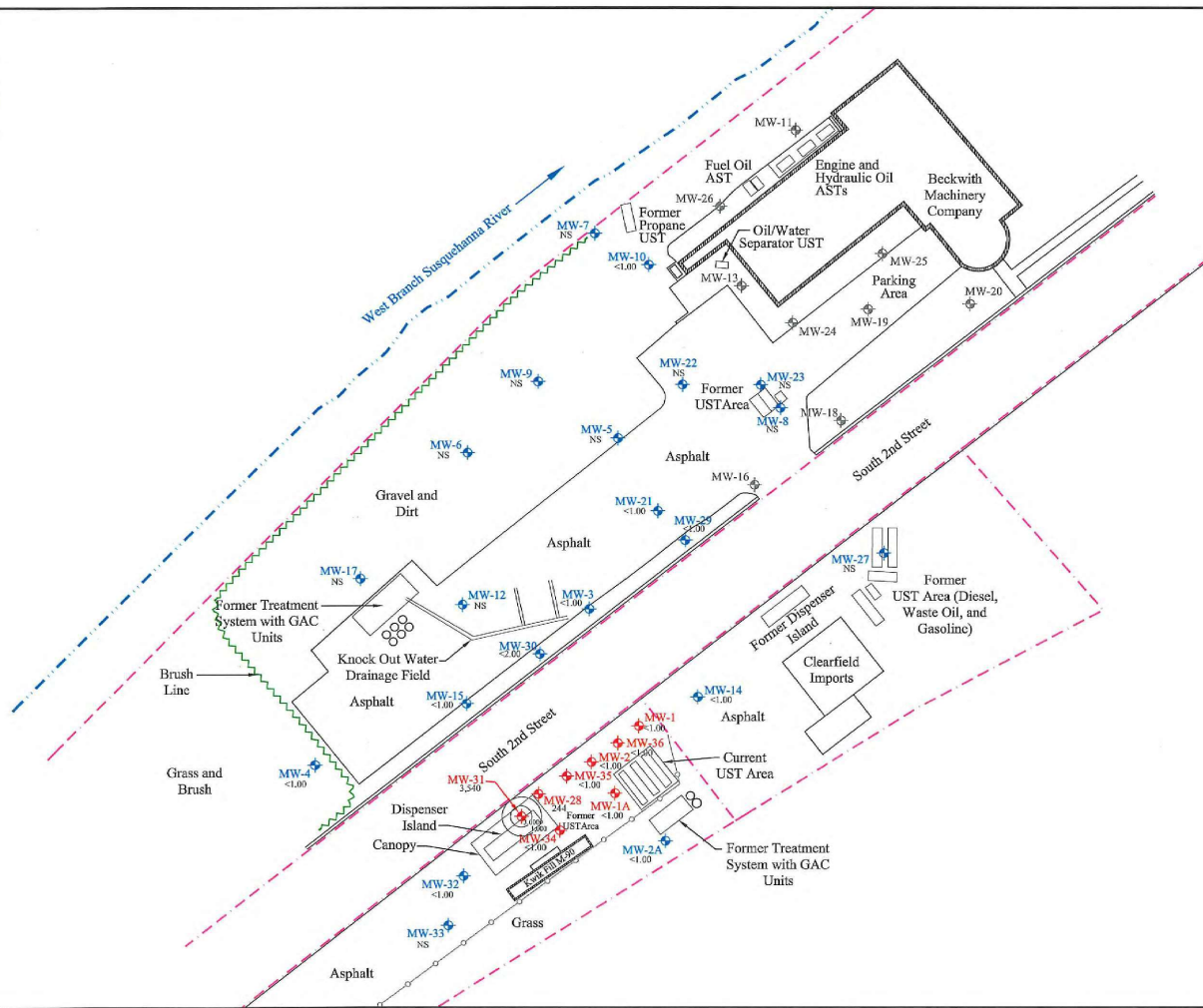
Figure 5  
Toluene Isoconcentration  
Contour Map  
March 31, 2015

Legend:

- Groundwater Monitoring Well Location
- Abandoned Groundwater Monitoring Well
- Vapor/Groundwater Extraction Well
- Property Boundary
- Guard Rail
- 1,000 Toluene Concentration (ug/L)
- Toluene Isoconcentration Contour Line

Scale (ft.):

1" = 60'  
One Inch Equals Sixty Feet



Prepared By:



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Project Manager: Jed Hill  
Project Geologist: George Hunzeker, P.G.

Prepared For:

Kwik Fill M-90  
1322 South 2nd Street  
Clearfield, PA 16830

Title:

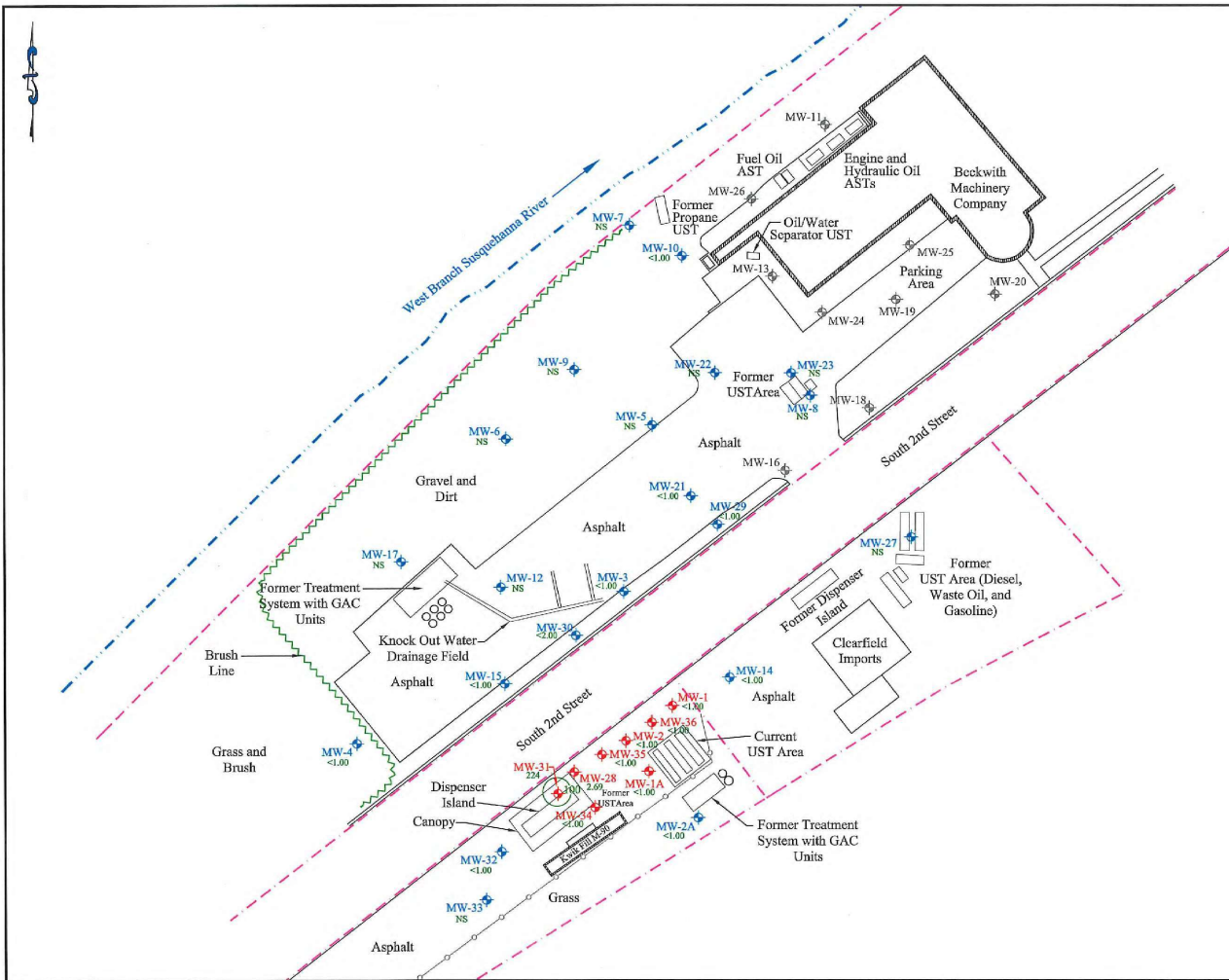
Figure 6  
Naphthalene Isoconcentration  
Contour Map  
March 31, 2015

Legend:

- Groundwater Monitoring Well Location
- Abandoned Groundwater Monitoring Well
- Vapor/Groundwater Extraction Well
- Property Boundary
- Guard Rail
- 100 Naphthalene Concentration (ug/L)
- Naphthalene Isoconcentration Contour Line

Scale (ft.):

1" = 60'  
One Inch Equals Sixty Feet



## **APPENDIX**

## **APPENDIX A**

### **Groundwater Analytical Laboratory Reports**



2019 Ninth Avenue  
PO Box 1925  
Altoona, PA 16603  
(814) 946-4306  
NELAP: PA 07-062, VA 460212

89 Kristi Road  
Pennsdale, PA 17756  
(570) 494-6380  
PaDEP: PA 41-04684



www.fairwaylaboratories.com

State Certifications: MD 275, WV 364

Letterle & Associates Inc.  
2022 Axemann Road Suite 201  
Bellefonte PA, 16823  
Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: I.C.  
Number of Containers: 36  
Reported: 04/10/15 10:34

### ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Sample Type | Date Sampled   | Date Received  |
|-----------|---------------|--------|-------------|----------------|----------------|
| MW-1      | 5D01051-01    | Water  | Grab        | 03/31/15 09:39 | 04/01/15 14:10 |
| MW-1A     | 5D01051-02    | Water  | Grab        | 03/31/15 11:42 | 04/01/15 14:10 |
| MW-2      | 5D01051-03    | Water  | Grab        | 03/31/15 10:08 | 04/01/15 14:10 |
| MW-2A     | 5D01051-04    | Water  | Grab        | 03/31/15 10:05 | 04/01/15 14:10 |
| MW-3      | 5D01051-05    | Water  | Grab        | 03/31/15 12:35 | 04/01/15 14:10 |
| MW-4      | 5D01051-06    | Water  | Grab        | 03/31/15 13:30 | 04/01/15 14:10 |
| MW-10     | 5D01051-07    | Water  | Grab        | 03/31/15 13:22 | 04/01/15 14:10 |
| MW-14     | 5D01051-08    | Water  | Grab        | 03/31/15 09:21 | 04/01/15 14:10 |
| MW-15     | 5D01051-09    | Water  | Grab        | 03/31/15 12:02 | 04/01/15 14:10 |
| MW-21     | 5D01051-10    | Water  | Grab        | 03/31/15 13:06 | 04/01/15 14:10 |
| MW-28     | 5D01051-11    | Water  | Grab        | 03/31/15 10:40 | 04/01/15 14:10 |
| MW-29     | 5D01051-12    | Water  | Grab        | 03/31/15 12:52 | 04/01/15 14:10 |
| MW-30     | 5D01051-13    | Water  | Grab        | 03/31/15 12:18 | 04/01/15 14:10 |
| MW-31     | 5D01051-14    | Water  | Grab        | 03/31/15 10:54 | 04/01/15 14:10 |
| MW-32     | 5D01051-15    | Water  | Grab        | 03/31/15 11:10 | 04/01/15 14:10 |
| MW-34     | 5D01051-16    | Water  | Grab        | 03/31/15 11:25 | 04/01/15 14:10 |
| MW-35     | 5D01051-17    | Water  | Grab        | 03/31/15 10:25 | 04/01/15 14:10 |
| MW-36     | 5D01051-18    | Water  | Grab        | 03/31/15 09:55 | 04/01/15 14:10 |

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler  
Laboratory Director

*Fairway Labs in Altoona, PA is a NELAP (National Environmental Laboratory Accreditation Program) accredited lab, and as such, certifies that all applicable test results meet the requirements of NELAP, unless otherwise stated on the analytical report.*

*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.*



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PO Box 1925  
Altoona, PA 16603  
(814) 946-4306  
NELAP: PA 07-062, VA 460212

89 Kristi Road  
Pennssdale, PA 17756  
(570) 494-6380  
PaDEP: PA 41-04684



www.fairwaylaboratories.com

State Certifications: MD 275, WV 364

Letterle & Associates Inc.  
2022 Axemann Road Suite 201  
Bellefonte PA, 16823  
Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

#### ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Sample Type | Date Sampled | Date Received |
|-----------|---------------|--------|-------------|--------------|---------------|
|-----------|---------------|--------|-------------|--------------|---------------|

Fairway Laboratories, Inc.

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Letterle & Associates Inc.  
2022 Axemann Road Suite 201  
Bellefonte PA, 16823  
Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-1

Date/Time Sampled: 03/31/15 09:39

Laboratory Sample ID: 5D01051-01 (Water/Grab)

| Analyte                                               | Result | MDL | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|-----|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |     |        |       |                      |           |           |      |
| Benzene                                               | <1.00  |     | 1.00   | ug/l  | 04/02/15 23:45       | EPA 8260B | mtc       |      |
| Toluene                                               | <1.00  |     | 1.00   | ug/l  | 04/02/15 23:45       | EPA 8260B | mtc       |      |
| Ethylbenzene                                          | <1.00  |     | 1.00   | ug/l  | 04/02/15 23:45       | EPA 8260B | mtc       |      |
| Xylenes (total)                                       | <2.00  |     | 2.00   | ug/l  | 04/02/15 23:45       | EPA 8260B | mtc       |      |
| Isopropylbenzene                                      | <1.00  |     | 1.00   | ug/l  | 04/02/15 23:45       | EPA 8260B | mtc       |      |
| Methyl tert-butyl ether                               | <1.00  |     | 1.00   | ug/l  | 04/02/15 23:45       | EPA 8260B | mtc       |      |
| Naphthalene                                           | <1.00  |     | 1.00   | ug/l  | 04/02/15 23:45       | EPA 8260B | mtc       |      |
| Surrogate: 4-Bromofluorobenzene                       | 99.1 % |     | 70-130 |       | 04/02/15 23:45       | EPA 8260B | mtc       |      |
| Surrogate: 1,2-Dichloroethane-d4                      | 96.2 % |     | 70-130 |       | 04/02/15 23:45       | EPA 8260B | mtc       |      |
| Surrogate: Fluorobenzene                              | 78.8 % |     | 70-130 |       | 04/02/15 23:45       | EPA 8260B | mtc       |      |

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(570) 494-6380  
PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Letterle & Associates Inc.  
2022 Axemann Road Suite 201  
Bellefonte PA, 16823  
Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-1A

Date/Time Sampled: 03/31/15 11:42

Laboratory Sample ID: 5D01051-02 (Water/Grab)

| Analyte                                               | Result | MDL | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|-----|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |     |        |       |                      |           |           |      |
| Benzene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 01:01       | EPA 8260B | mtc       | 2b   |
| Toluene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 01:01       | EPA 8260B | mtc       |      |
| Ethylbenzene                                          | <1.00  |     | 1.00   | ug/l  | 04/03/15 01:01       | EPA 8260B | mtc       |      |
| Xylenes (total)                                       | <2.00  |     | 2.00   | ug/l  | 04/03/15 01:01       | EPA 8260B | mtc       |      |
| Isopropylbenzene                                      | <1.00  |     | 1.00   | ug/l  | 04/03/15 01:01       | EPA 8260B | mtc       |      |
| Methyl tert-butyl ether                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 01:01       | EPA 8260B | mtc       |      |
| Naphthalene                                           | <1.00  |     | 1.00   | ug/l  | 04/03/15 01:01       | EPA 8260B | mtc       |      |
| Surrogate: 4-Bromofluorobenzene                       | 100 %  |     | 70-130 |       | 04/03/15 01:01       | EPA 8260B | mtc       |      |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.0 % |     | 70-130 |       | 04/03/15 01:01       | EPA 8260B | mtc       |      |
| Surrogate: Fluorobenzene                              | 77.9 % |     | 70-130 |       | 04/03/15 01:01       | EPA 8260B | mtc       |      |

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PaDEP: PA 41-04684



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Letterle & Associates Inc.  
2022 Axemann Road Suite 201  
Bellefonte PA, 16823  
Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-2

Date/Time Sampled: 03/31/15 10:08

Laboratory Sample ID: 5D01051-03 (Water/Grab)

| Analyte                                               | Result | MDL | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|-----|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |     |        |       |                      |           |           |      |
| Benzene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 06:44       | EPA 8260B | MTC       |      |
| Toluene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 06:44       | EPA 8260B | MTC       |      |
| Ethylbenzene                                          | <1.00  |     | 1.00   | ug/l  | 04/03/15 06:44       | EPA 8260B | MTC       |      |
| Xylenes (total)                                       | <2.00  |     | 2.00   | ug/l  | 04/03/15 06:44       | EPA 8260B | MTC       |      |
| Isopropylbenzene                                      | <1.00  |     | 1.00   | ug/l  | 04/03/15 06:44       | EPA 8260B | MTC       |      |
| Methyl tert-butyl ether                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 06:44       | EPA 8260B | MTC       |      |
| Naphthalene                                           | <1.00  |     | 1.00   | ug/l  | 04/03/15 06:44       | EPA 8260B | MTC       |      |
| Surrogate: 4-Bromofluorobenzene                       | 99.8 % |     | 70-130 |       | 04/03/15 06:44       | EPA 8260B | MTC       |      |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.7 % |     | 70-130 |       | 04/03/15 06:44       | EPA 8260B | MTC       |      |
| Surrogate: Fluorobenzene                              | 79.1 % |     | 70-130 |       | 04/03/15 06:44       | EPA 8260B | MTC       |      |

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(570) 494-6380  
PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Letterle & Associates Inc.  
2022 Axemann Road Suite 201  
Bellefonte PA, 16823  
Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-2A

Date/Time Sampled: 03/31/15 10:05

Laboratory Sample ID: 5D01051-04 (Water/Grab)

| Analyte                                               | Result | MDL | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|-----|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |     |        |       |                      |           |           |      |
| Benzene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 00:04       | EPA 8260B | mtc       |      |
| Toluene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 00:04       | EPA 8260B | mtc       |      |
| Ethylbenzene                                          | <1.00  |     | 1.00   | ug/l  | 04/03/15 00:04       | EPA 8260B | mtc       |      |
| Xylenes (total)                                       | <2.00  |     | 2.00   | ug/l  | 04/03/15 00:04       | EPA 8260B | mtc       |      |
| Isopropylbenzene                                      | <1.00  |     | 1.00   | ug/l  | 04/03/15 00:04       | EPA 8260B | mtc       |      |
| Methyl tert-butyl ether                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 00:04       | EPA 8260B | mtc       |      |
| Naphthalene                                           | <1.00  |     | 1.00   | ug/l  | 04/03/15 00:04       | EPA 8260B | mtc       |      |
| Surrogate: 4-Bromofluorobenzene                       | 100 %  |     | 70-130 |       | 04/03/15 00:04       | EPA 8260B | mtc       |      |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.7 % |     | 70-130 |       | 04/03/15 00:04       | EPA 8260B | mtc       |      |
| Surrogate: Fluorobenzene                              | 79.6 % |     | 70-130 |       | 04/03/15 00:04       | EPA 8260B | mtc       |      |

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PaDEP: PA 41-04684



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Letterle & Associates Inc.  
2022 Axemann Road Suite 201  
Bellefonte PA, 16823  
Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-3

Date/Time Sampled: 03/31/15 12:35

Laboratory Sample ID: 5D01051-05 (Water/Grab)

| Analyte                                               | Result | MDL | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|-----|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |     |        |       |                      |           |           |      |
| Benzene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 01:20       | EPA 8260B | mtc       |      |
| Toluene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 01:20       | EPA 8260B | mtc       |      |
| Ethylbenzene                                          | 1.17   |     | 1.00   | ug/l  | 04/03/15 01:20       | EPA 8260B | mtc       |      |
| Xylenes (total)                                       | <2.00  |     | 2.00   | ug/l  | 04/03/15 01:20       | EPA 8260B | mtc       |      |
| Isopropylbenzene                                      | <1.00  |     | 1.00   | ug/l  | 04/03/15 01:20       | EPA 8260B | mtc       |      |
| Methyl tert-butyl ether                               | 3.94   |     | 1.00   | ug/l  | 04/03/15 01:20       | EPA 8260B | mtc       |      |
| Naphthalene                                           | <1.00  |     | 1.00   | ug/l  | 04/03/15 01:20       | EPA 8260B | mtc       |      |
| Surrogate: 4-Bromofluorobenzene                       | 101 %  |     | 70-130 |       | 04/03/15 01:20       | EPA 8260B | mtc       |      |
| Surrogate: 1,2-Dichloroethane-d4                      | 99.7 % |     | 70-130 |       | 04/03/15 01:20       | EPA 8260B | mtc       |      |
| Surrogate: Fluorobenzene                              | 79.6 % |     | 70-130 |       | 04/03/15 01:20       | EPA 8260B | mtc       |      |

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State Certifications: MD 275, WV 364

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Letterle & Associates Inc.  
2022 Axemann Road Suite 201  
Bellefonte PA, 16823  
Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-4

Date/Time Sampled: 03/31/15 13:30

Laboratory Sample ID: 5D01051-06 (Water/Grab)

| Analyte                                               | Result | MDL | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|-----|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |     |        |       |                      |           |           |      |
| Benzene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 07:22       | EPA 8260B | MTC       |      |
| Toluene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 07:22       | EPA 8260B | MTC       |      |
| Ethylbenzene                                          | <1.00  |     | 1.00   | ug/l  | 04/03/15 07:22       | EPA 8260B | MTC       |      |
| Xylenes (total)                                       | <2.00  |     | 2.00   | ug/l  | 04/03/15 07:22       | EPA 8260B | MTC       |      |
| Isopropylbenzene                                      | <1.00  |     | 1.00   | ug/l  | 04/03/15 07:22       | EPA 8260B | MTC       |      |
| Methyl tert-butyl ether                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 07:22       | EPA 8260B | MTC       |      |
| Naphthalene                                           | <1.00  |     | 1.00   | ug/l  | 04/03/15 07:22       | EPA 8260B | MTC       |      |
| Surrogate: 4-Bromofluorobenzene                       | 101 %  |     | 70-130 |       | 04/03/15 07:22       | EPA 8260B | MTC       |      |
| Surrogate: 1,2-Dichloroethane-d4                      | 98.8 % |     | 70-130 |       | 04/03/15 07:22       | EPA 8260B | MTC       |      |
| Surrogate: Fluorobenzene                              | 78.8 % |     | 70-130 |       | 04/03/15 07:22       | EPA 8260B | MTC       |      |

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PaDEP: PA 41-04684



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State Certifications: MD 275, WV 364

Letterle & Associates Inc.  
2022 Axemann Road Suite 201  
Bellefonte PA, 16823  
Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-10

Date/Time Sampled: 03/31/15 13:22

Laboratory Sample ID: 5D01051-07 (Water/Grab)

| Analyte                                               | Result | MDL | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|-----|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |     |        |       |                      |           |           |      |
| Benzene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 07:59       | EPA 8260B | MTC       |      |
| Toluene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 07:59       | EPA 8260B | MTC       |      |
| Ethylbenzene                                          | <1.00  |     | 1.00   | ug/l  | 04/03/15 07:59       | EPA 8260B | MTC       |      |
| Xylenes (total)                                       | <2.00  |     | 2.00   | ug/l  | 04/03/15 07:59       | EPA 8260B | MTC       |      |
| Isopropylbenzene                                      | <1.00  |     | 1.00   | ug/l  | 04/03/15 07:59       | EPA 8260B | MTC       |      |
| Methyl tert-butyl ether                               | 4.13   |     | 1.00   | ug/l  | 04/03/15 07:59       | EPA 8260B | MTC       |      |
| Naphthalene                                           | <1.00  |     | 1.00   | ug/l  | 04/03/15 07:59       | EPA 8260B | MTC       |      |
| Surrogate: 4-Bromofluorobenzene                       | 99.8 % |     | 70-130 |       | 04/03/15 07:59       | EPA 8260B | MTC       |      |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.7 % |     | 70-130 |       | 04/03/15 07:59       | EPA 8260B | MTC       |      |
| Surrogate: Fluorobenzene                              | 78.7 % |     | 70-130 |       | 04/03/15 07:59       | EPA 8260B | MTC       |      |

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Bellefonte PA, 16823  
Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-14

Date/Time Sampled: 03/31/15 09:21

Laboratory Sample ID: 5D01051-08 (Water/Grab)

| Analyte                                               | Result | MDL    | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|--------|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |        |        |       |                      |           |           |      |
| Benzene                                               | <1.00  |        | 1.00   | ug/l  | 04/03/15 08:38       | EPA 8260B | MTC       |      |
| Toluene                                               | <1.00  |        | 1.00   | ug/l  | 04/03/15 08:38       | EPA 8260B | MTC       |      |
| Ethylbenzene                                          | <1.00  |        | 1.00   | ug/l  | 04/03/15 08:38       | EPA 8260B | MTC       |      |
| Xylenes (total)                                       | <2.00  |        | 2.00   | ug/l  | 04/03/15 08:38       | EPA 8260B | MTC       |      |
| Isopropylbenzene                                      | <1.00  |        | 1.00   | ug/l  | 04/03/15 08:38       | EPA 8260B | MTC       |      |
| Methyl tert-butyl ether                               | <1.00  |        | 1.00   | ug/l  | 04/03/15 08:38       | EPA 8260B | MTC       |      |
| Naphthalene                                           | <1.00  |        | 1.00   | ug/l  | 04/03/15 08:38       | EPA 8260B | MTC       |      |
| Surrogate: 4-Bromofluorobenzene                       |        | 100 %  | 70-130 |       | 04/03/15 08:38       | EPA 8260B | MTC       |      |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 98.3 % | 70-130 |       | 04/03/15 08:38       | EPA 8260B | MTC       |      |
| Surrogate: Fluorobenzene                              |        | 78.0 % | 70-130 |       | 04/03/15 08:38       | EPA 8260B | MTC       |      |

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Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-15

Date/Time Sampled: 03/31/15 12:02

Laboratory Sample ID: 5D01051-09 (Water/Grab)

| Analyte                                               | Result | MDL | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|-----|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |     |        |       |                      |           |           |      |
| Benzene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 09:16       | EPA 8260B | MTC       |      |
| Toluene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 09:16       | EPA 8260B | MTC       |      |
| Ethylbenzene                                          | <1.00  |     | 1.00   | ug/l  | 04/03/15 09:16       | EPA 8260B | MTC       |      |
| Xylenes (total)                                       | <2.00  |     | 2.00   | ug/l  | 04/03/15 09:16       | EPA 8260B | MTC       |      |
| Isopropylbenzene                                      | <1.00  |     | 1.00   | ug/l  | 04/03/15 09:16       | EPA 8260B | MTC       |      |
| Methyl tert-butyl ether                               | 1.59   |     | 1.00   | ug/l  | 04/03/15 09:16       | EPA 8260B | MTC       |      |
| Naphthalene                                           | <1.00  |     | 1.00   | ug/l  | 04/03/15 09:16       | EPA 8260B | MTC       |      |
| Surrogate: 4-Bromofluorobenzene                       | 102 %  |     | 70-130 |       | 04/03/15 09:16       | EPA 8260B | MTC       |      |
| Surrogate: 1,2-Dichloroethane-d4                      | 99.1 % |     | 70-130 |       | 04/03/15 09:16       | EPA 8260B | MTC       |      |
| Surrogate: Fluorobenzene                              | 78.3 % |     | 70-130 |       | 04/03/15 09:16       | EPA 8260B | MTC       |      |

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Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-21

Date/Time Sampled: 03/31/15 13:06

Laboratory Sample ID: 5D01051-10 (Water/Grab)

| Analyte                                               | Result | MDL | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|-----|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |     |        |       |                      |           |           |      |
| Benzene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 09:53       | EPA 8260B | MTC       |      |
| Toluene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 09:53       | EPA 8260B | MTC       |      |
| Ethylbenzene                                          | <1.00  |     | 1.00   | ug/l  | 04/03/15 09:53       | EPA 8260B | MTC       |      |
| Xylenes (total)                                       | <2.00  |     | 2.00   | ug/l  | 04/03/15 09:53       | EPA 8260B | MTC       |      |
| Isopropylbenzene                                      | <1.00  |     | 1.00   | ug/l  | 04/03/15 09:53       | EPA 8260B | MTC       |      |
| Methyl tert-butyl ether                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 09:53       | EPA 8260B | MTC       |      |
| Naphthalene                                           | <1.00  |     | 1.00   | ug/l  | 04/03/15 09:53       | EPA 8260B | MTC       |      |
| Surrogate: 4-Bromofluorobenzene                       | 100 %  |     | 70-130 |       | 04/03/15 09:53       | EPA 8260B | MTC       |      |
| Surrogate: 1,2-Dichloroethane-d4                      | 98.3 % |     | 70-130 |       | 04/03/15 09:53       | EPA 8260B | MTC       |      |
| Surrogate: Fluorobenzene                              | 77.6 % |     | 70-130 |       | 04/03/15 09:53       | EPA 8260B | MTC       |      |

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Bellefonte PA, 16823  
Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-28

Date/Time Sampled: 03/31/15 10:40

Laboratory Sample ID: 5D01051-11 (Water/Grab)

| Analyte                                               | Result | MDL | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|-----|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |     |        |       |                      |           |           |      |
| Benzene                                               | 56.4   |     | 1.00   | ug/l  | 04/03/15 10:32       | EPA 8260B | MTC       |      |
| Toluene                                               | 244    |     | 10.0   | ug/l  | 04/06/15 18:02       | EPA 8260B | MTC       |      |
| Ethylbenzene                                          | 13.4   |     | 1.00   | ug/l  | 04/03/15 10:32       | EPA 8260B | MTC       |      |
| Xylenes (total)                                       | 196    |     | 2.00   | ug/l  | 04/03/15 10:32       | EPA 8260B | MTC       |      |
| Isopropylbenzene                                      | <1.00  |     | 1.00   | ug/l  | 04/03/15 10:32       | EPA 8260B | MTC       |      |
| Methyl tert-butyl ether                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 10:32       | EPA 8260B | MTC       |      |
| Naphthalene                                           | 2.69   |     | 1.00   | ug/l  | 04/03/15 10:32       | EPA 8260B | MTC       |      |
| Surrogate: 4-Bromofluorobenzene                       | 102 %  |     | 70-130 |       | 04/03/15 10:32       | EPA 8260B | MTC       |      |
| Surrogate: 1,2-Dichloroethane-d4                      | 99.0 % |     | 70-130 |       | 04/03/15 10:32       | EPA 8260B | MTC       |      |
| Surrogate: Fluorobenzene                              | 78.9 % |     | 70-130 |       | 04/03/15 10:32       | EPA 8260B | MTC       |      |

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Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-29

Date/Time Sampled: 03/31/15 12:52

Laboratory Sample ID: 5D01051-12 (Water/Grab)

| Analyte                                               | Result | MDL | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|-----|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |     |        |       |                      |           |           |      |
| Benzene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 11:10       | EPA 8260B | MTC       |      |
| Toluene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 11:10       | EPA 8260B | MTC       |      |
| Ethylbenzene                                          | <1.00  |     | 1.00   | ug/l  | 04/03/15 11:10       | EPA 8260B | MTC       |      |
| Xylenes (total)                                       | <2.00  |     | 2.00   | ug/l  | 04/03/15 11:10       | EPA 8260B | MTC       |      |
| Isopropylbenzene                                      | <1.00  |     | 1.00   | ug/l  | 04/03/15 11:10       | EPA 8260B | MTC       |      |
| Methyl tert-butyl ether                               | 2.73   |     | 1.00   | ug/l  | 04/03/15 11:10       | EPA 8260B | MTC       |      |
| Naphthalene                                           | <1.00  |     | 1.00   | ug/l  | 04/03/15 11:10       | EPA 8260B | MTC       |      |
| Surrogate: 4-Bromofluorobenzene                       | 100 %  |     | 70-130 |       | 04/03/15 11:10       | EPA 8260B | MTC       |      |
| Surrogate: 1,2-Dichloroethane-d4                      | 99.0 % |     | 70-130 |       | 04/03/15 11:10       | EPA 8260B | MTC       |      |
| Surrogate: Fluorobenzene                              | 78.2 % |     | 70-130 |       | 04/03/15 11:10       | EPA 8260B | MTC       |      |

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Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-30

Date/Time Sampled: 03/31/15 12:18

Laboratory Sample ID: 5D01051-13 (Water/Grab)

| Analyte                                               | Result | MDL | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|-----|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |     |        |       |                      |           |           |      |
| Benzene                                               | 3.18   |     | 2.00   | ug/l  | 04/04/15 01:04       | EPA 8260B | wlm       |      |
| Toluene                                               | <2.00  |     | 2.00   | ug/l  | 04/04/15 01:04       | EPA 8260B | wlm       |      |
| Ethylbenzene                                          | <2.00  |     | 2.00   | ug/l  | 04/04/15 01:04       | EPA 8260B | wlm       |      |
| Xylenes (total)                                       | <4.00  |     | 4.00   | ug/l  | 04/04/15 01:04       | EPA 8260B | wlm       |      |
| Isopropylbenzene                                      | <2.00  |     | 2.00   | ug/l  | 04/04/15 01:04       | EPA 8260B | wlm       |      |
| Methyl tert-butyl ether                               | <2.00  |     | 2.00   | ug/l  | 04/04/15 01:04       | EPA 8260B | wlm       |      |
| Naphthalene                                           | <2.00  |     | 2.00   | ug/l  | 04/04/15 01:04       | EPA 8260B | wlm       |      |
| Surrogate: 4-Bromofluorobenzene                       | 92.9 % |     | 70-130 |       | 04/04/15 01:04       | EPA 8260B | wlm       |      |
| Surrogate: 1,2-Dichloroethane-d4                      | 94.8 % |     | 70-130 |       | 04/04/15 01:04       | EPA 8260B | wlm       |      |
| Surrogate: Fluorobenzene                              | 103 %  |     | 70-130 |       | 04/04/15 01:04       | EPA 8260B | wlm       |      |

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Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-31

Date/Time Sampled: 03/31/15 10:54

Laboratory Sample ID: 5D01051-14 (Water/Grab)

| Analyte                                               | Result | MDL | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|-----|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |     |        |       |                      |           |           |      |
| Benzene                                               | 938    |     | 100    | ug/l  | 04/06/15 18:30       | EPA 8260B | wlm       |      |
| Toluene                                               | 3540   |     | 100    | ug/l  | 04/06/15 18:30       | EPA 8260B | wlm       |      |
| Ethylbenzene                                          | 370    |     | 100    | ug/l  | 04/06/15 18:30       | EPA 8260B | wlm       |      |
| Xylenes (total)                                       | 3170   |     | 200    | ug/l  | 04/06/15 18:30       | EPA 8260B | wlm       |      |
| Isopropylbenzene                                      | 45.4   |     | 5.00   | ug/l  | 04/03/15 22:43       | EPA 8260B | wlm       |      |
| Methyl tert-butyl ether                               | 5.95   |     | 5.00   | ug/l  | 04/03/15 22:43       | EPA 8260B | wlm       |      |
| Naphthalene                                           | 224    |     | 5.00   | ug/l  | 04/03/15 22:43       | EPA 8260B | wlm       |      |
| Surrogate: 4-Bromofluorobenzene                       | 101 %  |     | 70-130 |       | 04/03/15 22:43       | EPA 8260B | wlm       |      |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.3 % |     | 70-130 |       | 04/03/15 22:43       | EPA 8260B | wlm       |      |
| Surrogate: Fluorobenzene                              | 107 %  |     | 70-130 |       | 04/03/15 22:43       | EPA 8260B | wlm       |      |

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2022 Axemann Road Suite 201  
Bellefonte PA, 16823  
Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-32

Date/Time Sampled: 03/31/15 11:10

Laboratory Sample ID: 5D01051-15 (Water/Grab)

| Analyte                                               | Result | MDL | RL     | Units | Date / Time Analyzed | Method    | *Analyst | Note |
|-------------------------------------------------------|--------|-----|--------|-------|----------------------|-----------|----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |     |        |       |                      |           |          |      |
| Benzene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 11:48       | EPA 8260B | MTC      |      |
| Toluene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 11:48       | EPA 8260B | MTC      |      |
| Ethylbenzene                                          | <1.00  |     | 1.00   | ug/l  | 04/03/15 11:48       | EPA 8260B | MTC      |      |
| Xylenes (total)                                       | <2.00  |     | 2.00   | ug/l  | 04/03/15 11:48       | EPA 8260B | MTC      |      |
| Isopropylbenzene                                      | <1.00  |     | 1.00   | ug/l  | 04/03/15 11:48       | EPA 8260B | MTC      |      |
| Methyl tert-butyl ether                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 11:48       | EPA 8260B | MTC      |      |
| Naphthalene                                           | <1.00  |     | 1.00   | ug/l  | 04/03/15 11:48       | EPA 8260B | MTC      |      |
| Surrogate: 4-Bromofluorobenzene                       | 101 %  |     | 70-130 |       | 04/03/15 11:48       | EPA 8260B | MTC      |      |
| Surrogate: 1,2-Dichloroethane-d4                      | 100 %  |     | 70-130 |       | 04/03/15 11:48       | EPA 8260B | MTC      |      |
| Surrogate: Fluorobenzene                              | 77.7 % |     | 70-130 |       | 04/03/15 11:48       | EPA 8260B | MTC      |      |

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2019 Ninth Avenue  
PO Box 1925  
Altoona, PA 16603  
(814) 946-4306  
NELAP: PA 07-062, VA 460212

89 Kristi Road  
Pennssdale, PA 17756  
(570) 494-6380  
PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

www.fairwaylaboratories.com

Letterle & Associates Inc.  
2022 Axemann Road Suite 201  
Bellefonte PA, 16823  
Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-34

Date/Time Sampled: 03/31/15 11:25

Laboratory Sample ID: 5D01051-16 (Water/Grab)

| Analyte                                               | Result | MDL    | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|--------|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |        |        |       |                      |           |           |      |
| Benzene                                               | <1.00  |        | 1.00   | ug/l  | 04/03/15 12:26       | EPA 8260B | MTC       |      |
| Toluene                                               | <1.00  |        | 1.00   | ug/l  | 04/03/15 12:26       | EPA 8260B | MTC       |      |
| Ethylbenzene                                          | <1.00  |        | 1.00   | ug/l  | 04/03/15 12:26       | EPA 8260B | MTC       |      |
| Xylenes (total)                                       | <2.00  |        | 2.00   | ug/l  | 04/03/15 12:26       | EPA 8260B | MTC       |      |
| Isopropylbenzene                                      | <1.00  |        | 1.00   | ug/l  | 04/03/15 12:26       | EPA 8260B | MTC       |      |
| Methyl tert-butyl ether                               | 3.69   |        | 1.00   | ug/l  | 04/03/15 12:26       | EPA 8260B | MTC       |      |
| Naphthalene                                           | <1.00  |        | 1.00   | ug/l  | 04/03/15 12:26       | EPA 8260B | MTC       |      |
| Surrogate: 4-Bromofluorobenzene                       |        | 101 %  | 70-130 |       | 04/03/15 12:26       | EPA 8260B | MTC       |      |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 101 %  | 70-130 |       | 04/03/15 12:26       | EPA 8260B | MTC       |      |
| Surrogate: Fluorobenzene                              |        | 77.6 % | 70-130 |       | 04/03/15 12:26       | EPA 8260B | MTC       |      |

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PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Letterle & Associates Inc.  
2022 Axemann Road Suite 201  
Bellefonte PA, 16823  
Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-35

Date/Time Sampled: 03/31/15 10:25

Laboratory Sample ID: 5D01051-17 (Water/Grab)

| Analyte                                               | Result | MDL | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|-----|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |     |        |       |                      |           |           |      |
| Benzene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 13:42       | EPA 8260B | MTC       | 2b   |
| Toluene                                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 13:42       | EPA 8260B | MTC       |      |
| Ethylbenzene                                          | <1.00  |     | 1.00   | ug/l  | 04/03/15 13:42       | EPA 8260B | MTC       |      |
| Xylenes (total)                                       | <2.00  |     | 2.00   | ug/l  | 04/03/15 13:42       | EPA 8260B | MTC       |      |
| Isopropylbenzene                                      | <1.00  |     | 1.00   | ug/l  | 04/03/15 13:42       | EPA 8260B | MTC       |      |
| Methyl tert-butyl ether                               | <1.00  |     | 1.00   | ug/l  | 04/03/15 13:42       | EPA 8260B | MTC       |      |
| Naphthalene                                           | <1.00  |     | 1.00   | ug/l  | 04/03/15 13:42       | EPA 8260B | MTC       |      |
| Surrogate: 4-Bromofluorobenzene                       | 101 %  |     | 70-130 |       | 04/03/15 13:42       | EPA 8260B | MTC       |      |
| Surrogate: 1,2-Dichloroethane-d4                      | 101 %  |     | 70-130 |       | 04/03/15 13:42       | EPA 8260B | MTC       |      |
| Surrogate: Fluorobenzene                              | 78.1 % |     | 70-130 |       | 04/03/15 13:42       | EPA 8260B | MTC       |      |

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State Certifications: MD 275, WV 364

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Letterle & Associates Inc.  
2022 Axemann Road Suite 201  
Bellefonte PA, 16823  
Project Manager: Jcd Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

Client Sample ID: MW-36

Date/Time Sampled: 03/31/15 09:55

Laboratory Sample ID: 5D01051-18 (Water/Grab)

| Analyte                                               | Result | MDL    | RL     | Units | Date / Time Analyzed | Method    | * Analyst | Note |
|-------------------------------------------------------|--------|--------|--------|-------|----------------------|-----------|-----------|------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |        |        |        |       |                      |           |           |      |
| Benzene                                               | <1.00  |        | 1.00   | ug/l  | 04/03/15 20:25       | EPA 8260B | mtc       |      |
| Toluene                                               | <1.00  |        | 1.00   | ug/l  | 04/03/15 20:25       | EPA 8260B | mtc       |      |
| Ethylbenzene                                          | <1.00  |        | 1.00   | ug/l  | 04/03/15 20:25       | EPA 8260B | mtc       |      |
| Xylenes (total)                                       | <2.00  |        | 2.00   | ug/l  | 04/03/15 20:25       | EPA 8260B | mtc       |      |
| Isopropylbenzene                                      | <1.00  |        | 1.00   | ug/l  | 04/03/15 20:25       | EPA 8260B | mtc       |      |
| Methyl tert-butyl ether                               | 4.94   |        | 1.00   | ug/l  | 04/03/15 20:25       | EPA 8260B | mtc       |      |
| Naphthalene                                           | <1.00  |        | 1.00   | ug/l  | 04/03/15 20:25       | EPA 8260B | mtc       |      |
| Surrogate: 4-Bromofluorobenzene                       |        | 100 %  | 70-130 |       | 04/03/15 20:25       | EPA 8260B | mtc       |      |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 98.3 % | 70-130 |       | 04/03/15 20:25       | EPA 8260B | mtc       |      |
| Surrogate: Fluorobenzene                              |        | 79.6 % | 70-130 |       | 04/03/15 20:25       | EPA 8260B | mtc       |      |

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Letterle & Associates Inc.  
2022 Axemann Road Suite 201  
Bellefonte PA, 16823  
Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

#### Notes

- 2b The spike recovery was outside acceptance limits for the MS and/or MSD. Data accepted based on acceptable LCS recovery.

#### Definitions

If surrogate values are not within the indicated range, then the results are considered to be estimated.

Reporting limits are adjusted accordingly when samples are analyzed at a dilution due to the matrix.

The following analyses are to be performed immediately upon sampling: pH, sulfite, chlorine residual, dissolved oxygen, filtration for ortho phosphorus, and ferrous iron. The date and time reported reflect the time the samples were analyzed at the laboratory.

MBAS, calculated as LAS, mol wt 348

If the solid sample weight for VOC analysis does not fall within the 3.5-6.5 gram range, the results are considered estimated values.

Unless otherwise noted, all results for solids are reported on a dry weight basis.

Samples collected by Fairway Laboratories' personnel are done so in accordance with Standard Operating Procedures established by Fairway Laboratories.

- \* P indicates analysis performed by Fairway Laboratories, Inc. at the Pennsdale location. This location is PaDEP Chapter 252 certified.

- < Represents "less than" - indicates that the result was less than the reporting limit.

- MDL Method Detection Limit - is the lowest or minimum level that provides 99% confidence level that the analyte is detected. Any reported result values that are less than the RL are considered estimated values.

- RL Reporting Limit - is the lowest or minimum level at which the analyte can be quantified.

- [CALC] Indicates a calculated result. Calculations use results from other analyses performed under accredited methods.

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Bellefonte PA, 16823  
Project Manager: Jed Hill

Project: UNITED CLEARFIELD  
Project Number: [none]  
Collector: LC  
Number of Containers: 36  
Reported: 04/10/15 10:34

#### Terms & Conditions

Services provided by Fairway Laboratories Inc. are limited to the terms and conditions stated herein, unless otherwise agreed to in a formal contract.

**CHAIN OF CUSTODY** Fairway Laboratories Inc. ("Fairway," "us" or "we") will initiate a chain-of-custody/request for analysis upon sample receipt unless the client includes a completed form with the received sample(s). Upon request, Fairway will provide chain-of-custody forms for use.

**CONFIDENTIALITY** Fairway maintains confidentiality in all of our client interactions. The client's consent will be required before releasing information about the services provided.

**CONTRACTS** All contracts are subject to review and approval by Fairway's legal council. Each contract must be signed by a corporate officer.

**PAYMENT/BILLING** Unless otherwise set forth in a signed contract or purchase order, terms of payment are "NET 30 Days." The time allowed for payment shall begin based on the invoice date. A 1.5% per month service charge may be added to all unpaid balances beyond the initial 30 days. In its sole discretion, Fairway reserves the right to request payment before services and hold sample results for payment of due balances. We will not bill a third party without prior agreement among all parties acknowledging and accepting responsibility for payment.

**SAMPLE COLLECTION AND SUBMISSION** Clients not requesting collection services from Fairway are responsible for proper collection, preservation, packaging, and delivery of samples to the laboratory in accordance with current law and commercial practice. Fairway shall have no responsibility for sample integrity prior to the receipt of the sample(s) and/or for any inaccuracy in test or analyses results as a result of the failure of the client or any third party to maintain the integrity of samples prior to delivery to Fairway. All samples submitted must be accompanied by a completed chain of custody or similar document clearly noting the requested analyses, dates/time sampled, client contact information, and trail of custody.

**SUBCONTRACTING** Some analyses may require subcontracting to another laboratory. Unless the client indicates otherwise, this decision will be made by Fairway. Subcontracted work will be identified on the final report in accordance with NELAP requirements.

**RETURN OF RESULTS** Fairway routinely provides faxed or verbal results within 10 working days of receipt of sample(s) and a hard copy of the data results is routinely received via US Postal Service within 15 working days. At the request of the client, Fairway may offer expedited return of sample results. Surcharges may apply to rush requests. All rush requests must be pre-approved by Fairway. We reserve the right to charge an archive retrieval fee for results older than one (1) year from the date of the request. All records will be maintained by Fairway for 5 years, after which, they will be destroyed.

**SAMPLE DISPOSAL** Fairway will maintain samples for four (4) weeks after the sample receipt date. Fairway will dispose of samples which are not and/or do not contain hazardous wastes (as such term is defined by applicable federal or state law), unless prior arrangements have been made for long-term storage. Fairway reserves the right to charge a disposal fee for the proper disposal of samples found or suspected to contain hazardous waste. A return shipping charge will be invoiced for samples returned to the client at their request.

**HAZARD COMMUNICATION** The client has the responsibility to inform the laboratory of any hazardous characteristics known or suspected about the sample, and to provide information on hazard prevention and personal protection as necessary or otherwise required by applicable law.

**WARRANTY AND LIMITATION OF LIABILITY** For services rendered, Fairway warrants that it will apply its best scientific knowledge and judgment and to employ its best level of effort consistent with professional standards within the environmental testing industry in performing the analytical services requested by its clients. We disclaim any other warranties, expressed or implied by law. Fairway does not accept any legal responsibility for the purposes for which client uses the test results.

**LITIGATION** All costs associated with compliance to any subpoena for documents, for testimony in a court of law, or for any other purpose relating to work performed by Fairway Laboratories, Inc. shall be invoiced by Fairway and paid by client. These costs shall include, but are not limited to, hourly charges for the persons involved, travel, mileage, and accommodations and for any and all other expenses associated with said litigation.

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**FAIRWAY LABORATORIES** Ph  
*Environmental Laboratory*

COC #

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|                                                                               |  |                                                |  |                               |  |                                 |  |                                    |  |                                                                        |  |                                                                               |  |                   |  |
|-------------------------------------------------------------------------------|--|------------------------------------------------|--|-------------------------------|--|---------------------------------|--|------------------------------------|--|------------------------------------------------------------------------|--|-------------------------------------------------------------------------------|--|-------------------|--|
| Client Name: <u>Letheby &amp; Associates</u>                                  |  | Address: <u>2072 Freeman Rd, Suite 201</u>     |  | Belleville, PA <u>17623</u>   |  | Contact: <u>Jed Hill</u>        |  | Phone #: <u>(814) - 355 - 7241</u> |  | Fax #: <u>(814) - 355 - 2410</u>                                       |  | Project Name: <u>Unleaded Cleefield</u>                                       |  | Quote/PO #: _____ |  |
| TAT: Normal <input checked="" type="checkbox"/> Rush <input type="checkbox"/> |  | Rush TAT subject to pre-approval and surcharge |  | Date Required: ____/____/____ |  | GRAB                            |  | Composite                          |  | Received on ice? Y <input type="checkbox"/> N <input type="checkbox"/> |  | Reportable to PADEP? Yes <input type="checkbox"/> No <input type="checkbox"/> |  | PWSID # _____     |  |
| Sample Description/Location                                                   |  | Composite Start                                |  | GRAB -or- Composite End       |  | Matrix                          |  | # of Containers                    |  | 1998 Unleaded Gas                                                      |  | LAB USE ONLY                                                                  |  | Tracking #        |  |
| MW - 1                                                                        |  | X                                              |  | 3/31/15 9:39                  |  | X                               |  | 2                                  |  |                                                                        |  | FedEx USPS                                                                    |  | UPS Other         |  |
| MW - 1A                                                                       |  |                                                |  | 11:42                         |  |                                 |  |                                    |  |                                                                        |  | Bottle Type/Comments                                                          |  |                   |  |
| MW - 2                                                                        |  |                                                |  | 10:09                         |  |                                 |  |                                    |  |                                                                        |  |                                                                               |  |                   |  |
| MW - 2A                                                                       |  |                                                |  | 10:05                         |  |                                 |  |                                    |  |                                                                        |  |                                                                               |  |                   |  |
| MW - 3                                                                        |  |                                                |  | 12:35                         |  |                                 |  |                                    |  |                                                                        |  |                                                                               |  |                   |  |
| MW - 4                                                                        |  |                                                |  | 13:30                         |  |                                 |  |                                    |  |                                                                        |  |                                                                               |  |                   |  |
| MW - 10                                                                       |  |                                                |  | 13:22                         |  |                                 |  |                                    |  |                                                                        |  |                                                                               |  |                   |  |
| MW - 14                                                                       |  |                                                |  | 9:21                          |  |                                 |  |                                    |  |                                                                        |  |                                                                               |  |                   |  |
| MW - 15                                                                       |  |                                                |  | 12:02                         |  |                                 |  |                                    |  |                                                                        |  |                                                                               |  |                   |  |
| MW - 21                                                                       |  |                                                |  | 13:06                         |  |                                 |  |                                    |  |                                                                        |  |                                                                               |  |                   |  |
| MW - 28                                                                       |  |                                                |  | 10:40                         |  |                                 |  |                                    |  |                                                                        |  |                                                                               |  |                   |  |
| Sampled by: <u>Logan Carbin</u>                                               |  | Date: <u>3/31/15</u>                           |  | Time: <u>15:07</u>            |  | Received by: <u>[Signature]</u> |  | Date: <u>4/1/15</u>                |  | Time: <u>11:45</u>                                                     |  | Remarks                                                                       |  |                   |  |
| Relinquished by: <u>[Signature]</u>                                           |  | Date: <u>4/1/15</u>                            |  | Time: <u>12:35</u>            |  | Received by: <u>[Signature]</u> |  | Date: <u>4/1/15</u>                |  | Time: <u>12:36</u>                                                     |  |                                                                               |  |                   |  |
| Relinquished by: <u>[Signature]</u>                                           |  | Date: <u>4/1/15</u>                            |  | Time: <u>14:10</u>            |  | Received by: <u>[Signature]</u> |  | Date: <u>4/1/15</u>                |  | Time: <u>14:10</u>                                                     |  |                                                                               |  |                   |  |
| Relinquished by: _____                                                        |  | Date: _____                                    |  | Time: _____                   |  | Received by: _____              |  | Date: _____                        |  | Time: _____                                                            |  |                                                                               |  |                   |  |

# CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for instructions/terms and conditions.

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P.O. Box 1925  
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Phone: (814) 946-4306  
Fax: (814) 946-8791

**FAIRWAY LABORATORIES**  
Environmental Laboratory  
89 Kristi Rd  
Remsde, PA 17756  
Phone: (570) 494-6380

LAB USE ONLY  
FedEx USPS  
UPS Other

Tracking #  
Bottle Type/Comments

|                                                                               |  |                                                 |  |                               |  |                                    |  |                                  |  |                                     |  |                                                                               |  |
|-------------------------------------------------------------------------------|--|-------------------------------------------------|--|-------------------------------|--|------------------------------------|--|----------------------------------|--|-------------------------------------|--|-------------------------------------------------------------------------------|--|
| Client Name: <u>Lehler &amp; Associates</u>                                   |  | Address: <u>2672 Arcadian Rd, Suite 201</u>     |  | Contact: <u>Let Hill</u>      |  | Phone #: <u>(814) - 355 - 2241</u> |  | Fax #: <u>(814) - 355 - 2910</u> |  | Project Name: <u>United AcadBld</u> |  | Quote/PO #: _____                                                             |  |
| TAT: Normal <input checked="" type="checkbox"/> Rush <input type="checkbox"/> |  | Rush TAT subject to pre-approval and surcharge. |  | Date Required: ____/____/____ |  | GRAB                               |  | Composite                        |  | Received on ice? Y N                |  | Reportable to PADEP? Yes <input type="checkbox"/> No <input type="checkbox"/> |  |
| Sample Description/Location                                                   |  | Start Date                                      |  | Start Time                    |  | End Date                           |  | End Time                         |  | Solid                               |  | Water                                                                         |  |
| mw-29                                                                         |  | X                                               |  |                               |  | 3/31/15                            |  | 12:52                            |  | X                                   |  | 2                                                                             |  |
| mw-30                                                                         |  |                                                 |  |                               |  |                                    |  | 12:18                            |  |                                     |  |                                                                               |  |
| mw-31                                                                         |  |                                                 |  |                               |  |                                    |  | 10:54                            |  |                                     |  |                                                                               |  |
| mw-32                                                                         |  |                                                 |  |                               |  |                                    |  | 11:16                            |  |                                     |  |                                                                               |  |
| mw-34                                                                         |  |                                                 |  |                               |  |                                    |  | 11:25                            |  |                                     |  |                                                                               |  |
| mw-35                                                                         |  |                                                 |  |                               |  |                                    |  | 10:25                            |  |                                     |  |                                                                               |  |
| mw-36                                                                         |  |                                                 |  |                               |  |                                    |  | 9:55                             |  |                                     |  |                                                                               |  |
| Sampled by: <u>Logan Corbin</u>                                               |  | Date: <u>3/31/15</u>                            |  | Time: <u>15:07</u>            |  | Received by: <u>Tracy Q. M.</u>    |  | Date: <u>4/1/15</u>              |  | Time: <u>11:45</u>                  |  | Remarks                                                                       |  |
| Relinquished by: <u>Tracy Q. M.</u>                                           |  | Date: <u>4/1/15</u>                             |  | Time: <u>13:35</u>            |  | Received by: <u>Tracy Q. M.</u>    |  | Date: <u>4/1/15</u>              |  | Time: <u>12:30</u>                  |  |                                                                               |  |
| Relinquished by: _____                                                        |  | Date: _____                                     |  | Time: _____                   |  | Received by: _____                 |  | Date: _____                      |  | Time: _____                         |  |                                                                               |  |

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse.

White Original - FLL File    Canary - FLL Copy    Pink - Customer Receipt Copy

