



**THIRD QUARTER 2017 REMEDIAL ACTION PROGRESS REPORT  
PAUSTIF CLAIM NO. 2011-0082(S)  
FORMER ROSEMERGY'S GARAGE/STORE PROPERTY  
NOW THE MARKET AT WOODLOCH  
1623 STATE ROUTE 590  
LACKAWAXEN TWP., PIKE COUNTY, PENNSYLVANIA**

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**REPORTING PERIOD:**

July 1, 2017 to September 30, 2017

**CONTACTS:**

**Project Manager:** Mr. David W. Swetland, P.G., Converse Consultants, State College, PA  
(814-234-3223) (dswetland@converseconsultants.com)

**Owner Contact:** Mr. George Korb, Chief Engineer, Woodloch Pines Inc., Hawley, PA  
(570) 878-1810

**QUARTERLY ACTIVITY SUMMARY:**

July 2017: System maintenance checks and monitoring. New blower installed on the 12<sup>th</sup>, system operational.

August 2017: System maintenance checks and monitoring. Cat-Ox removed on the 18<sup>th</sup>, larger heat exchanger required to handle new flow, system shut down to allow modifications.

September 2017: Quarterly sampling performed on the 6<sup>th</sup> and 7<sup>th</sup>. New heat exchanger installed on the 8<sup>th</sup>. System components tested on 27<sup>th</sup> and influent air sample collected.

**ON-GOING FIELD ACTIVITIES:**

Well Gauging:	Twice per month for area of treatment cell (during operation). Quarterly for other monitoring wells.
Manual Bailing for Product Recovery:	No product present during quarterly monitoring.
Groundwater Sampling:	Quarterly.
Remedial System Operation & Maintenance:	DPE System operated for part of quarter then shut down to allow modifications. See REMEDIATION SYSTEM below.
Remedial System Sampling Date(s):	July 25, 2017, and August 8, 2017 (not operated in September)
Additional Activities:	See below for all activities.

**QUARTERLY GROUNDWATER SAMPLING DATA SUMMARY:**

Groundwater Sampling Date(s):	September 6 <sup>th</sup> and 7 <sup>th</sup> , 2017
Separate Phase Liquid (SPL) Measurement:	Oil/Water Interface Probe.
SPL Thickness:	No SPL measured in any monitoring well.
SPL Recovery Amounts:	
Quarterly/Cumulative Total to Date:	0.0/0.0
Groundwater Sampling Methods:	Low-flow purge method
Monitoring Wells Sampled:	MW-1R through MW-22 (except MW-6 that was previously destroyed).
Recovery Wells Sampled:	None
Laboratory Analysis:	PADEP 2008 Unleaded Gasoline Short List Compounds.
Groundwater Sample Results:	See comments below, Appendix B: Table 2, and trend graphs.
Depth to Groundwater:	0.51 feet (MW-9) to 14.45 (MW-19) feet below top of casing. (see Table 1).
Groundwater Flow Direction:	Radial away from groundwater mounding in the area of MW-5R





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and MW-3; contaminant transport primarily to the west and southeast (see Figures in Appendix A).

Hydraulic Gradient:

0.038

**Commentary:**

**Laboratory data** for September 2017 indicate a general decrease in constituent concentrations of benzene, TMBs, naphthalene, toluene and ethylbenzene in impacted monitoring wells when compared to the previous quarter. As presented on Appendix B: Table 2, compounds of concern (COCs) were identified at concentrations that exceed the RMSC SHSs at the following monitoring wells:

Monitoring Well MW-1R:	1,2,4-TMB (449 µg/L), Benzene (1970 µg/L), Toluene (1800 µg/L), MTBE (84 µg/L), Ethylbenzene (672µg/L) Naphthalene (130 µg/L)
Monitoring Well MW-2:	1,2,4-TMB (70 µg/L), Benzene (17 µg/L)
Monitoring Well MW-3:	Benzene (50 µg/L), MTBE (549 µg/L)
Monitoring Well MW-5R:	1,2,4-TMB (1,600 µg/L), Benzene (502 µg/L), Toluene (4,840 µg/L) Ethylbenzene (2,360 µg/L), Xylenes (10,400 µg/L), MTBE (<50 µg/L), Naphthalene (461 µg/L)
Monitoring Well MW-7:	1,2,4-TMB (76 µg/L), Benzene (3,470 µg/L), MTBE (<50 µg/L)
Monitoring Well MW-9:	Benzene (66 µg/L)
Monitoring Well MW-10:	Benzene (12 µg/L)

Contaminant concentrations in peripheral monitoring wells have shown a decreasing trend in contaminant concentrations over the past few quarters. Contaminant concentrations in source area monitoring wells were consistent in September 2017 compared to historical data. Reductions in dissolved phase hydrocarbons within the treatment cell due to the operation of the remedial system should be begin within the first year of operation. As the volume of water treated by the remedial system is small compared to treatment of vapor, additional time and/or additional drawdown of the water table may still be required at this point in time.

Contaminant trends in monitoring wells MW-9 and MW-10 show an overall upward trend compared to initial results however a downward trend is observed for the most recent quarters.

**Water level data** indicates a groundwater mound in the area of monitoring wells MW-4 and MW-5R for the 3Q 2017 groundwater sampling event. The groundwater mound is consistent with previous monitoring events. System modifications are currently being completed to address the impact of the groundwater mound on the efficiency of the treatment system.

Analyte concentration trend graphs are included in Appendix B.

**Variances:**

None noted.

**REMEDATION SYSTEM:** As documented in the previous quarterly report, Converse completed the installation and testing of the remedial system in December 2016. The dual phase extraction (DPE) remedial system was started on December 29, 2016.

Samples of the influent and effluent groundwater (as well as between the carbon tanks) processed by the DPE were collected on a monthly basis to ensure the functionality of the system. The data is summarized on the







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attached Table 3. No samples were collected in September as the system was offline waiting for the replacement heat exchanger and vapor phase GAC from August 18 to the end of September.

During the third quarter of 2017 the system treated approximately 33,000 gallons of impacted groundwater during 30 days of operation (approximately 700 hours). System downtime included a week at the beginning of July while we waited for the replacement blower, several brief shut downs for maintenance, belt replacement, and groundwater sample collection, and the current hiatus while the system is reconfigured. System operation is summarized below.

Operating Period:	July 1, 2017 through September 30, 2017
System Operating Time:	762 hours or 32 days (total run time)
Total Water Treated:	~34,000 gallons
Average Water Flow Rate:	0.76 gpm
Total Vapor Treated:	15,552,000 scf
Average Vapor Flow Rate:	360 scfm
Estimated Total Liquid Phase Contaminants Removed:	.073 lbs of COCs
Estimated Total Vapor Phase Contaminants Removed:	110 lbs of weathered gasoline
SPL Recovered:	0 gallons
Liquid Phase Carbon Disposed:	0 lbs (No carbon changeout)
Vapor Phase Carbon Disposed:	0 lbs (No carbon changeout)

Calculation of liquid phase contaminants treated is based on the average total influent concentration of COCs of 258 ug/l and the total gallons treated of approximately 34,000 gallons.

Calculation of Vapor phase contaminants is based on an average PID reading of 24.6 units of weathered gasoline in the treatment influent, a ppmV for weathered gasoline of 4.62 mg/m<sup>3</sup>, and the shown volume of vapor treated for the quarter.

Quarterly sample collection and laboratory analysis of the influent air was conducted on September 27, 2017. This data will be used to facilitate decisions with respect to desired increases in the effectiveness and efficiency of the remedial system.

The total DPE system airflow rate is measured by a direct read ERDCO flow meter when the flow is less than 350 cfm. When the system operates above 350 cfm the flow rate can be estimated from the operation curves for the Roots blower. Generally, the blower and CATOX operated within a narrow range of 350 to 400 cfm. The average flow rate was 360 cfm.

**SYSTEM DRAWDOWN:** During remedial system operation Converse has monitored water levels in the treatment cell to assess the drawdown created by the DPE. As discussed in previous quarterly reports, quarterly groundwater contour maps have shown a groundwater depression in the northwest corner of the treatment cell due to operation of the remedial system. However, the drawdown has not been sufficient to cause significant drawdown throughout the treatment cell. The current system is shut down while it is reconfigured to provide the maximum drawdown that is available for the current equipment. After the system is re-started it will be monitored for several months to assess whether additional measures will be needed to provide the required drawdown.

As discussed in the previous quarterly report water levels collected in April (11<sup>th</sup> and 17<sup>th</sup>) show that when the system is running the recorded drawdown in the monitored wells is between 0.5' and 2.5' lower than static depth to water. A chart of water levels in the piezometers and monitoring wells is included in Appendix B. The graphs indicate that certain areas of the treatment cell including PZ-2, MW-1R (not shown), and MW-5R the system can generally maintain the low water levels observed during the drought of September 2016. These areas that maintain sufficient drawdown are in the interior and northwest corner of the treatment cell.





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Vacuum leaks in the southeast corner of the treatment cell at extraction points MW-4 and DPE-3 and parking lot runoff issues are currently being addressed (during October 2017) to maximize drawdown. After those measures are completed, Converse will re-evaluate the potential mechanism for increasing drawdown along the western, southern and eastern borders of the treatment cell.

Converse assumes that the water levels in the extraction wells during dual phase extraction are at 12.5 feet below grade which is the depth of the DPE system drop-pipes. Water levels taken shortly after a wellhead is turned off generally verify this assumption, although the water level in the wells begins to rise immediately after the wellhead is shut off and a small rise above the bottom of the drop pipe is always observed at the time of water level collection.

**SYSTEM VACUUM:** During remedial system operation Converse monitors system vacuum in the shed and at the well heads. Since March of 2017, Converse has collected additional vacuum data from the monitoring points in the treatment cell in an attempt to measure the extent of vacuum influence. See the attached Remediation Tables in Appendix B for the measured values.

Vacuum readings were collected during the 3rd quarter from P-1, P-2, P-3, MW-2, MW-5R, and MW-7. The only monitoring point that consistently shows vacuum influence is P-2 that is located within the interior of the treatment cell. Vacuum influence has periodically been recorded for P-1, P-3, MW-5R and MW-7. Monitoring wells MW-2 and MW-3 are outside of the treatment cell to the north and east, respectively, and have not shown definitive evidence of vacuum influence. It is expected that MW-3 will be within the zone of vacuum influence after the vacuum short circuiting is addressed at vapor points MW-4 and DPE-3.

The remediation system typically operates at a vacuum of 9 to 14.5 inches of mercury (inHg). Vacuum measured at the DPE well heads should typically exceed 80 inches of water column (IWC). Vacuum levels at the well heads have been sufficient to simultaneously extract water and soil vapor from each of the DPE well heads, however during the winter months several wellheads displayed sub-optimal vacuum readings. Since late April the vacuum measurements at the well heads have shown significant improvement and were all greater than 90 IWC by early June. Analyzing the historical vacuum data at the wellheads it appears that the vacuum readings have been influenced by sub-freezing temperatures and by periodic collection of readings too soon after the system is restarted.

DPE well heads DPE-3 and MW-4 were not utilized during the winter months due to vapor pathway short circuiting. Rehabilitation of the well heads for DPE-3 and MW-4 was completed in October 2017 and will be discussed in the 4Q RAPR.

**VAPOR TREATMENT:** Influent PID levels dropped significantly during the course of 2017 from initial readings in the thousands to readings less than 50. Based on the PID readings collected during July 2017 it was apparent that the use of CATOX was not the most efficient means of vapor treatment. The system was shut down on August 18<sup>th</sup>, 2017 and the CATOX was removed from the site. In addition to converting the air discharge treatment to GAC treatment vessels organized in two parallel streams, modifications are being made to the treatment system to maximize the drawdown and vacuum for the current equipment configuration. The rental Falco 300 CATOX treatment unit was returned to Falmouth Products.

As discussed previously, a correlation between the vapor concentrations and the temperature in the combustion chamber may be expected. Although we have observed a general decrease in combustion chamber temperature (T3) as the influent concentrations have decreased, a direct correlation is not possible due to vapor control valve and bypass valve operation that are constantly adjusted by the CATOX to optimize operation. A better measure of CATOX operation would be a daily comparison of vapor concentrations versus electricity use. Higher concentrations promote more self-sustaining combustion and reduce power demand. The monthly electric bills don't provide sufficient data resolution to provide a meaningful comparison however.

**NOISE REDUCTION ACTIVITIES:** On June 7, 2017 Converse installed sound reduction materials inside the DPE manholes. The materials were required to meet noise standards within the nearby market building. The measures have reduced noise levels in nearby offices located in the market building.

**PLANNED ACTIVITIES:**

Well Gauging:

October 2017







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Manual Bailing for Product Recovery:	Not planned
Groundwater Sampling:	December 2017. Converse will propose that monitoring wells MW-17, MW-18, MW-19, and MW-22 be removed from the quarterly sampling regime as there are clean sentinel wells that are located between these wells and the current plume. The request will be sent in a separate letter.
Remedial System Operation & Maintenance:	At least twice per month during operation
Remedial System Sampling Date(s):	Monthly
Additional:	Analysis of an influent air sample once per quarter. Additional remedial measures to increase drawdown will be evaluated.

**APPENDICES:**

**Appendix A**

Figure 1: Site Location Map  
Figure 2: Property Plan  
Figure 3A: DPE System Schematic  
Figure 4: Groundwater Elevation Contour Map September 2017  
Figure 5: Dissolved Benzene Isoconcentration Map September 2017  
Figure 6: Dissolved MTBE Isoconcentration Map September 2017  
Figure 7: Dissolved Naphthalene Isoconcentration Map September 2017  
Figure 8: Dissolved 1,2,4-TMB Isoconcentration Map September 2017  
Figure 9: Dissolved 1,3,5-TMB Isoconcentration Map September 2017

**Appendix B**

Table 1: Groundwater Elevations  
Table 2: Groundwater Analytical Summary  
Table 3: DPE System Aqueous Sample Results  
DPE System Summary Tables and Charts  
Trend Graphs

**Appendix C:**

Chain of Custody Documents and Laboratory Reports

**NOTES:**

The Third Quarter 2017 hydraulic gradient was calculated using the groundwater elevation at monitoring well MW-4 (1297.60 feet) minus the groundwater elevation at monitoring well MW-19 (1287.23 feet) divided by the horizontal distance (~272 feet) from monitoring well MW-4 to monitoring well MW-19.

**REFERENCES:**

Act 2, 1995. Pennsylvania Act 2 of 1995: Land Recycling and Environmental Remediation Standards Act (35 P.S. '6026)

Act 32, 1989. Pennsylvania Act 32 of 1989: Storage Tank and Spill Prevention Act (35 P.S. '6021)

§245, 25 Pennsylvania Code Chapter 245 (§245). Subchapter D: Corrective Action Process for Owners and Operators of Storage Tanks and Storage Tank Facilities and Other Responsible Parties

§250, 25 PA Code Chapter 250 (§250): Administration of the Land Recycling Program

Converse, 2013. Work Plan, Additional Supplemental Site Characterization, PAUSTIF Claim #2011-0082(S), Former Rosemergy's Convenience Store, 1623 Route 590, Hawley, Pike County, Pennsylvania, September 23, 2014, Converse Consultants, State College, PA.





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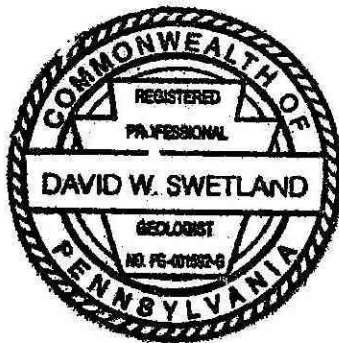
Converse, 2014. Site Characterization Report, Former Rosemergy's Store/Garage, PAUSTIF Claim #2011-0082(S), 1623 Route 590, Hawley, Lackawaxen Twp., Pike County, Pennsylvania, August 7, 2014, Converse Consultants, State College, PA.

PADEP, 1998. Technical Document, Closure Requirements for Underground Storage Tank Systems, PADEP 253-4500-601, December 1998.

PADEP, 2002. Land Recycling Program Technical Guidance Manual, PADEP 253-0300-100, May 4, 2002: with amended 2008.

PAGWIS, 2010. Pennsylvania Groundwater Information System, Pennsylvania Department of Conservation and Natural Resources (<http://www.dcnr.state.pa.us/topogeo/groundwater/PaGWIS/PaGWISMenu.asp?c=t>)

PG SEAL





# APPENDIX A



SOURCE: USGS Narrowsburg, NY - PA  
7.5' topographic quadrangle map. 1968.  
Photorevised 1983

SCALE:  
1 inch = APPROX. 2,000 feet

0 1,000 2,000 4,000 feet



#### SITE LOCATION

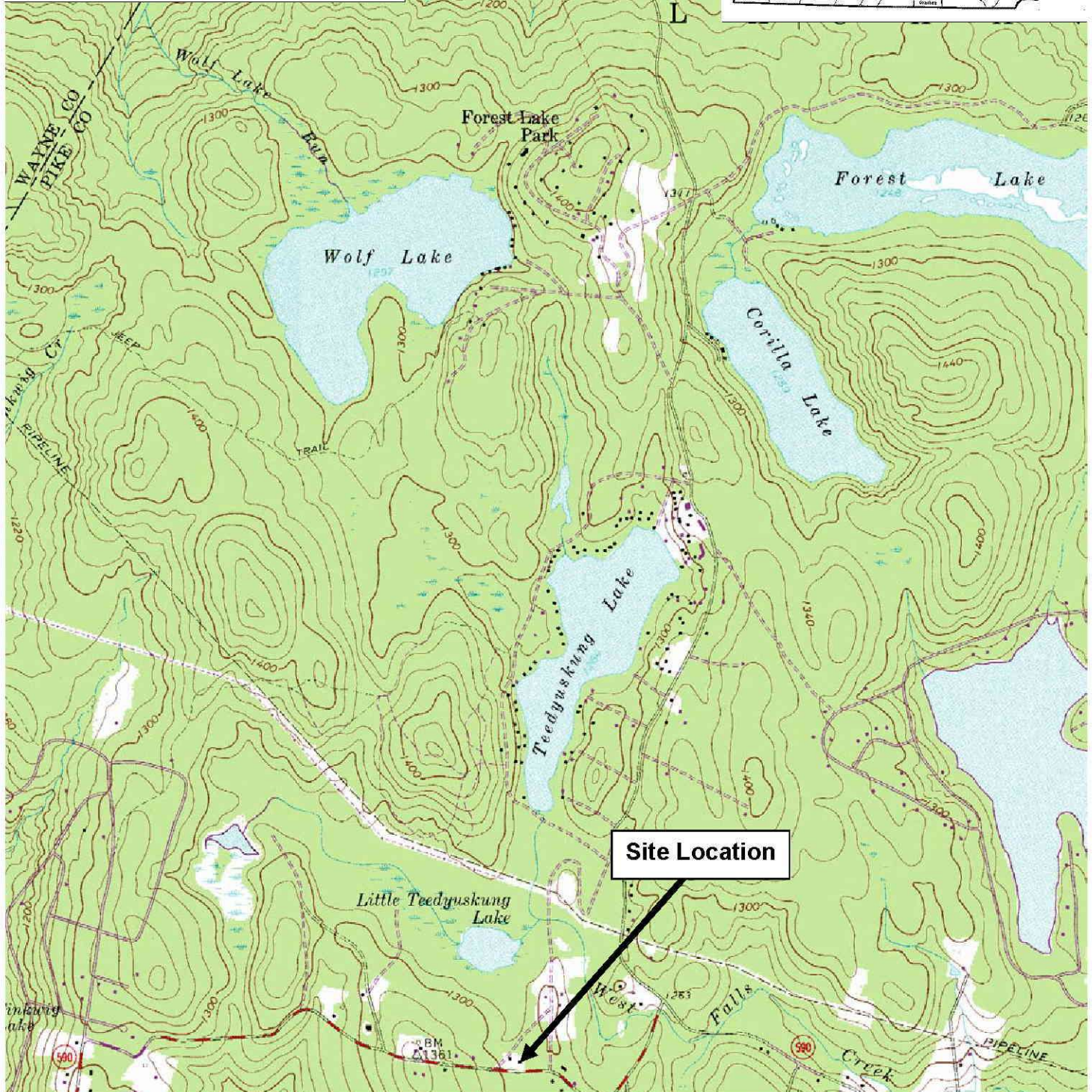
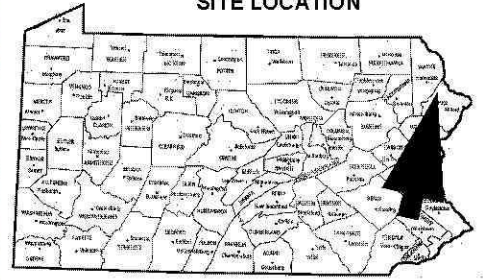


FIGURE 1: LOCATION MAP

ROSEMERGY SITE  
HAMLIN HIGHWAY (PA 590)  
HAWLEY, PIKE COUNTY, PENNSYLVANIA

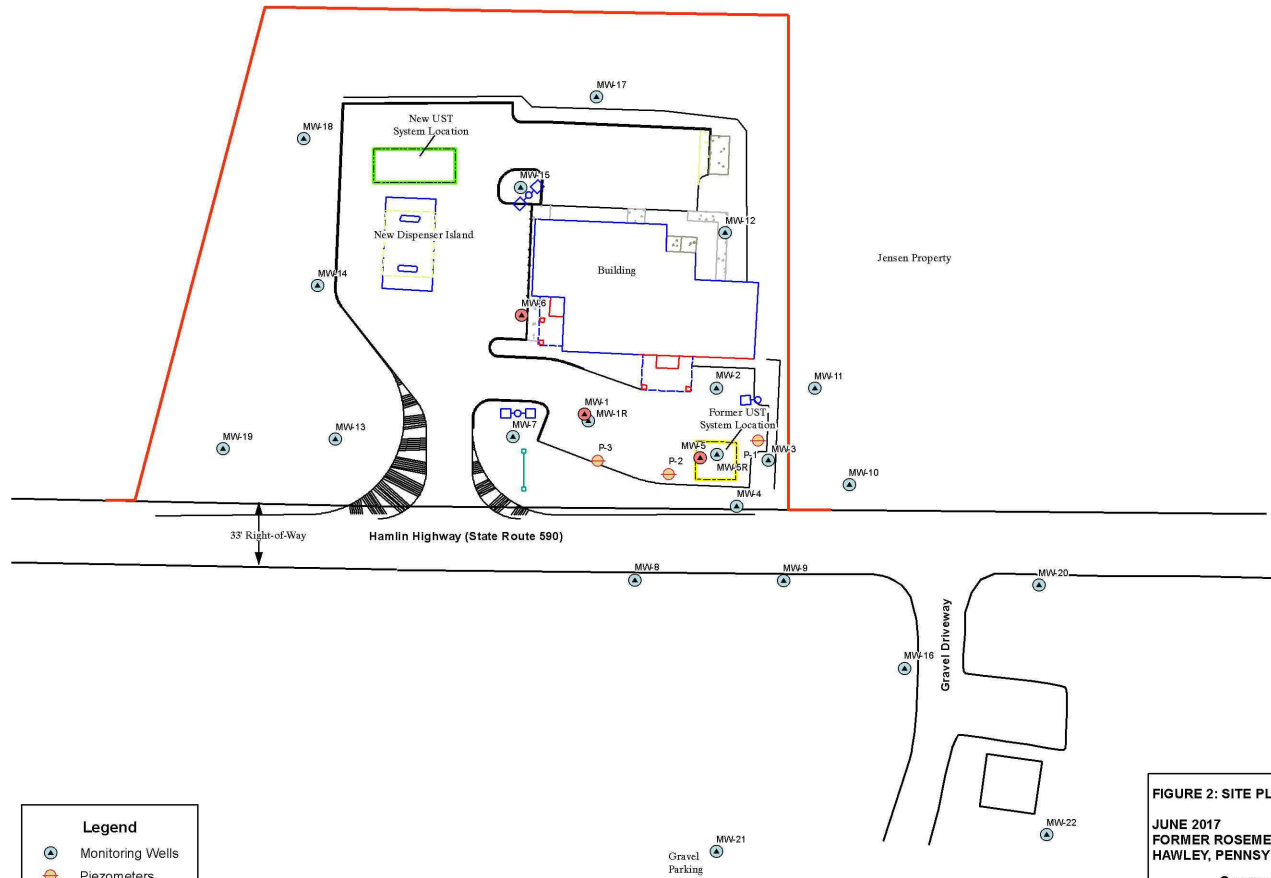
Converse Project Number 11-17829-01

Revised 01/09/13



CONVERSE CONSULTANTS  
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- Legend**
- Monitoring Wells
  - Piezometers
  - Abandoned Wells
  - Property Boundary

1 inch = 50 feet

0 50 100 Feet

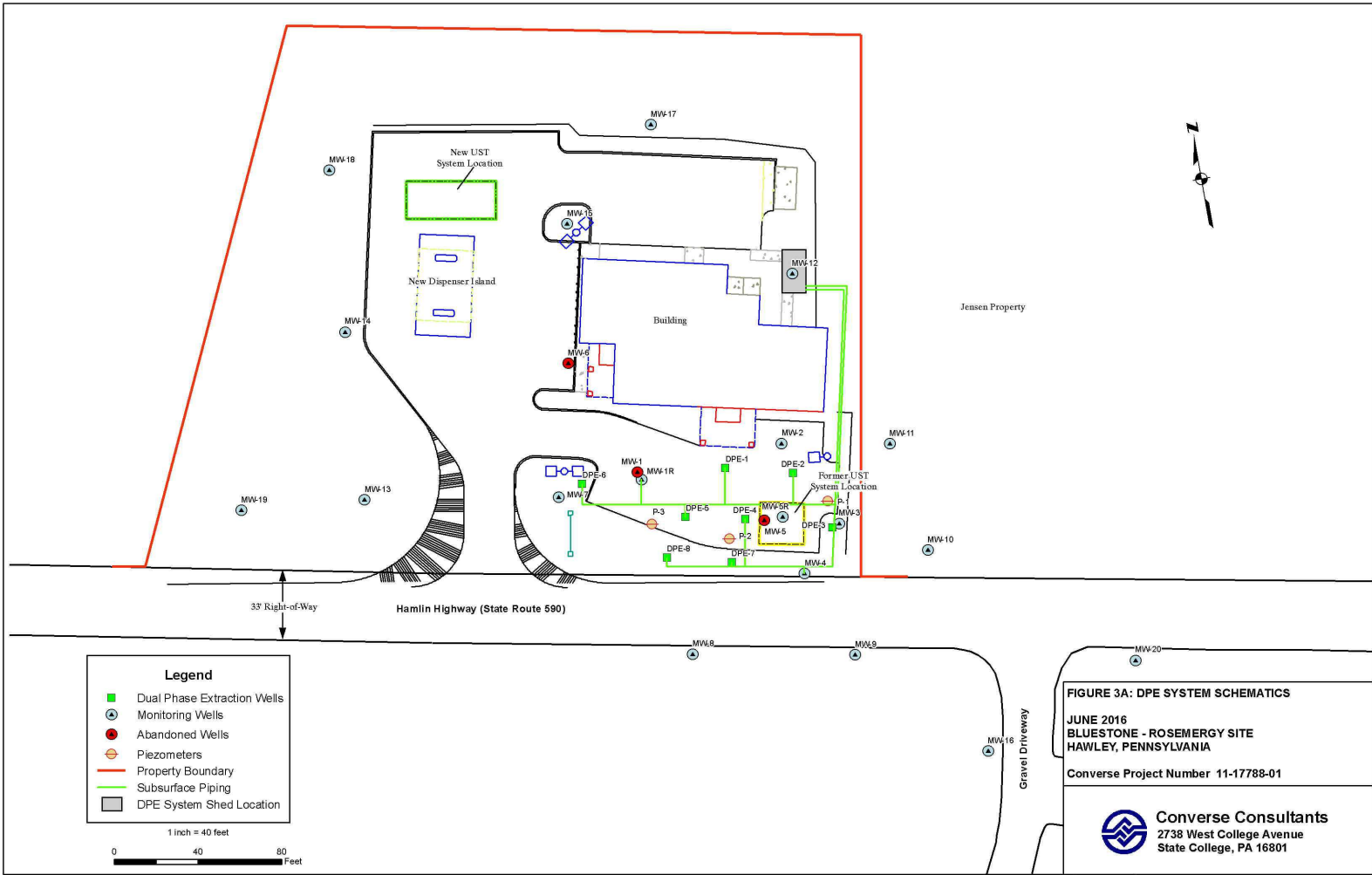
FIGURE 2: SITE PLAN

JUNE 2017  
FORMER ROSEMERGY SITE  
HAWLEY, PENNSYLVANIA

Converse Project Number 11-17788-01



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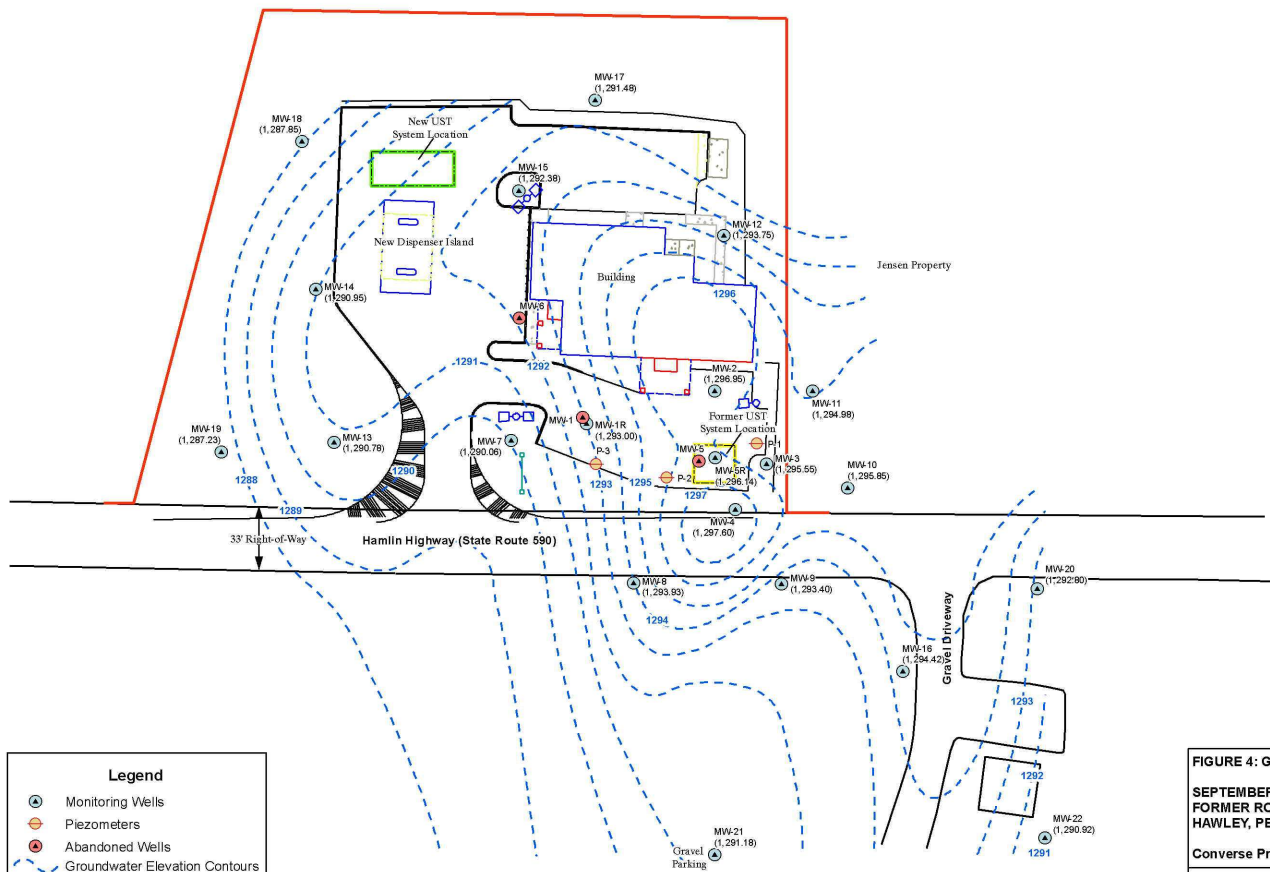


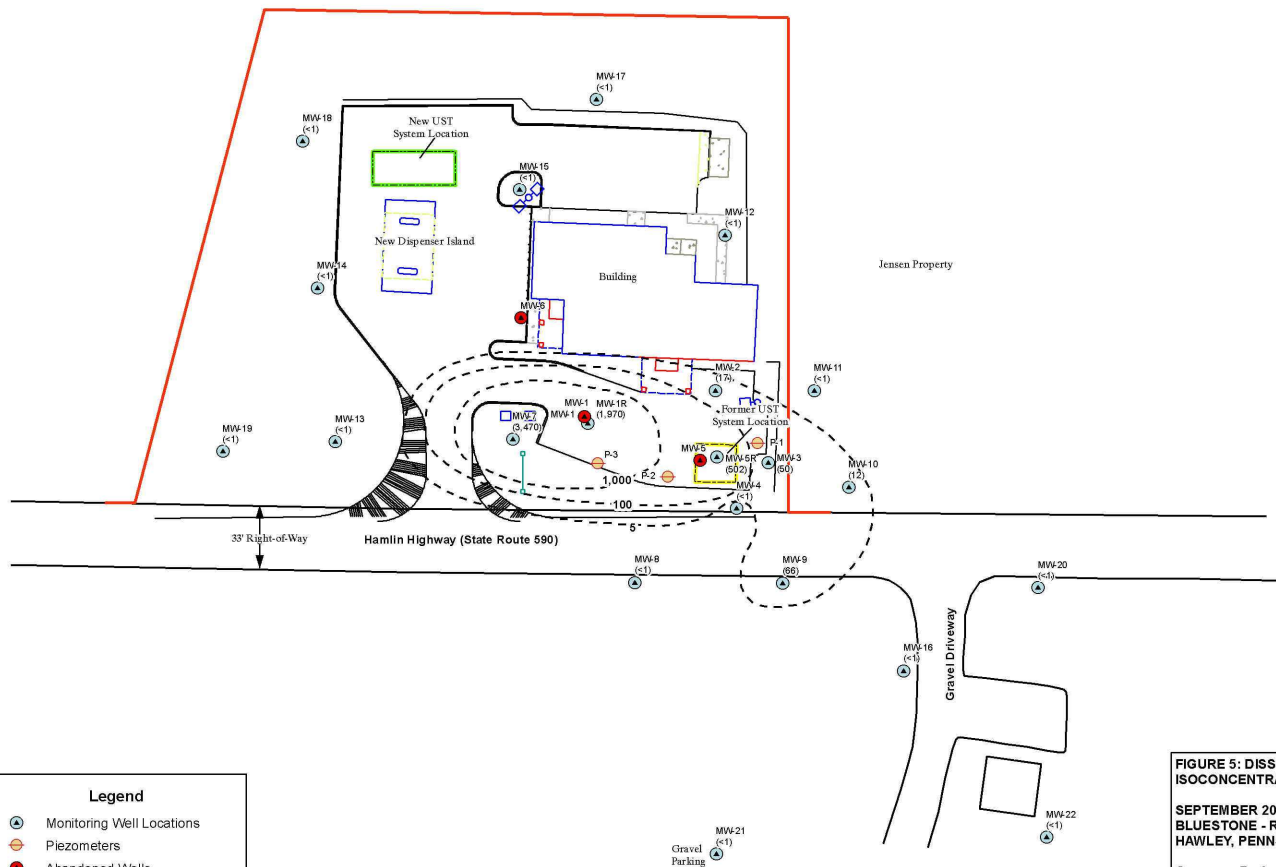
FIGURE 4: GROUNDWATER CONTOUR MAP

SEPTEMBER 2017  
FORMER ROSEMERGY SITE  
HAWLEY, PENNSYLVANIA

Converse Project Number 11-17788-01



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**Legend**

- Monitoring Well Locations
- Piezometers
- Abandoned Wells
- Benzene Isoconcentration in ug/l
- Property Boundary

1 inch = 50 feet

0 25 50 100 Feet

**FIGURE 5: DISSOLVED BENZENE ISOCONCENTRATION MAP**

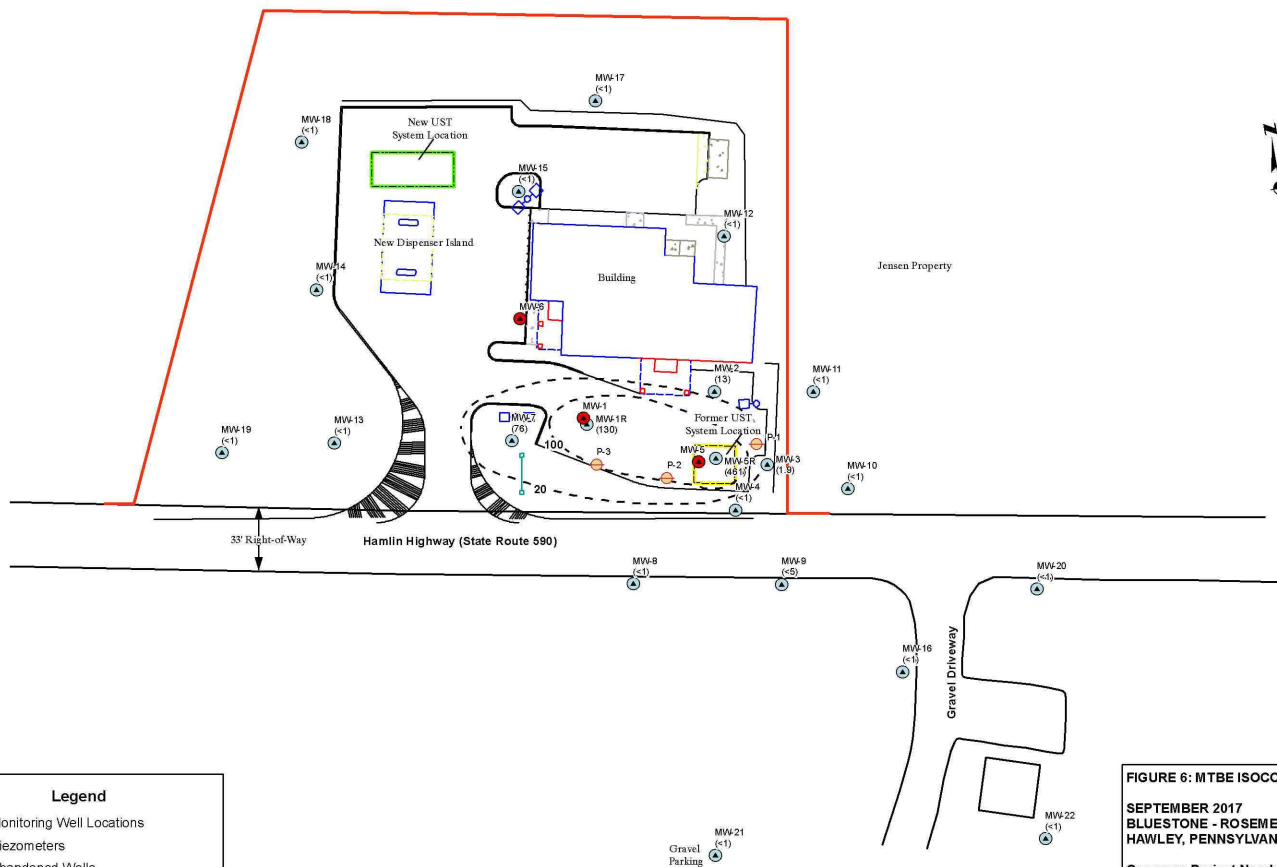
SEPTEMBER 2017  
**BLUESTONE - ROSEMERGY SITE**  
**HAWLEY, PENNSYLVANIA**

Converse Project Number 11-17788-03



**Converse Consultants**  
 2738 West College Avenue  
 State College, PA 16801





**Legend**

- Monitoring Well Locations
- Piezometers
- Abandoned Wells
- MTBE Concentration Contours in ug/L
- Property Boundary

1 inch = 50 feet

0 25 50 100 Feet

**FIGURE 6: MTBE ISOCONCENTRATION MAP**

SEPTEMBER 2017  
 BLUESTONE - ROSEMERGY SITE  
 HAWLEY, PENNSYLVANIA

Converse Project Number 11-17788-01

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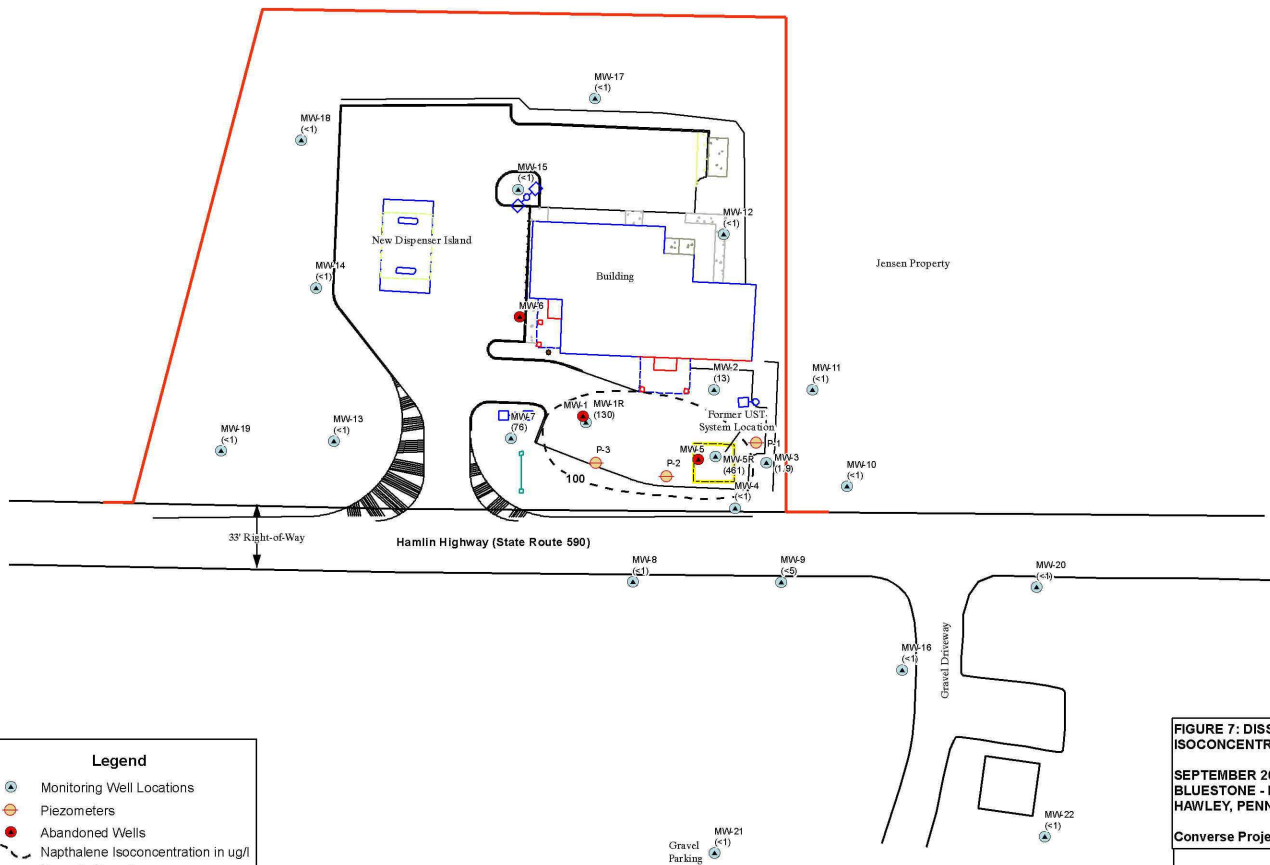


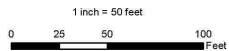
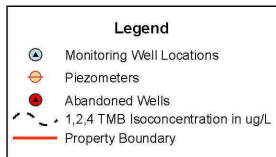
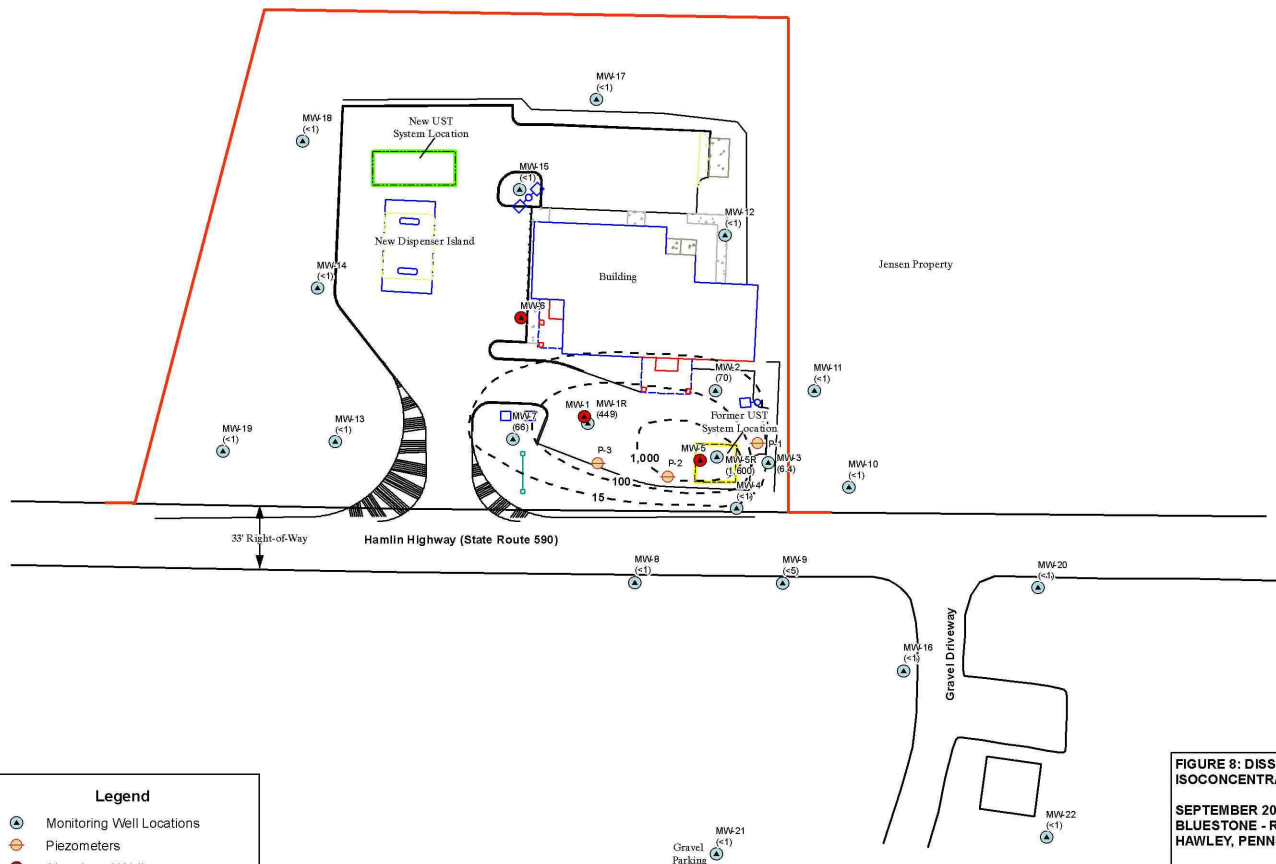
FIGURE 7: DISSOLVED NAPHTHALENE ISOCONCENTRATION MAP

SEPTEMBER 2017  
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**FIGURE 8: DISSOLVED 1,2,4 TMB ISOCONCENTRATION MAP**

SEPTEMBER 2017  
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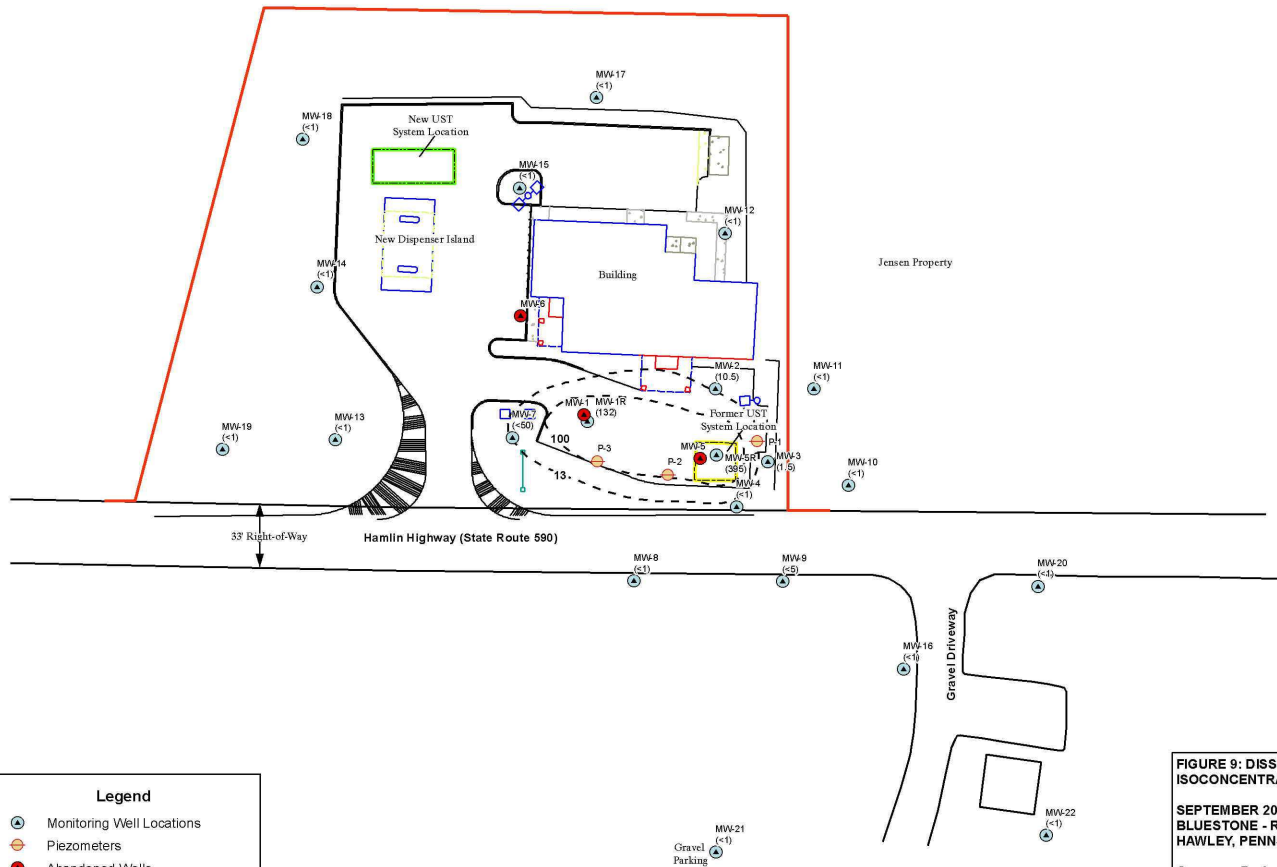


FIGURE 9: DISSOLVED 1,3,5 TMB  
ISOCONCENTRATION MAP

SEPTEMBER 2017  
BLUESTONE - ROSEMERGY SITE  
HAWLEY, PENNSYLVANIA

Converse Project Number 11-17788-01



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## APPENDIX B

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-1 (2)	14.70	3-14.7	-0.48	1300.57	5/8/12	5.30	1295.27
					6/17/12	6.52	1294.05
					5/14/13	IA	IA
					12/11/13	AB	AB
MW-1R	14.61	4-14.61	-0.28	1298.25	11/8/13	10.89	1287.36
					12/11/13	9.90	1288.35
					2/4/14	7.82	1290.43
					3/7/14	7.73	1290.52
					4/29/14	NS	NC
					6/12/14	6.35	1291.90
					9/17/14	7.49	1290.76
					12/3/14	7.44	1290.81
					3/25/15	5.00	1293.25
					6/25/15	5.16	1293.09
					8/26/15	7.52	1290.73
					11/12/15	NS	NS
					12/9/15	6.21	1292.04
					1/14/16	5.39	1292.86
					3/30/16	5.41	1292.84
					6/23/16*	3.39	1294.86
					9/21/16	9.10	1289.15
					12/8/16	7.84	1290.41
					2/24/17	6.86	1291.39
					6/1/17	10.01	1288.24
					9/6/17	5.25	1293.00



**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-2 (2)	14.40	3-14.4	-0.67	1299.67	5/8/12	3.18	1296.49
					6/17/12	5.61	1294.06
					5/14/13	3.51	1296.16
					11/8/13	8.62	1291.05
					12/11/13	5.70	1293.97
					2/4/14	NS	NC
					3/7/14	4.87	1294.80
					4/29/14	NS	NC
					6/12/14	NS	NC
					9/17/14	5.27	1294.40
					12/3/14	3.31	1296.36
					3/25/15	2.80	1296.87
					6/25/15	3.17	1296.50
					8/26/15	4.50	1295.17
					11/12/15	NS	NS
					12/9/15	3.85	1295.82
					1/14/16	3.17	1296.50
					3/30/16	3.65	1296.02
					6/23/16*	5.04	1294.63
					9/21/16	6.75	1292.92
					12/8/16	4.45	1295.22
					2/24/17	3.83	1295.84
					6/1/17	4.50	1295.17
					9/6/17	2.72	1296.95

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-3 (2)	14.21	3-14.21	-0.37	1298.61	5/8/12	2.13	1296.48
					6/17/12	3.45	1295.16
					5/14/13	2.71	1295.90
					11/8/13	6.73	1291.88
					12/11/13	3.82	1294.79
					2/4/14	NS	NC
					3/7/14	NS	NC
					4/29/14	NS	NC
					6/12/14	3.49	1295.12
					9/17/14	4.14	1294.47
					12/3/14	2.18	1296.43
					3/25/15	2.14	1296.47
					6/25/15	2.15	1296.46
					8/26/15	3.69	1294.92
					11/12/15	2.13	1296.48
					12/9/15	2.67	1295.94
					1/14/16	3.02	1295.59
					3/30/16	2.97	1295.64
					6/23/16*	3.28	1295.33
					9/21/16	3.97	1294.64
					12/8/16	1.45	1297.16
					2/24/17	2.40	1296.21
					6/1/17	2.98	1295.63
					9/6/17	3.06	1295.55

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-4 (2)	14.56	3-14.56	-0.56	1299.05	5/8/12	2.45	1296.60
					6/17/12	3.96	1295.09
					5/14/13	3.19	1295.86
					11/8/13	7.36	1291.69
					12/11/13	4.41	1294.64
					2/4/14	NS	NC
					3/7/14	NS	NC
					4/29/14	NS	NC
					6/12/14	3.64	1295.41
					9/17/14	4.20	1294.85
					12/3/14	1.52	1297.53
					3/25/15	1.70	1297.35
					6/26/15	2.34	1296.71
					8/26/15	3.71	1295.34
					11/12/15	1.53	1297.52
					12/9/15	3.40	1295.65
					1/14/16	3.72	1295.33
					3/30/16	2.97	1296.08
					6/23/16*	4.55	1294.5
					9/21/16	4.85	1294.2
					12/8/16	1.8	1297.25
					2/24/17	1.44	1297.61
					6/1/17	3.2	1295.85
					9/6/17	1.45	1297.6



**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-5 (2)	14.68	3-14.68	-0.26	1299.36	5/8/12	2.65	1296.71
					6/17/12	3.90	1295.46
					5/14/13	3.18	1296.18
					11/8/13	7.82	1291.54
					12/11/13	4.42	1294.94
					2/4/14	NS	NC
					3/7/14	3.83	1295.53
					4/29/14	NS	NC
					3/25/15	2.78	1296.58
					6/25/15	3.30	1296.06
					8/26/15	4.50	1294.86
					11/12/15	NS	NS
					12/9/15	3.92	1295.44
					1/14/16	4.11	1295.25
					3/30/16	3.66	1295.70
					6/23/16*	4.24	1295.12
					9/21/16	6.32	1293.04
					12/8/16	4.06	1295.30
MW-5R					2/24/17	3.77	1295.59
					6/1/17	3.01	1296.35
					9/6/17	3.22	1296.14
MW-6 (2)	15.30	3-15.3	-0.51	1301.21	5/8/12	5.74	1295.47
					6/17/12	7.98	1293.23
					5/14/13	6.08	1295.13
					11/8/13	AB	AB

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-7	14.99	5-14.99	-0.57	1298.58	11/8/13	12.48	1286.10
					12/11/13	12.59	1285.99
					2/4/14	NS	NC
					3/7/14	NS	NC
					4/29/14	NS	NC
					6/12/14	7.73	1290.85
					9/17/14	9.19	1289.39
					12/3/14	9.16	1289.42
					3/25/15	6.60	1291.98
					6/25/15	7.07	1291.51
					8/26/15	9.27	1289.31
					11/12/15	NS	NS
					12/9/15	7.82	1290.76
					1/14/16	5.99	1292.59
					3/30/16	7.25	1291.33
					6/23/16*	8.14	1290.44
					9/21/16	11.07	1287.51
					12/8/16	10.90	1287.68
					2/24/17	7.91	1290.67
					6/1/17	8.00	1290.58
					9/6/17	8.52	1290.06

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-8	14.62	4-14.62	-0.39	1295.27	11/8/13	6.24	1289.03
					12/11/13	3.14	1292.13
					2/4/14	3.52	1291.75
					3/7/14	3.05	1292.22
					4/29/14	NS	NC
					6/12/14	2.80	1292.47
					9/17/14	3.06	1292.21
					12/3/14	1.68	1293.59
					3/25/15	2.67	1292.60
					6/25/15	2.43	1292.84
					8/26/15	3.22	1292.05
					11/12/15	NS	NS
					12/9/15	2.46	1292.81
					1/14/16	2.02	1293.25
					3/30/16	2.24	1293.03
					6/23/16*	3.79	1291.48
					9/21/16	4.45	1290.82
					12/8/16	2.35	1292.92
					2/24/17	0.65	1294.62
					6/1/17	1.84	1293.43
					9/6/17	1.34	1293.93



**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-9	14.65	4-14.62	-0.37	1293.91	11/8/13	3.96	1289.95
					12/11/13	1.14	1292.77
					2/4/14	1.82	1292.09
					3/7/14	1.12	1292.79
					4/29/14	NS	NC
					6/12/14	1.43	1292.48
					9/17/14	1.89	1292.02
					12/3/14	0.81	1293.10
					3/25/15	0.40	1293.51
					6/25/15	0.62	1293.29
					8/26/15	1.23	1292.68
					11/12/15	0.08	1293.83
					12/9/15	0.50	1293.41
					1/14/16	0.20	1293.71
					1/21/16	0.90	1293.01
					3/30/16	0.85	1293.06
					6/23/16*	2.54	1291.37
					9/21/16	2.96	1290.95
					12/8/16	1.78	1292.13
					2/24/17	0.00	1293.91
					6/1/17	0.71	1293.20
					9/6/17	0.51	1293.40

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-10	14.25	5-14.25	-0.41	1297.61	11/8/13	NI	NC
					12/11/13	NI	NC
					2/4/14	3.13	1294.48
					3/7/14	2.72	1294.89
					4/29/14	NS	NC
					6/12/14	3.04	1294.57
					9/17/14	3.84	1293.77
					12/3/14	2.14	1295.47
					3/25/15	2.09	1295.52
					6/26/15	2.60	1295.01
					8/27/15	3.46	1294.15
					11/12/15	NS	NS
					12/9/15	2.83	1294.78
					1/14/16	2.33	1295.28
					3/30/16	2.52	1295.09
					6/23/16*	3.81	1293.80
					9/21/16	4.00	1293.61
					12/8/16	2.80	1294.81
					2/24/17	2.42	1295.19
					6/1/17	2.34	1295.27
					9/6/17	1.76	1295.85

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-11	14.73	5-14.73	-0.25	1298.35	11/8/13	NI	NC
					12/11/13	NI	NC
					2/4/14	3.68	1294.67
					3/7/14	3.22	1295.13
					4/29/14	NS	NC
					6/12/14	3.47	1294.88
					9/17/14	4.01	1294.34
					12/3/14	3.16	1295.19
					3/25/15	4.00	1294.35
					6/26/15	2.83	1295.52
					8/27/15	4.44	1293.91
					11/12/15	NS	NS
					12/9/15	2.52	1295.83
					1/14/16	2.11	1296.24
					3/30/16	2.94	1295.41
					6/23/16*	4.50	1293.85
					9/21/16	6.14	1292.21
					12/8/16	3.89	1294.46
					2/24/17	2.60	1295.75
					6/1/17	2.60	1295.75
					9/6/17	3.37	1294.98

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-12	14.65	4-14.65	-0.81	1297.44	11/8/13	9.40	1288.04
					12/11/13	5.46	1291.98
					2/4/14	5.55	1291.89
					3/7/14	5.18	1292.26
					4/29/14	NS	NC
					6/12/14	4.93	1292.51
					9/17/14	5.44	1292.00
					12/3/14	3.72	1293.72
					3/25/15	3.80	1293.64
					6/25/15	3.70	1293.74
					8/26/15	5.20	1292.24
					11/12/15	NS	NS
					12/9/15	4.23	1293.21
					1/14/16	3.66	1293.78
					3/30/16	4.09	1293.35
					6/23/16*	5.35	1292.09
					9/21/16	6.14	1291.30
					12/8/16	4.66	1292.78
					2/24/17	3.95	1293.49
					6/1/17	4.00	1293.44
					9/6/17	3.69	1293.75

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-13	14.93	5.75-14.93	-0.2	1303.84	11/8/13	WNI	
					12/11/13		
					2/4/14		
					3/7/14		
					4/29/14	11.53	1292.31
					6/12/14	12.64	1291.20
					9/17/14	11.34	1292.50
					12/3/14	13.77	1290.07
					3/25/15	DRY	DRY
					6/25/15	11.74	1292.10
					8/26/15	15.65	1288.19
					11/12/15	NS	NS
					12/9/15	12.72	1291.12
					1/14/16	10.69	1293.15
					3/30/16	12.08	1291.76
					6/23/16*	13.29	1290.55
					9/21/16	DRY	DRY
					12/8/16	DRY	DRY
					2/24/17	10.23	1293.61
					6/1/17	11.46	1292.38
					9/6/17	13.06	1290.78



**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-14	18.65	5-18.65	-0.3	1304.54	11/8/13	WNI	
					12/11/13		
					2/4/14		
					3/7/14		
					4/29/14	11.37	1293.17
					6/12/14	12.73	1291.81
					9/17/14	14.52	1290.02
					12/3/14	13.94	1290.60
					3/25/15	11.69	1292.85
					6/25/15	12.08	1292.46
					8/26/15	14.80	1289.74
					11/12/15	NS	NS
					12/9/15	13.30	1291.24
					1/14/16	10.91	1293.63
					3/30/16	11.55	1292.99
					6/23/16*	13.33	1291.21
					9/21/16	16.61	1287.93
					12/8/16	10.38	1294.16
					2/24/17	10.30	1294.24
					6/1/17	11.72	1292.82
					9/6/17	13.59	1290.95

**TABLE 1  
GROUNDWATER ELEVATION DATA  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-15	14.86	5-14.86	-0.3	1301.14	11/8/13	WNI	
					12/11/13		
					2/4/14		
					3/7/14		
					4/29/14	6.45	1294.69
					6/12/14	8.41	1292.73
					9/17/14	9.73	1291.41
					12/3/14	9.34	1291.80
					3/25/15	7.37	1293.77
					6/25/15	7.68	1293.46
					8/26/15	9.88	1291.26
					11/12/15	NS	NS
					12/9/15	8.61	1292.53
					1/14/16	7.20	1293.94
					1/21/16	7.34	1293.80
					3/30/16	8.04	1293.10
					6/23/16*	7.10	1294.04
					9/21/16	11.57	1289.57
					12/8/16	10.91	1290.23
					2/24/17	7.30	1293.84
					6/1/17	7.90	1293.24
					9/6/17	8.76	1292.38

**TABLE 1  
GROUNDWATER ELEVATION DATA  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-16	14.69	5-14.69	-0.3	1295.24	11/8/13	WNI	
					12/11/13		
					2/4/14		
					3/7/14		
					4/29/14	0.71	1294.53
					6/12/14	1.47	1293.77
					9/17/14	2.52	1292.72
					12/3/14	0.10	1295.14
					3/25/15	NS	NS
					6/25/15	0.82	1294.42
					8/26/15	1.64	1293.60
					11/12/15	NS	NS
					12/9/15	0.75	1294.49
					1/14/16	0.40	1294.84
					1/21/16	0.80	1294.44
					3/30/16	0.50	1294.74
					6/23/16*	2.50	1292.74
					9/21/16	4.13	1291.11
					12/8/16	0.95	1294.29
					2/24/17	0.40	1294.84
					6/1/17	0.60	1294.64
					9/6/17	0.82	1294.42
MW-17	15.00	3-15	-0.24	1296.68	11/12/15	8.34	1288.34
					12/9/15	5.72	1290.96
					1/14/16	4.85	1291.83
					1/21/16	5.01	1291.67
					3/30/16	5.44	1291.24
					6/23/16*	6.38	1290.30
					9/21/16	8.58	1288.10
					12/8/16	7.15	1289.53
					2/24/17	4.91	1291.77
					6/1/17	4.91	1291.77
					9/6/17	5.20	1291.48

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-18	17.95	3-18	-0.31	1300.38	11/12/15	12.19	1288.19
					12/9/15	11.09	1289.29
					1/14/16	9.15	1291.23
					1/21/16	10.65	1289.73
					3/30/16	10.38	1290.00
					6/23/16*	11.60	1288.78
					9/21/16	14.45	1285.93
					12/8/16	13.98	1286.40
					2/24/17	9.89	1290.49
					6/1/17	9.79	1290.59
MW-19	16.56	2-17	-0.47	1301.68	9/6/17	12.53	1287.85
					11/12/15	13.32	1288.36
					12/9/15	12.22	1289.46
					1/14/16	NM	NM
					1/21/16	11.44	1290.24
					3/30/16	11.98	1289.70
					6/23/16*	14.02	1287.66
					9/21/16	DRY	DRY
					12/8/16	DRY	DRY
					2/24/17	10.95	1290.73
MW-20	14.47	3-15	-0.26	1294.17	6/1/17	12.98	1288.70
					9/6/17	14.45	1287.23
					11/12/15	1.01	1293.16
					12/9/15	1.42	1292.75
					1/14/16	1.31	1292.86
					1/21/16	1.01	1293.16
					3/30/16	1.59	1292.58
					6/23/16*	2.80	1291.37
					9/21/16	4.82	1289.35
					12/8/16	1.26	1292.91
MW-20	14.47	3-15	-0.26	1294.17	2/24/17	1.00	1293.17
					6/1/17	1.22	1292.95
					9/6/17	1.37	1292.80

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

WELL	TWD	SI	TOCG	TOC	DATE	DTW	GW ELEV
MW-21	15.00	3-15	-0.29	1293.09	11/12/15	1.04	1292.05
					12/9/15	1.59	1291.50
					1/14/16	2.12	1290.97
					1/21/16	1.66	1291.43
					3/30/16	1.24	1291.85
					6/23/16*	3.48	1289.61
					9/21/16	5.45	1287.64
					12/8/16	1.48	1291.61
					2/24/17	1.03	1292.06
					6/1/17	1.62	1291.47
					9/6/17	1.91	1291.18
MW-22	14.90	3-15	-0.44	1291.48	11/12/15	0.25	1291.23
					12/9/15	0.79	1290.69
					1/14/16	1.15	1290.33
					1/21/16	0.82	1290.66
					3/30/16	0.73	1290.75
					6/23/16*	2.96	1288.52
					9/21/16	6.22	1285.26
					12/8/16	1.00	1290.48
					2/24/17	0.35	1291.13
					6/1/17	0.73	1290.75
					9/6/17	0.56	1290.92

(2) = Diameter of Well Casing in Inches.

TWD = Total Well Depth in feet below grade.

SI = Screened Interval in feet below grade.

TOCG = Top of Well Casing relative to Grade.

+ = Approximate feet above grade.

- = Approximate feet below grade.

TOC = Top of Well Casing.

NI = Not Installed

DTW = Measured Depth to Groundwater from TOC.

GW ELEV = Calculated Groundwater Elevation.

NM = Well not measured.

NA = Not Applicable.

IA = Inaccessible.

NS = Not Sampled.

AB = Abandoned or Destroyed

\*= See chain of custody for specific well dates



TABLE 2  
GROUNDWATER ANALYTICAL DATA  
FORMER ROSEMARY'S CONVENIENT STORE  
1623 ROUTE 690  
HAWLEY, PA  
11-17788-03

Sample ID (Depth)	Statewide Health Standards	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1R	MW-1R	MW-1R	MW-1R
	Residential																			
Sampling Date	Groundwater	5/6/12	6/7/12	11/9/13	12/11/13	2/4/14	3/7/14	6/12/14	9/17/14	12/3/14	3/25/15	6/25/15	8/26/15	12/9/15	3/31/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17
Matrix	Groundwater	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOLATILE ORGANIC COMPOUNDS																				
1,3,5-Trimethylbenzene	420	1,030	736	310/646	643/625	NS	618/662	365	389	792/594	279/294	265	300	270/297	<50	54/59.5	<50	<10	140	190
1,2,4-Trimethylbenzene	15	2,310	2,580	978/1,020	2,100/2,050	NS	1,900/2,100	1,300	1,490	3,040/1,700	981/997	996	1,150	1,060/1,090	<50	198/218	<50	<10	467	684
Benzene	5	3,930	5,880	6,410/6,620	7,400/7,610	NS	7,740/8,210	7,170	6,330	6,290/8,530	4,500/4,600	4,230	6,250	3,480/4,130	85	1810/1780	<50	<10	4510	3680
Toluene	1,000	13,600	10,900	15,700/16,100	8,960/10,000	NS	12,900/14,500	10,200	5,860	7,980/13,900	5,620/5,830	4,480	6,030	6,830/6,910	94	1850/1860	<50	<10	2400	3040
Ethylbenzene	700	2,450	2,720	1,540/1,580	2,380/2,350	NS	2,710/2,760	1,770	2,480	4,530/2,740	1,650/1,650	1,390	1,700	1,180/1,310	<50	333/368	<50	<10	806	1120
Xylenes (total)	10,000	11,800	12,200	8,980/9,060	5,350/5,390	NS	14,000/14,400	8640	11,000	8,300/14,200	9,130/9,150	7,170	8,930	7380/6,110	<100	1810/1960	<100	<20	2960	4190
Isopropylbenzene	640	1,210	305	111/405	387/385	NS	336/354	213	233	482/394	158/158	132	175	118/138	<50	<50	<50	<10	89	103
Methyl tert-butyl ether	20	69	<50	195/269	162/166	NS	<100/<100	82	<100	1	<50/<50	<50	<50	<50/5.8	<50	<50	<50	<10	65	59
Naphthalene	100	881	276	265/693	424/450	NS	194/209	254	319	652/696	107/99	239	252	322/313	<50	75/83.5	<50	<10	156	196

Sample ID (Depth)	Statewide Health Standards	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
	Residential																			
Sampling Date	Groundwater	5/8/12	6/17/12	11/8/13	12/11/13	2/4/14	3/7/14	6/12/14	9/17/14	12/3/14	3/25/15	6/25/15	8/26/15	12/9/15	3/31/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17
Matrix	Groundwater	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOLATILE ORGANIC COMPOUNDS																				
1,3,5-Trimethylbenzene	420	635	687	406	406	NS	255	NS	112/195	201	<5	<5	49.5	15	146	36	251	234	37/34	51
1,2,4-Trimethylbenzene	15	1,820	1,940	1,200	1,110	NS	612	NS	279/585	721	16	29	244	116	458	251	809	963	170/164	176
Benzene	5	791	272	273	164	NS	115	NS	50/1,040	1,320	23	42	310	76	886	399	876	529	32/21	16
Toluene	1,000	1,520	1,460	958	514	NS	298	NS	3090/3,831	5,720	16	44	1,130	127	3,790	1,110	4520	3100	60/53	64
Ethylbenzene	700	765	752	828	634	NS	391	NS	424/831	1,330	18	38	337	107	690	362	1170	110/104	101	48
Xylenes (total)	10,000	4,060	3,470	1,360	875	NS	586	NS	1070/1,110	3,000	30	50	668	120	1910	715	3300	3070	196/181	183
Isopropylbenzene	640	1,020	246	3,227	255	NS	153	NS	97.1/190	187	<5	9.4	59	33	113	<5	210	188	37/32	41
Methyl tert-butyl ether	20	32.6	<20	<50	<10	NS	<10	NS	<10/27.7	32.7	<5	<5	<5	<5	<5	<5	<5	<10	<10/<5	<10
Naphthalene	100	698	145	240	265	NS	160	NS	159/344	235	15	31	46	37	146	55	266	232	27/24	22

NS - Not Sampled  
All concentrations in micrograms per liter (ug/L)  
WD - Well Destroyed

TABLE 2 (Continued)  
GROUNDWATER ANALYTICAL DATA  
FORMER ROSEBERG'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03

Sample ID (Depth)	Statewide Health Standards																				
	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	
	5/8/12	6/17/12	11/8/13	12/11/13	2/4/14	3/7/14	6/12/14	9/17/14	12/3/14	3/25/15	6/25/15	8/26/15	11/13/15	12/9/15	3/31/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17
	Groundwater	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Matrix	Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOLATILE ORGANIC COMPOUNDS																					
1,3,5-Trimethylbenzene	420	<10	<10	<5	<2	NS	NS	<10	22.4	<10	<5	<1	3.4	1.5	<1	3.7	<1	<1	3.3	<1	1.5
1,2,4-Trimethylbenzene	15	<10	<10	5.2	<2	NS	NS	38.5	87.1	10	<5	<1	13	6.1	1.8	13	<1	<1	32	2.4	6.4
Benzene	5	273	236	91	88	NS	NS	788	476	318	2.4	<1	207	82.4	<1	189	3.5	<1	50	8.6	50
Toluene	1,000	86	<10	<5	<2	NS	NS	62.8	109	<10	<5	<1	12	13	<1	54	3.3	<1	6.5	<1	8.3
Ethylbenzene	700	12	<10	<5	3.2	NS	NS	56.8	145	11	<5	<1	15	20	1.1	43	1.5	<1	43	8	14
Xylenes (total)	10,000	49	<20	<10	7.2	NS	NS	122	541	<20	<10	<2	39	28	<2	62	4.2	<2	38	<2	26
Isopropylbenzene	840	<10	11	13	6.9	NS	NS	44	50	18	<5	<1	35	11	<1	28	<1	<1	16	7	10
Methyl tert-butyl ether	20	768	684	375	348	NS	NS	1,180	1,190	2,560	30.9	<1	636	419	<1	397	<1	<1	38	186	549
Naphthalene	100	<10	<10	<5	2.5	NS	NS	<10	26	18	<5	<1	4.7	1.6	<1	4.3	<1	<1	3.9	<1	1.9

	Statewide Health Standards																					
Sample ID (Depth)	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	
Sampling Date	5/8/12	6/17/12	11/8/13	12/11/13	2/4/14	3/7/14	6/12/14	9/17/14	12/3/14	3/25/15	6/25/15	8/26/15	11/13/15	12/9/15	3/31/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17	
Matrix	Groundwater	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
VOLATILE ORGANIC COMPOUNDS																						
1,3,5-Trimethylbenzene	420	594	590	736	NS	NS	NS	358	128	5.15	1.2	1.9	131	8.2	55	58	24	47	<5	<5	8.8	<1
1,2,4-Trimethylbenzene	15	1,400	2,210	2,000	NS	NS	NS	1,250	445	14.1	2.0	4.9	473	20.1	175	214	62.7	119	<5	<5	35	<1
Benzene	5	4,120	2,460	3,040	NS	NS	NS	301	225	2,130	6.6	4.3	75	7.3	36	25	95	142	<5	<5	7.7	<1
Toluene	1,000	19,700	9,210	2,860	NS	NS	NS	2,060	864	66	10	11	304	15	148	150	181	248	<5	<5	17	<1
Ethylbenzene	700	1,420	2,000	2,290	NS	NS	NS	1,050	452	87	2.9	4.2	390	8.4	139	207	92	127	<5	<5	29	<1
Xylenes (total)	10,000	9,440	10,400	5,540	NS	NS	NS	4,720	2,070	62	13	21	1,650	41	623	870	301	515	<10	<10	98	<2
Isopropylbenzene	840	728	218	433	NS	NS	NS	178	66	44	<1	<1	88.4	2.4	22	33	12	21	<5	<5	5.9	<1
Methyl tert-butyl ether	20	15	<50	56.9	NS	NS	NS	<20	11	<1	<1	<1	<1	<1	<5	<5	<2	<5	<5	<5	<1	<1
Naphthalene	100	1,090	244	604	NS	NS	NS	205	74	20	<1	<1	94	1.9	18	32	14	21	<5	<5	3.6	<1

NS - Not Sampled  
All concentrations in micrograms per liter (ug/L)  
WD - Well Destroyed

TABLE 2 (Continued)  
GROUNDWATER ANALYTICAL DATA  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03

Sample ID (Depth)	Statewide Health Standards	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5	MW-5	MW-5
Sampling Date	Groundwater	5/8/12	6/17/12	11/8/13	12/11/13	2/4/14	3/7/14	6/12/14	3/25/15	6/25/15	8/26/15	12/9/15	3/31/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>																			
1,3,5-Trimethylbenzene	420	155	15	<10	<2	NS	<2	WD	437	388/370	430	434	355/347	378	415	562	433	351	395
1,2,4-Trimethylbenzene	15	427	36	14	<2	NS	<2	WD	1,680	1,510/2,460	1,870	1,700	1,360/1,320	1,470	1,790	2,260	1,700	1,440	1,600
Benzene	5	14	4.3	90	2.4	NS	<2	WD	3,960	5,450/11,200	6,210	4,690	4,790/4,670	445	4,610	4,120	2,270	1,930	502
Toluene	1,000	116	14	<10	<2	NS	<2	WD	13,600	16,600/33,700	17,500	18,200	14,100/12,000	450	13,000	9,530	4,200	1,470	4,840
Ethylbenzene	700	107	15	81	<2	NS	<2	WD	2,740	2,430/4,420	3,110	2,500	2,350/2,300	1,980	2,680	2,570	2,710	2,260	2,360
Xylenes (total)	10,000	403	39	<20	<4	NS	<4	WD	9,460	10,900/20,800	14,100	12,200	10,300/10,100	6,440	12,400	11,500	11,100	6,820	10,400
Isopropylbenzene	840	52	<10	25	<2	NS	<2	WD	197	1	186	170	154	220	176	225	185	175	162
Methyl tert-butyl ether	20	<5	<10	13	2.8	NS	<2	WD	34	<50/35	<50	<50	<100	<50	14	<25	14	<25	<50
Naphthalene	100	94	<10	<10	<2	NS	<2	WD	331	376/436	316	443	349/330	485	477	545	405	326	461

Sample ID (Depth)	Statewide Health Standards	MW-6	MW-6	MW-6
Sampling Date	Groundwater	5/8/12	6/17/12	3/7/14
Matrix	Used Aquifers	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>				
1,3,5-Trimethylbenzene	13	<1	<1	AB
1,2,4-Trimethylbenzene	15	<1	<1	AB
Benzene	5	<1	1.2	AB
Toluene	1,000	<1	2.6	AB
Ethylbenzene	700	<1	<1	AB
Xylenes (total)	10,000	<2	<2	AB
Isopropylbenzene	840	<1	<1	AB
Methyl tert-butyl ether	20	<1	<1	AB
Naphthalene	100	<1	<1	AB

NS - Not Sampled  
All concentrations in micrograms per liter (ug/L)  
WD - Well Destroyed

TABLE 2 (Continued)  
GROUNDWATER ANALYTICAL DATA  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03

Sample ID (Depth)	Statewide Health Standards	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7
Sampling Date	Groundwater	11/8/13	12/11/13	2/4/14	3/7/14	6/12/14	9/17/14	12/3/14	3/25/15	6/25/15	8/26/2015	12/9/2015	3/30/2016	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>																			
1,3,5-Trimethylbenzene	420	8.5	12	NS	NS	<20	56.2	158	<25	<25	91.5/85.8	18	71	104	198	128	<25	<25	<50
1,2,4-Trimethylbenzene	15	5.2	6.4	NS	NS	40	153	300	50	61	238/229	48	199	308	578	316	43	27	76
Benzene	5	7,480	5,100	NS	NS	390	2,200	6,120	884	582	4,780/4,540	917	2320	4,600	6,860	4,360	4070	9180	3470
Toluene	1,000	63	55	NS	NS	<20	66	296	300	193	279/275	157	767	980	716	117	59	66	50
Ethylbenzene	700	34	31	NS	NS	<20	299	800	120	91	436/438	97	391	612	1120	726	231	68	174
Xylenes (total)	10,000	32	33	NS	NS	97	436	1,120	293	314	876/849	222	1010	1,700	2,510	793	87	<50	242
Isopropylbenzene	840	43	55	NS	NS	<20	52	167	<25	<25	85/91	23	68	99	177	133	103	156	86
Methyl tert-butyl ether	20	546	449	NS	NS	<20	48	192	<25	<25	75/79	16	16	32	62	72.5	81	240	<50
Naphthalene	100	44	79	NS	NS	<20	65	222	<25	<25	134/127	33	107	193	281	208	103	97	76

Sample ID (Depth)	Statewide Health Standards	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8
Sampling Date	Groundwater	11/8/13	12/11/13	2/4/14	3/7/14	6/12/14	9/17/14	12/3/14	3/25/15	6/25/15	8/26/15	12/9/15	3/30/2016	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>																			
1,3,5-Trimethylbenzene	420	<2	<1	NS	<1	<1	5.2	1.3	1.6	1.5	2.2	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	<2	<1	NS	<1	<1	19	4.1	5.4	5.5	7.5	2.7	<1	<1	<1	<1	<1	<1	<1
Benzene	5	<2	<1	NS	<1	<1	8.8	2.1	15	7.1	10	1.6	3.4	<1	8.3	<1	<1	<1	<1
Toluene	1,000	<2	<1	NS	<1	<1	13	3.6	35	19	22	8.1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	<2	<1	NS	<1	<1	19	3.6	7.5	5.1	6.9	2.1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	<4	<2	NS	<2	<2	91	17	37	27	34	11	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	840	<2	<1	NS	<1	<1	2.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methyl tert-butyl ether	20	2.7	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	100	<2	<1	NS	<1	<1	3.6	1.2	1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

NS - Not Sampled  
All concentrations in micrograms per liter (ug/L)  
WD - Well Destroyed

TABLE 2 (Continued)  
GROUNDWATER ANALYTICAL DATA  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03

Sample ID (Depth)	Statewide Health Standards	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9
Sampling Date	Groundwater	11/8/13	12/11/13	2/4/14	3/7/14	6/12/14	9/17/14	12/3/14	3/25/15	6/25/15	8/26/15	11/13/15	12/9/15	1/20/16	3/30/16	6/23/16	9/21/16	12/6/16	2/24/17	6/1/17	9/6/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>																					
1,3,5-Trimethylbenzene	420	<2	<1	NS	<1	<1	8.7	7.7	<10	41	24	15	15	17	36	<25	<5	<5	<5	<5/<1	<5
1,2,4-Trimethylbenzene	15	<2	<1	NS	<1	<1	36	<5	<10	65	24	12	17	10	34	26	<5	<5	<5	<5/<1	<5
Benzene	5	13	17	NS	96	58	83	19	853	1050	1590	1210	1510	1600	1660	857	387	500	243	86/108	66
Toluene	1,000	<2	<1	NS	<1	2.2	40	<5	81	178	113	112	116	97	210	214	28	19	8.9	<5/3.2	<5
Ethylbenzene	700	<2	<1	NS	3.2	2.0	41	9.7	66	152	175	251	265	244	284	152	81	67	25	<5/5.9	<5
Xylenes (total)	10,000	<4	<2	NS	<2	<2	165	17.4	66	298	153	73	99	67	208	194	17	<10	<10	<10/<2	<10
Isopropylbenzene	940	<2	<1	NS	5.5	5.7	9.9	<5	39	83	77	93	97	90	102	54	37	39	26	1	8
Methyl tert-butyl ether	20	8	2.9	NS	9.4	5.9	5.1	<5	11	<10	<10	<10	<10	<10	<25	<25	<5	<5	<5	<5/2.1	<5
Naphthalene	100	<2	<1	NS	<1	<1	8.1	<5	15	69	36	61	84	79	87	63	16	8.5	<5	<5/<1	<5

Sample ID (Depth)	Statewide Health Standards	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10
Sampling Date	Groundwater	11/8/13	12/11/13	2/4/14	3/7/14	6/12/14	9/17/14	12/3/14	3/25/15	6/25/15	8/27/15	12/9/15	3/30/16	6/23/16	9/21/16	12/6/16	2/24/17	6/1/17	9/6/17	
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
<b>VOLATILE ORGANIC COMPOUNDS</b>																				
1,3,5-Trimethylbenzene	420	WNI	WNI	<2	<1	<1	<1	1.7	<1	1.1	1.4	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	WNI	WNI	<2	<1	<1	<1	4.8	2.6	5.0	4.5	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5	WNI	WNI	<0.24	<1	<1	<1	13	14	50	27	33	11	15	1.0	1.7	14	14	12	
Toluene	1,000	WNI	WNI	<2	<1	<1	<1	14	15	10	5.7	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	WNI	WNI	<2	<1	<1	<1	7.2	3.7	3.2	3.4	<1	<1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	WNI	WNI	<4	<2	<2	<2	32	17	16	15	<2	<2	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	940	WNI	WNI	<2	<1	<1	<1	1.2	<1	6.1	3.3	4.9	1.4	3.2	1.3	<1	3.2	3.6	5.7	
Methyl tert-butyl ether	20	WNI	WNI	<2	<1	<1	12	15	24	116	106	17	24	11	5.9	11	15	13		
Naphthalene	100	WNI	WNI	<2	NS	<1	<1	1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

NS - Not Sampled  
All concentrations in micrograms per liter (ug/L)  
WD - Well Destroyed



TABLE 2 (Continued)  
GROUNDWATER ANALYTICAL DATA  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03

Sample ID (Depth)	Statewide Health Standards	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11
Sampling Date	Groundwater	11/8/13	12/11/13	2/4/14	3/7/14	6/12/14	9/17/14	12/3/14	3/25/15	6/25/15	8/27/15	12/10/15	3/30/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>																			
1,3,5-Trimethylbenzene	420	WNI	WNI	<2	<1	<1	<1	2.6	1.8	1.3	1.8	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	WNI	WNI	<2	<1	<1	<1	9.8	6.3	4.01	6.0	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5	WNI	WNI	0.3	<1	<1	<1	19	32	5.65	3.8	<1	1.4	<1	<1	<1	<1	<1	<1
Toluene	1,000	WNI	WNI	<2	<1	<1	<1	20	51	12	6.7	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	WNI	WNI	<2	<1	<1	<1	10	12	3.9	4.3	<1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	WNI	WNI	<4	<2	<2	<2	47	53	18	19	<2	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	840	WNI	WNI	<2	<1	<1	<1	1.6	1.5	<1	1.3	<1	<1	<1	<1	<1	<1	<1	<1
Methyl tert-butyl ether	20	WNI	WNI	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	100	WNI	WNI	<2	<1	<1	<1	2.2	1.5	<1	1.5	<1	<1	<1	<1	<1	<1	<1	<1

Sample ID (Depth)	Statewide Health Standards	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12
Sampling Date	Groundwater	11/8/13	12/11/13	2/4/14	3/7/14	6/12/14	9/17/14	12/3/14	3/25/15	6/25/15	8/26/15	12/10/15	3/31/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>																			
1,3,5-Trimethylbenzene	420	<2	<1	NS	<1	<1	6.7	<1	2.3	4.7	4.5	2.5	<1	<1	5.7	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	<2	<1	NS	<1	<1	20	<1	8.3	17.7	15.7	9.3	3.2	<1	20.8	<1	<1	<1	<1
Benzene	5	2.1	<1	NS	1.4	1.4	20	<1	26	21	22	10	11	<1	1.7	<1	<1	<1	<1
Toluene	1,000	6.6	<1	NS	3.1	3.1	25	<1	60	54	43	36	57	<1	18	<1	<1	<1	<1
Ethylbenzene	700	<2	<1	NS	1.5	1.5	19	<1	12	17	15	7.3	9.5	<1	12	<1	<1	<1	<1
Xylenes (total)	10,000	4.1	<2	NS	6.4	6.4	83	<2	60	87	67	41	36	<2	37	<2	<2	<2	<2
Isopropylbenzene	840	<2	<1	NS	<1	<1	3.5	<1	1.1	2.1	2.2	<1	<1	<1	4.3	<1	<1	<1	<1
Methyl tert-butyl ether	20	<2	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	100	<2	<1	NS	NS	<1	1.3	<1	1.6	3.4	4.0	1.7	<1	<1	4.5	<1	<1	<1	<1

NS - Not Sampled  
All concentrations in micrograms per liter (ug/L)  
WD - Well Destroyed

TABLE 2 (Continued)  
GROUNDWATER ANALYTICAL DATA  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03

Sample ID (Depth)	Statewide Health Standards	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13
Sampling Date	Groundwater	4/29/14	6/12/14	9/17/14	12/3/14	3/25/15	6/25/15	8/26/15	12/9/15	3/30/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>																
1,3,5-Trimethylbenzene	420	<1	<1	<1	4.9	DRY	1.9	DRY	4.3	<1	<1	DRY	DRY	<1	<1	<1
1,2,4-Trimethylbenzene	15	<1	<1	<1	18.9	DRY	6.8	DRY	17	<1	<1	DRY	DRY	<1	<1	<1
Benzene	5	<1	<1	<1	108	DRY	10	DRY	16	<1	<1	DRY	DRY	<1	<1	<1
Toluene	1,000	66	102	1.8	120	DRY	25	DRY	91	<1	<1	DRY	DRY	<1	<1	<1
Ethylbenzene	700	<1	<1	<1	30.5	DRY	6.67	DRY	18	<1	<1	DRY	DRY	<1	<1	<1
Xylenes (total)	10,000	<2	<2	3.6	133	DRY	34	DRY	98	<2	<2	DRY	DRY	<2	<2	<2
Isopropylbenzene	840	<1	<1	<1	3.3	DRY	<1	DRY	1.7	<1	<1	DRY	DRY	<1	<1	<1
Methyl tert-butyl ether	20	<1	<1	<1	<1	DRY	<1	DRY	<1	<1	<1	DRY	DRY	<1	<1	<1
Naphthalene	100	<1	<1	<1	6.0	DRY	1.2	DRY	3.7	<1	<1	DRY	DRY	<1	<1	<1

Sample ID (Depth)	Statewide Health Standards	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14
Sampling Date	Groundwater	4/29/14	6/12/14	9/17/14	12/3/14	3/25/15	6/25/15	8/26/15	12/9/15	3/30/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>																
1,3,5-Trimethylbenzene	420	<1	<1	<1	7.2	6.2	2.5	2.9	1.8	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	<1	<1	<1	26	21	9.0	9.1	6.6	<1	<1	<1	<1	<1	<1	<1
Benzene	5	<1	<1	<1	72	63	13	17	5.2	3.9	<1	<1	<1	<1	<1	<1
Toluene	1,000	<1	<1	<1	65	96	30	36	23	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	<1	<1	<1	31	28	8.2	11	5.1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	<2	<2	2.2	137	147	43	51	29	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	840	<1	<1	<1	4.4	2.9	1.0	2	<1	<1	<1	<1	<1	<1	<1	<1
Methyl tert-butyl ether	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	100	<1	<1	<1	7.0	3.7	1.5	2.7	1.2	<1	<1	<1	<1	<1	<1	<1

NS - Not Sampled  
All concentrations in micrograms per liter (ug/L)  
WD - Well Destroyed

TABLE 2 (Continued)  
GROUNDWATER ANALYTICAL DATA  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03

Sample ID (Depth)	Statewide Health Standards	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15
Sampling Date	Groundwater	4/29/14	6/12/14	9/17/14	12/3/14	3/25/15	6/25/15	8/26/15	12/9/15	1/20/16	3/30/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>																	
1,3,5-Trimethylbenzene	420	<1	<1	<1	7.7	3.06	5.86	7.29	5.37	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	<1	<1	<1	25.7	10.6	21.8	25.3	20.2	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5	<1	<1	<1	71	29.1	27.7	38.3	22.8	<1	1.71	<1	<1	<1	<1	<1	<1
Toluene	1,000	<1	2.35	<1	57.2	61.2	63.2	62.4	70.2	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	<1	<1	<1	31	13.4	20.6	23.4	15.2	<1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	<2	2.94	4.25	135	68	105	105	87.9	<2	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	840	<1	<1	<1	4.7	1.23	2.70	3.86	1.92	<1	<1	<1	<1	<1	<1	<1	<1
Methyl tert-butyl ether	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	100	<1	<1	<1	7.06	1.91	4.5	7.31	3.98	<1	<1	<1	<1	<1	<1	<1	<1

Sample ID (Depth)	Statewide Health Standards	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16
Sampling Date	Groundwater	4/29/14	6/12/14	9/17/14	12/3/14	3/25/15	6/25/15	8/26/15	12/9/15	1/20/16	3/30/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>																	
1,3,5-Trimethylbenzene	420	<1	<1	7	NS	NS	1.7	1.7	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	<1	<1	27	NS	NS	4.8	5.3	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5	<1	<1	20	NS	NS	8.1	7.9	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	<1	<1	26	NS	NS	14	12	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	<1	<1	32	NS	NS	4.8	5.4	<1	<1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	<2	<2	138	NS	NS	22	21	<2	<2	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	840	<1	<1	4.2	NS	NS	1.1	1.4	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methyl tert-butyl ether	20	9.2	3.0/3.4	30	NS	NS	15	12	6.7	8.1	4.9	7.8	48	7.4	4.8	5.3	<1
Naphthalene	100	<1	<1	1.8	NS	NS	1.1	1.9	<1	<1	<1	<1	<1	<1	<1	<1	<1

NS - Not Sampled  
All concentrations in micrograms per liter (ug/L)  
WD - Well Destroyed

TABLE 2 (Continued)  
GROUNDWATER ANALYTICAL DATA  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03

Sample ID (Depth)	Statewide Health Standards	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17
Sampling Date	Groundwater	11/12/15	12/9/15	1/20/16	3/30/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>											
1,3,5-Trimethylbenzene	420	<1	3.6	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	<1	13	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5	<1	15	<1	1.4	<1	<1	<1	<1	<1	<1
Toluene	1,000	<1	47	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	<2	9.9	<1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	<1	56	<2	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	840	<1	1.2	<1	<1	<1	<1	<1	<1	<1	<1
Methyl tert-butyl ether	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	100	<1	2.2	<1	<1	<1	<1	<1	<1	<1	<1

Sample ID (Depth)	Statewide Health Standards	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18
Sampling Date	Groundwater	11/12/15	12/9/15	1/20/16	3/30/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>											
1,3,5-Trimethylbenzene	420	<1	2.3	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	<1	8.5	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5	<1	7.3	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	<1	30	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	<2	6.6	<1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	<1	37	<2	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	840	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methyl tert-butyl ether	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	100	<1	1.6	<1	<1	<1	<1	<1	<1	<1	<1

NS - Not Sampled

All concentrations in micrograms per liter (ug/L)

WD - Well Destroyed

TABLE 2 (Continued)  
GROUNDWATER ANALYTICAL DATA  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03

Sample ID (Depth)	Statewide Health Standards	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19
Sampling Date	Groundwater	11/12/15	12/9/15	1/20/16	3/30/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>											
1,3,5-Trimethylbenzene	420	<1	<2	<1	<1	<1	DRY	DRY	<1	<1	<1
1,2,4-Trimethylbenzene	15	<1	3.6	<1	<1	<1	DRY	DRY	<1	<1	<1
Benzene	5	<1	3.0	<1	<1	<1	DRY	DRY	<1	<1	<1
Toluene	1,000	<1	12	<1	<1	<1	DRY	DRY	<1	<1	<1
Ethylbenzene	700	<2	2.8	<1	<1	<1	DRY	DRY	<1	<1	<1
Xylenes (total)	10,000	<1	16	<2	<2	<2	DRY	DRY	<2	<2	<2
Isopropylbenzene	840	<1	<2	<1	<1	<1	DRY	DRY	<1	<1	<1
Methyl tert-butyl ether	20	<1	<2	<1	<1	<1	DRY	DRY	<1	<1	<1
Naphthalene	100	<1	<2	<1	<1	<1	DRY	DRY	<1	<1	<1

Sample ID (Depth)	Statewide Health Standards	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20
Sampling Date	Groundwater	11/12/15	12/10/15	1/20/16	3/30/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>											
1,3,5-Trimethylbenzene	420	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	840	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methyl tert-butyl ether	20	<1	<1	<1	<1	<1	1.1	<1	1.0	<1	<1
Naphthalene	100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

NS - Not Sampled

All concentrations in micrograms per liter (ug/L)

WD - Well Destroyed



TABLE 2 (Continued)  
GROUNDWATER ANALYTICAL DATA  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03

Sample ID (Depth)	Statewide Health Standards	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21
Sampling Date	Groundwater	11/12/15	12/10/15	1/20/16	3/30/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>											
1,3,5-Trimethylbenzene	420	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	840	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methyl tert-butyl ether	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Sample ID (Depth)	Statewide Health Standards	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22
Sampling Date	Groundwater	11/12/15	12/10/15	1/20/16	3/30/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units	<2,500 TDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
<b>VOLATILE ORGANIC COMPOUNDS</b>											
1,3,5-Trimethylbenzene	420	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	840	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methyl tert-butyl ether	20	<1	<1	<1	<1	<1	4.5	<1	<1	<1	1.4
Naphthalene	100	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1

NS - Not Sampled  
All concentrations in micrograms per liter (ug/L)  
WD - Well Destroyed

Results  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03

Sample ID (Depth)	Sampling Date	VOLATILE ORGANIC COMPOUNDS								
		1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Isopropylbenzene	Methyl tert-butyl ether	Naphthalene
Statewide Health Standards*		13	15	5	1,000	700	10,000	840	20	100
Influent Treatment System	4/20/2016	187	630	566	734	494	1980	87	7	204
	1/30/2017	36	78	109	133	49	338	<5	<5	19
	2/24/2017	33	112	121	192	49.4	285	6.3	<1	79
	3/22/2017	31	75	34	60	12	180	<5	<5	41
	4/27/2017	19	43	23	39	7.8	97	1.5	<1	27
	5/23/2017	7.4	14	8.3	13	2.1	32	<1	<1	7.2
	7/25/2017	6.7	22	24	39	9.5	72	<5	<5	24
	8/12/2017	28	65	19	33	13	138	5.6	<1	16
Between Carbon	1/30/2017	37	47	51.9	58.7	19.9	226	2.18	<1	6.22
	2/24/2017	<1	<1	<1	<1	<1	<2	<1	<1	1.4
	3/22/2017	<1	<1	<1	<1	<1	<2	<1	<1	<1
	4/27/2017	<1	<1	<1	<1	<1	<2	<1	<1	<1
	5/23/2017	<1	<1	<1	<1	<1	<2	<1	<1	<1
	7/25/2017	1	1.7	1.3	2	<1	7.5	<1	<1	<1
	8/12/2017	3.4	2.5	<1	<1	<1	9.2	<1	<1	<1
	4/20/2016	<1	<1	<1	<1	<1	<2	<1	<1	<1
Effluent Treatment System	1/30/2017	<1	<1	<1	<1	<1	<2	<1	<1	<1
	2/24/2017	<1	<1	<1	<1	<1	<2	<1	<1	<1
	3/22/2017	<1	<1	<1	<1	<1	<2	<1	<1	<1
	4/27/2017	<1	<1	<1	<1	<1	<2	<1	<1	<1
	5/23/2017	<1	<1	<1	<1	<1	<2	<1	<1	<1
	7/25/2017	<1	<1	<1	<1	<1	<2	<1	<1	<1
	8/12/2017	<1	<1	<1	<1	<1	<2	<1	<1	<1
	2/24/2017	<1	<1	<1	<1	<1	<2	<1	<1	<1
Trip Blank		<1	<1	<1	<1	<1	<2	<1	<1	<1

Note:

All concentrations in micrograms per liter (ug/L)

Matrix: Groundwater

\*Residential Ground water Used Aquifers <2,500 TDS

**DPE SYSTEM DATA**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

Date	Vaccum (Hg)	Temp Before Blower (F)	Temp After Blower (F)	Air Flow Scfm	Air Pressure After Blower	H2O Pressure Before Bag (psi)	H2O Pressure After Bag (psi)	H2O Pressure Between Carbon
01/04/17	12.50	96	>250	N/A	>30	25	20	8
01/09/17	N/A	35-60	35	N/A	N/A	N/A	N/A	N/A
01/11/17	12.50	83	245	N/A	2.5	5	0	2
01/16/17	11.50	85	214	N/A	0	8	0	0
01/23/17	12.50	85	232	N/A	0	8	0	0
01/30/17	10.50	68	220	N/A	0	6	0	0
02/08/17	12.00	90	226	N/A	0	6	0	0
02/23/17	12.50	104	240	N/A	2	20	0	0
02/24/17	13.00	88	192	N/A	1	8	0	0
03/02/17	-12.10	83.1	192.1	73	N/A	37	25	8
03/21/17	15.00	102	240	35	0	32	0	0
03/28/17	13.5	97	222	>350	N/A	35/37	42/26	13
4/11/2017	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/17/2017	13	80	187	N/A	N/A	25	17	11
4/27/2017	16.00	124	232	>35	N/A	10	0	0
5/12/2017	12.00	104	212	>35	N/A	0	0	0
5/23/2017	13.00	122	238	>35	N/A	9	0	0
6/7/2017	11.00	120	213	>35	N/A	19	0	0
7/12/2017	9.50	135	200	>35	.76 psi	0	0	0
7/19/2017	8.50	N/A	202	N/A	24"	25	30	9
7/25/2017	11.50	N/A	238	>35	20"	0	0	0
8/12/2017	12.00	N/A	231	>300	N/A	30	25	4
8/17/2017	12.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**DPE SYSTEM DATA (cont.)**  
**FORMER ROSEMERGY'S CONVENIENT STORE**  
**1623 ROUTE 590**  
**HAWLEY, PA**  
**11-17788-03**

Date	Totalizer Gallons	Run-Time (hours)	CatOx Temp 3	CatOx Temp 2	CatOx Temp 1	PID Pre CatOx	PID After CatOx	System On Upon Arrival (yes or no)	System on Upon Departure (yes or no)
01/04/17	88871-89002	135	360	353	330	N/A	N/A	yes	yes
01/09/17	92398.20	146.1	3	4	Low temp A1	N/A	N/A	no	no
01/11/17	92471.80	149.8	364	361		N/A	N/A	no	yes
01/16/17	98950.90	320.7	365	360	330	N/A	N/A	yes	yes
01/23/17	106874.00	487.4	357	350	330	N/A	N/A	yes	yes
01/30/17	114066.00	604.9	350	343	330	N/A	N/A	yes	yes
02/08/17	124519.00	815.6	355	346	330	N/A	N/A	yes	yes
02/23/17	146789.00	1174.4	345	338	330	N/A	N/A	yes	no
02/24/17	146921.00	1175.8	345	333	330	97.8 ppm	7.8 ppm	no	yes
03/02/17	159342.00	1314.3	345	331	330	800 ppm*	N/A	yes	yes
03/21/17	183719.00	1771.2	344	334	330	N/A	N/A	yes	yes
03/28/17	197007	1933.6	340	329	330	640 ppm*	N/A	yes	yes
4/11/2017	N/A	2141.9	N/A	N/A	N/A	N/A	N/A	no	no
4/17/2017	220490	2144.4	343	327	330	440	N/A	no	yes
4/27/2017	237583.00	2377.5	341	330	330	59.7	2.1	yes	yes
5/12/2017	251372.00	2737.9	342	330	330	780 ppm*	N/A	yes	yes
5/23/2017	264483.00	3001.9	344	332	330	48.6 ppm	0 ppm	yes	yes
6/7/2017	281754.00	3360.4	341	330	330	34.2 ppm	0 ppm	yes	yes
7/12/2017	286300.00	3455.4	342	329	330	27.5 ppm	0 ppm	no	yes
7/19/2017	290051.00	3538.3	432	328	330	N/A	N/A	no	yes
7/25/2017	298521.00	3680.8	339	328	330	21.7	0	yes	yes
8/12/2017	318771.00	4094.2	356	349	330	N/A	N/A	yes	yes
8/17/2017	320227.00	4122.0	N/A	N/A	N/A	N/A	N/A	yes	yes

\*- Different instrument used

**SYSTEM ZONE WATER LEVELS  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03**

Date	Piesometer 1	Piezometer 2	Piezometer 3	MW-2	MW-3	MW-5R	MW-7
5/24/2016	1295.15	1294.97	1294.61	1295.6	1295.28	1295.06	1291.75
5/24/2016	1294.62	1294.5	1294.34	1295.52	1295.16	1294.78	1291.73
9/13/2016	1292.38	1292.43	N/A	1292.51	1292.3	1292.89	1287.91
9/21/2016	N/A	N/A	N/A	1292.92	1294.64	1293.04	1287.51
12/8/2016	N/A	N/A	N/A	1295.22	1297.16	1295.3	1287.68
1/4/2017	1297.09	1293.84	1292.65	1295.11	1295.86	1294.51	1288.76
1/9/2017	1295.78	1294.09	1292.6	1295.25	1295.22	1294.66	1289.43
1/11/2017	1295.85	1293.78	1292.74	1295.37	1295.09	1294.61	1295.58
1/16/2017	1295.41	1292.33	1291.62	1294.68	1295.16	1293.73	1289
1/23/2017	1295.32	1292.7	1292.25	1294.99	1295.41	1293.7	1289.58
1/30/2017	1296.21	1294.79	1293.17	1295.92	1295.61	1295.34	1290.68
2/8/2017	1295.33	1290.99	1292.21	1294.35	1295.01	1293.47	1289.88
2/23/2017	1297.18	1291.48	1293.22	1293.74	1295.53	1294.69	1290.24
2/24/2017	1297.48	1294.69	1293.42	1295.8	1295.71	1295.59	1290.67
3/2/2017	1296.46	1292.8	1293.23	1295.68	1295.64	1294.48	1290.29
3/21/2017	N/A	1292.62	1292.45	1295.03	N/A	1293.74	1290.08
3/28/2017	N/A	1294.19	1293.77	1296.75	N/A	1295.77	1291.71
4/11/2017	1296.77	1299.9	1300.35	1299.67	1296.12	1299.36	1298.58
4/17/2017	1296.58	1296.29	1296.51	1296.7	1295.71	1296.35	1293.68
4/27/2017	1295.98	1296.29	1296.51	1296.7	1295.60	1296.35	1293.68
5/12/2017	1295.45	1292.91	1293.06	1295.55	1295.14	1294.33	1291.18
5/23/2017	1295.20	1292.22	1292.75	1295.09	1294.91	1294.03	1290.72
6/7/2017	1296.32	1292.21	1292.76	1294.88	1295.55	1293.82	1290.76
7/12/2017	1296.28	1292.66	1292.82	1295.29	1295.12	1294.28	1290.58

7/25/2017	1297.06	1294.82	1293.71	1295.73	1296.09	1295.24	1290.51
8/12/2017	1296.79	1293.31	1292.79	1296.39	1295.17	1295.51	1290.08
9/6/2017	N/A	N/A	N/A	1294.99	1295.55	1294.15	1288.36

**WELL HEAD VACUUM WITH SYSTEM RUNNING  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03**

Date	DPE-1	DPE-2	DPE-3	DPE-4	DPE-5	DPE-6	DPE-7	DPE-8	MW-1R	MW-4
01/04/17	>100	>100	N/A	82	97	>100	42	80	>100	N/A
01/11/17	64	76	N/A	78	64	80	40	80	84	N/A
01/16/17	82	76	N/A	80	68	66	8	74	66	N/A
01/23/17	84	92	N/A	96	76	2	10	10	80	N/A
01/30/17	78	100	N/A	NS	80	2	NS	96	4	N/A
02/08/17	88	90	N/A	85	96	0	8	85	0	N/A
02/23/17	90	92	N/A	>100	78	82	58	>100	>100	N/A
02/24/17	76	80	N/A	84	56	74	NS	98	92	N/A
03/02/17	94	85	N/A	94	73	88	10	90	98	N/A
03/21/17	95	94	N/A	NS	84	88	NS	NS	>100	N/A
03/28/17	92	94	N/A	96	82	92	45	110	107	N/A
4/11/2017	NS	NS	N/A	NS	NS	NS	NS	NS	NS	N/A
4/17/2017	58	74	N/A	92	64	72	22	92	77	N/A
4/27/2017	90	>100	N/A	>100	74	84	12	98	>100	N/A
5/12/2017	88	98	N/A	98	58	86	70	98	96	N/A
5/23/2017	82	92	N/A	87	68	86	84	85	92	N/A
6/7/2017	>100	>100	N/A	>100	92	>100	>100	96	>100	N/A
7/12/2017	76	78	N/A	88	72	80	90	84	98	N/A
7/19/2017	64	74	N/A	77	65	63	74	72	78	N/A
7/25/2017	>100	>100	N/A	>100	>100	>100	>100	>100	>100	N/A
8/12/2017	45	115	N/A	123	105	110	120	105	130	N/A



**VACUUM READINGS WITH SYSTEM RUNNING  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03**

<b>Date</b>	<b>P-1</b>	<b>P-2</b>	<b>P-3</b>	<b>MW-2</b>	<b>MW-3</b>	<b>MW-5R</b>	<b>MW-7</b>
03/28/17	NM	0.7	3.1	AS	NM	AS	0
4/27/2017	AS	1.3	0	0	AS	AS	0
5/12/2017	0	1.6	0	0	0	0.8	0
5/23/2017	0	1.6	0	0	0	0	0
6/7/2017	AS	1.8	0	0.1	AS	AS	0
7/12/2017*	AS	0	0	0	0	AS	0
7/25/2017	0.4	0.2	0.5	0	0	0.6	0.4

Notes:

Vacuum Readings in inches of water (IWC)

NM - Not measured, wells were not accessible.

AS - Water level is very near to or above screened interval.

\* System not running prior to measurements

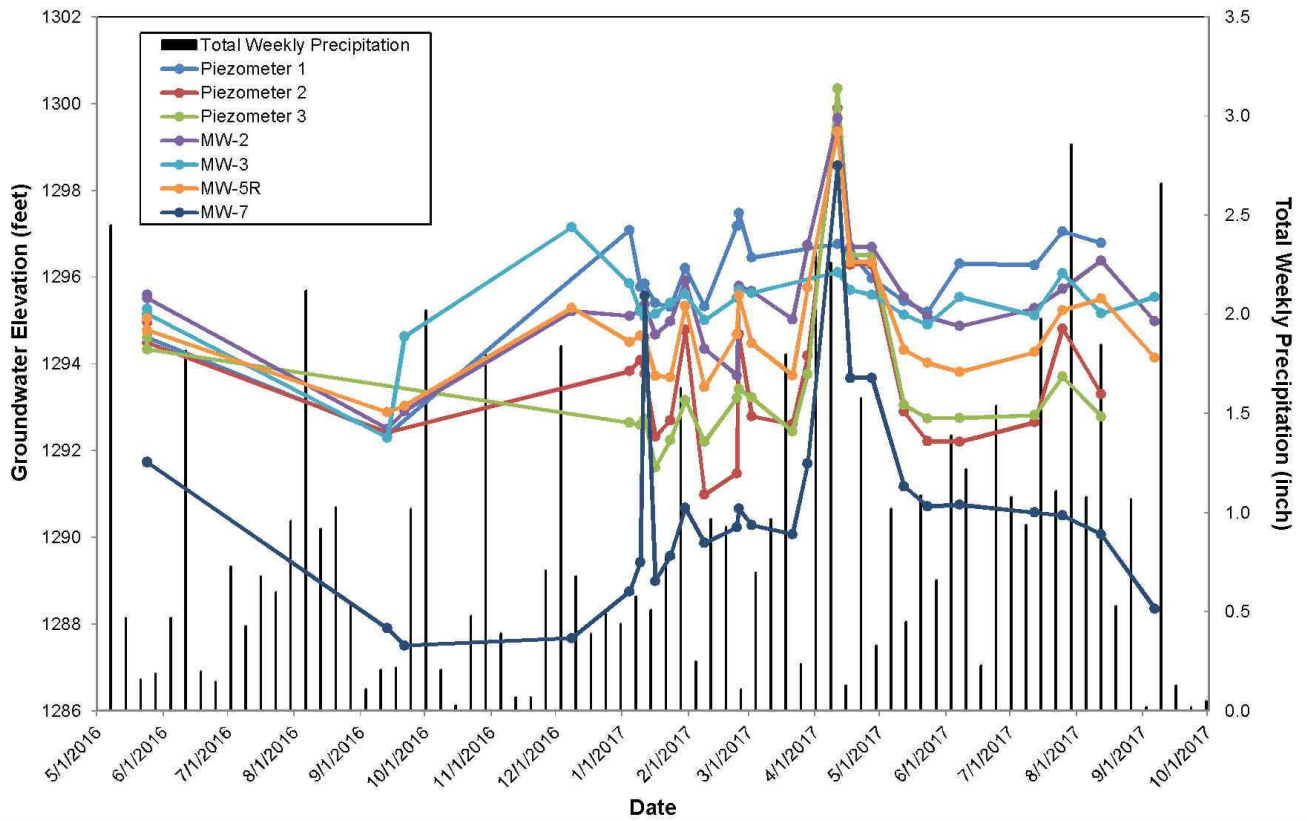
**TOTAL WEEKLY PRECIPITATION  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03**

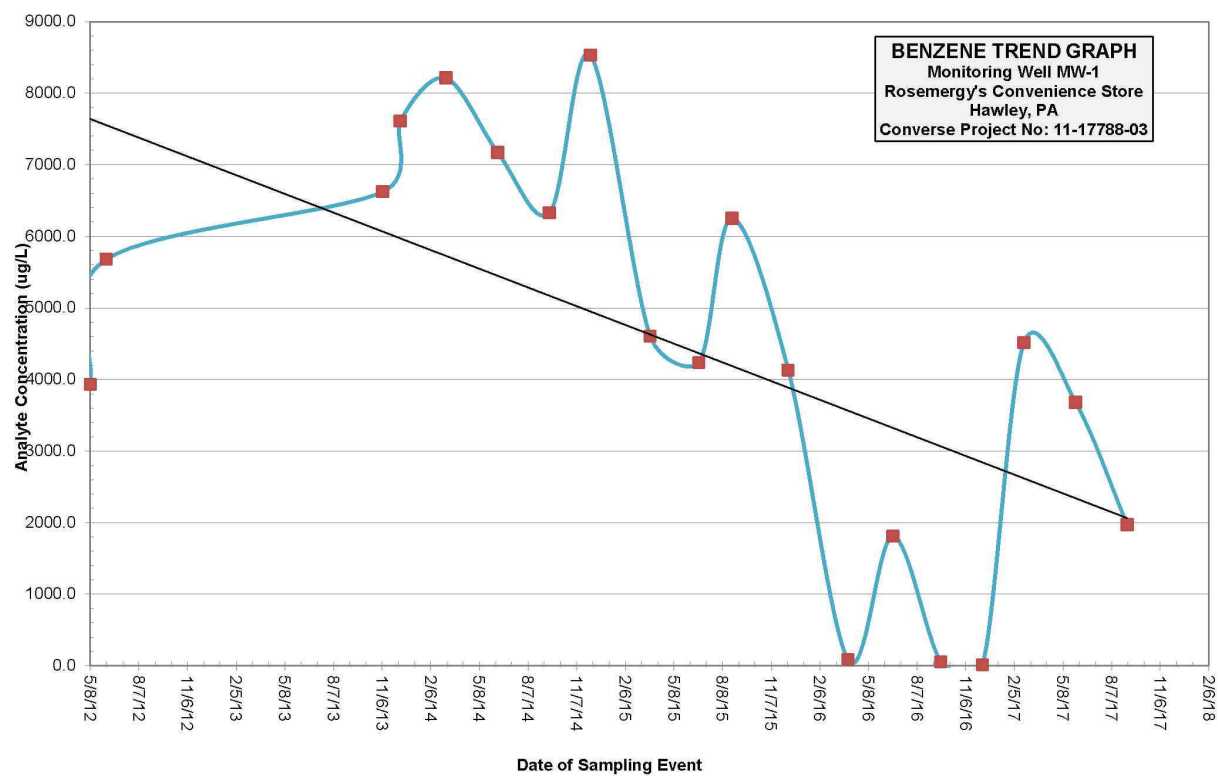
<b>Date</b>	<b>Total Weekly Precipitation (in)</b>
5/7/2016	2.45
5/14/2016	0.47
5/21/2016	0.16
5/28/2016	0.19
6/4/2016	0.47
6/11/2016	1.82
6/18/2016	0.2
6/25/2016	0.15
7/2/2016	0.73
7/9/2016	0.43
7/16/2016	0.68
7/23/2016	0.6
7/30/2016	0.96
8/6/2016	2.12
8/13/2016	0.92
8/20/2016	1.03
8/27/2016	0.55
9/3/2016	0.11
9/10/2016	0.21
9/17/2016	0.22
9/24/2016	1.02
10/1/2016	2.02
10/8/2016	0.21
10/15/2016	0.03
10/22/2016	0.48
10/29/2016	1.82
11/5/2016	0.39
11/12/2016	0.07
11/19/2016	0.07
11/26/2016	0.71
12/3/2016	1.84
12/10/2016	0.68
12/17/2016	0.39
12/24/2016	0.5
12/31/2016	0.44

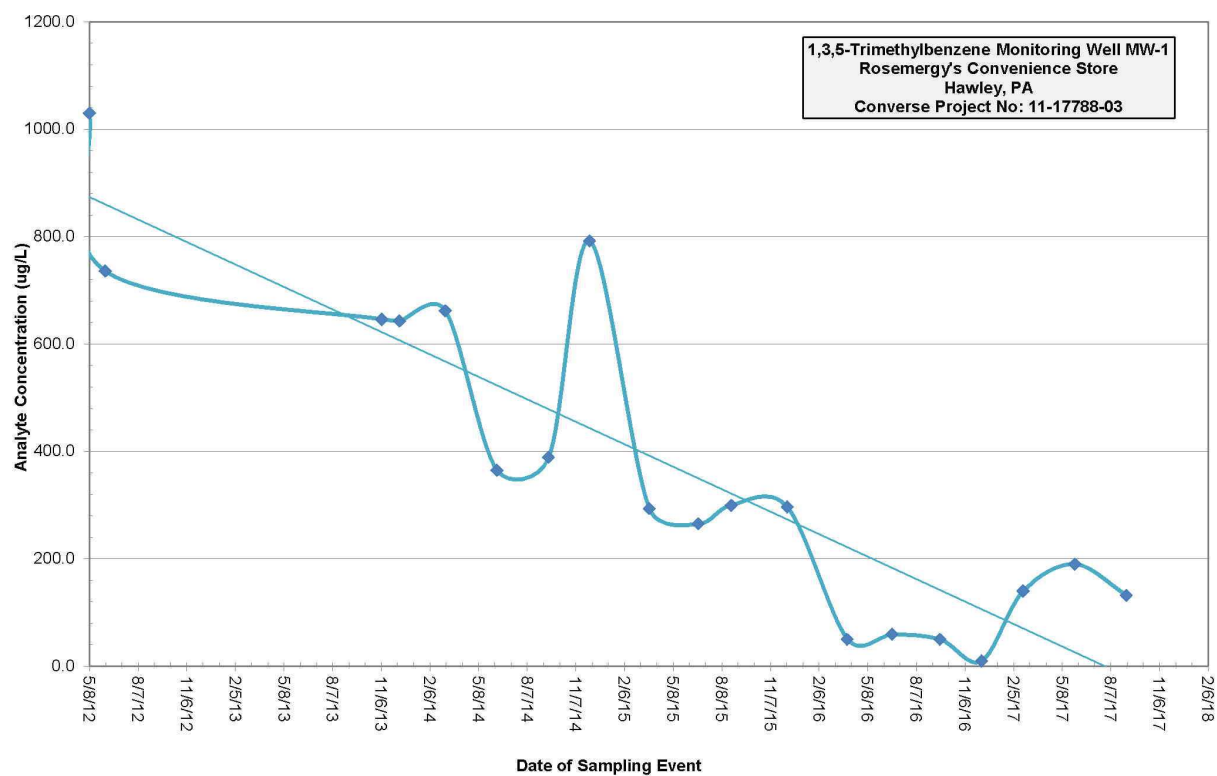
**TOTAL WEEKLY PRECIPITATION  
FORMER ROSEMERGY'S CONVENIENT STORE  
1623 ROUTE 590  
HAWLEY, PA  
11-17788-03**

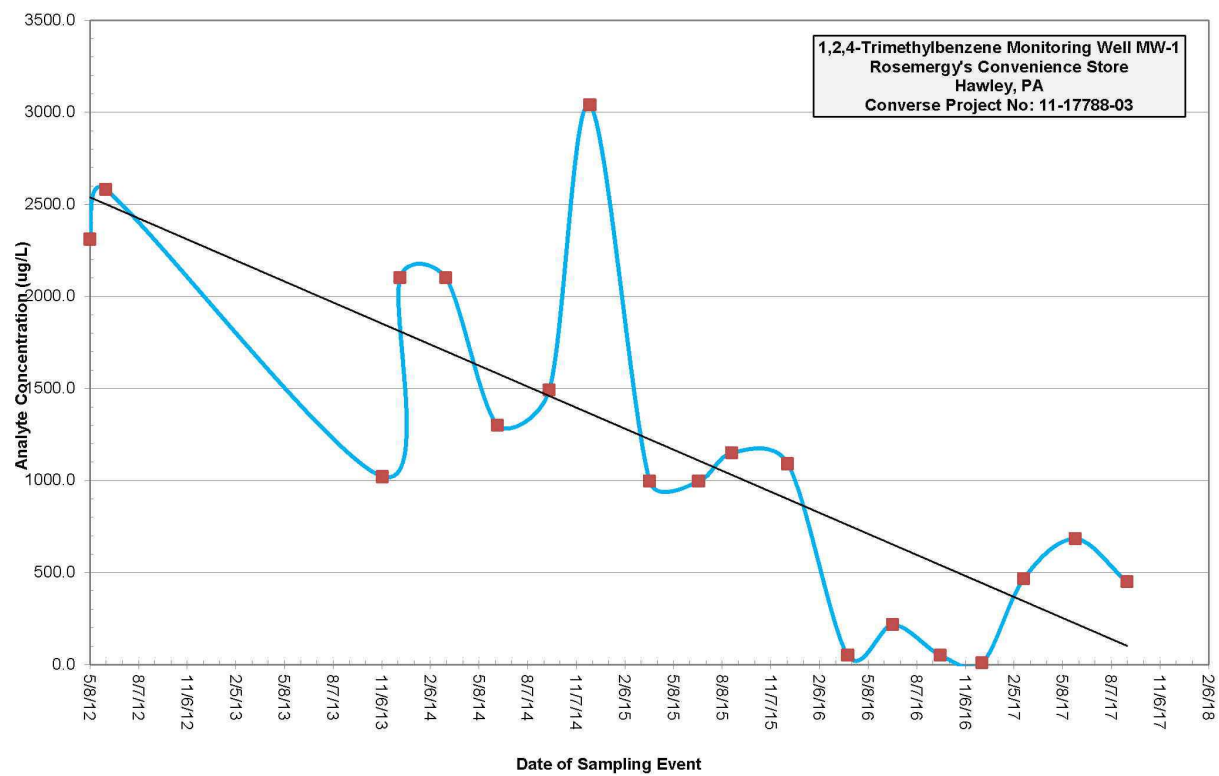
<b>Date</b>	<b>Total Weekly Precipitation (in)</b>
1/7/2017	0.58
1/14/2017	0.51
1/21/2017	0.79
1/28/2017	1.63
2/4/2017	0.25
2/11/2017	0.97
2/18/2017	0.93
2/25/2017	0.11
3/4/2017	0.7
3/11/2017	0.97
3/18/2017	1.8
3/25/2017	0.24
4/1/2017	2.32
4/8/2017	2.26
4/15/2017	0.13
4/22/2017	1.58
4/29/2017	0.33
5/6/2017	1.02
5/13/2017	0.45
5/20/2017	1.09
5/27/2017	0.66
6/3/2017	1.39
6/10/2017	1.22
6/17/2017	0.23
6/24/2017	1.54
7/1/2017	1.08
7/8/2017	0.94
7/15/2017	1.98
7/22/2017	1.11
7/29/2017	2.86
8/5/2017	1.08
8/12/2017	1.85
8/19/2017	0.53
8/26/2017	1.07
9/2/2017	0.02
9/9/2017	2.66
9/16/2017	0.13
9/23/2017	0.02
9/30/2017	0.05

System Water Levels

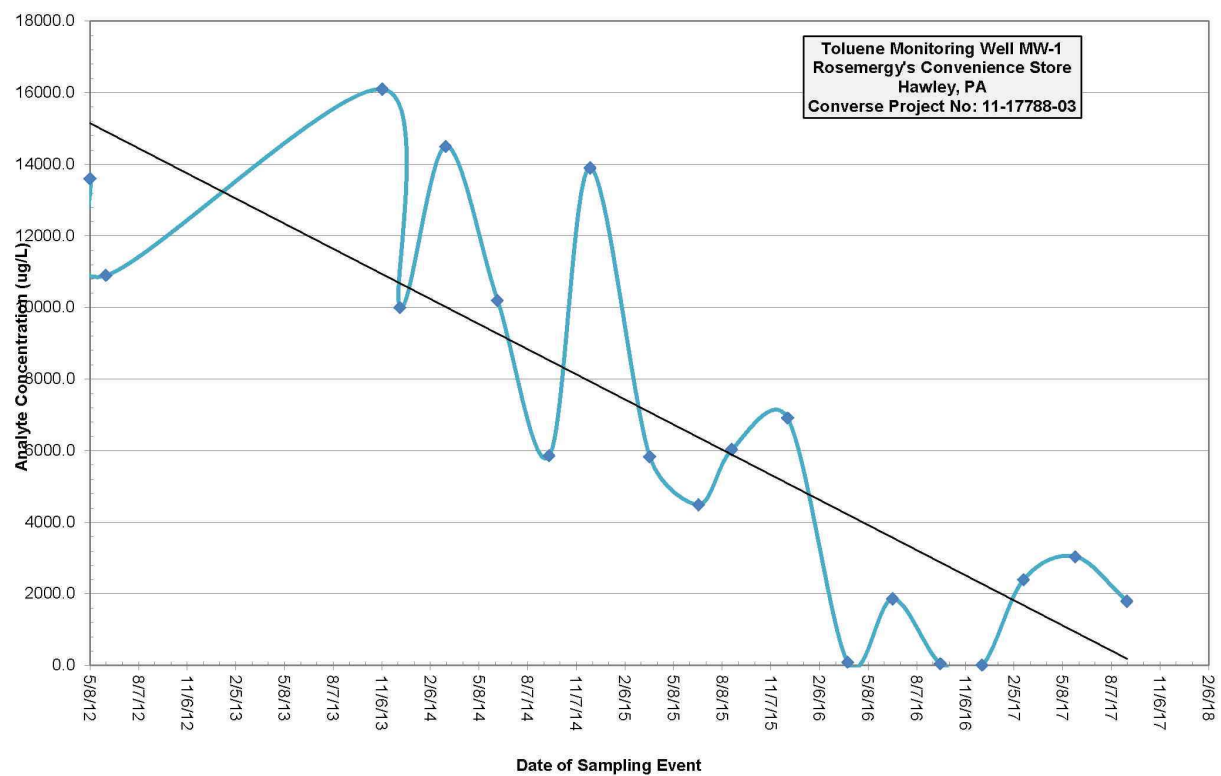


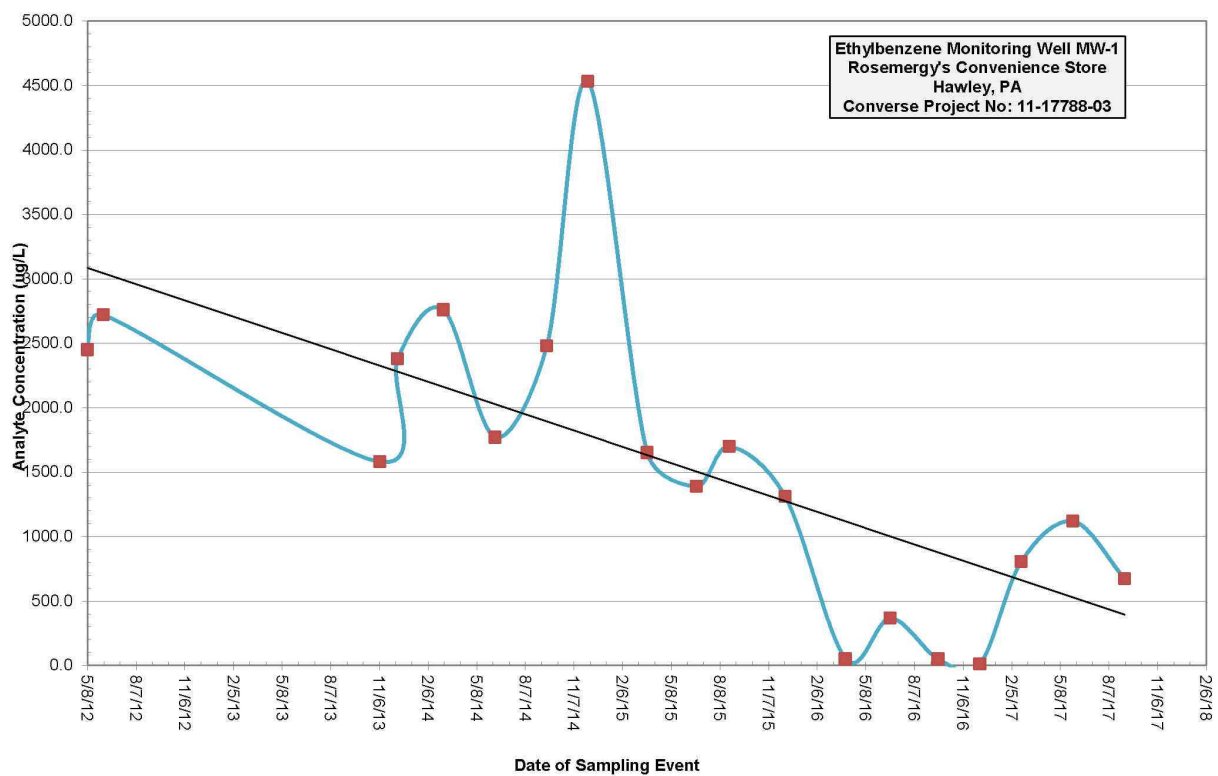


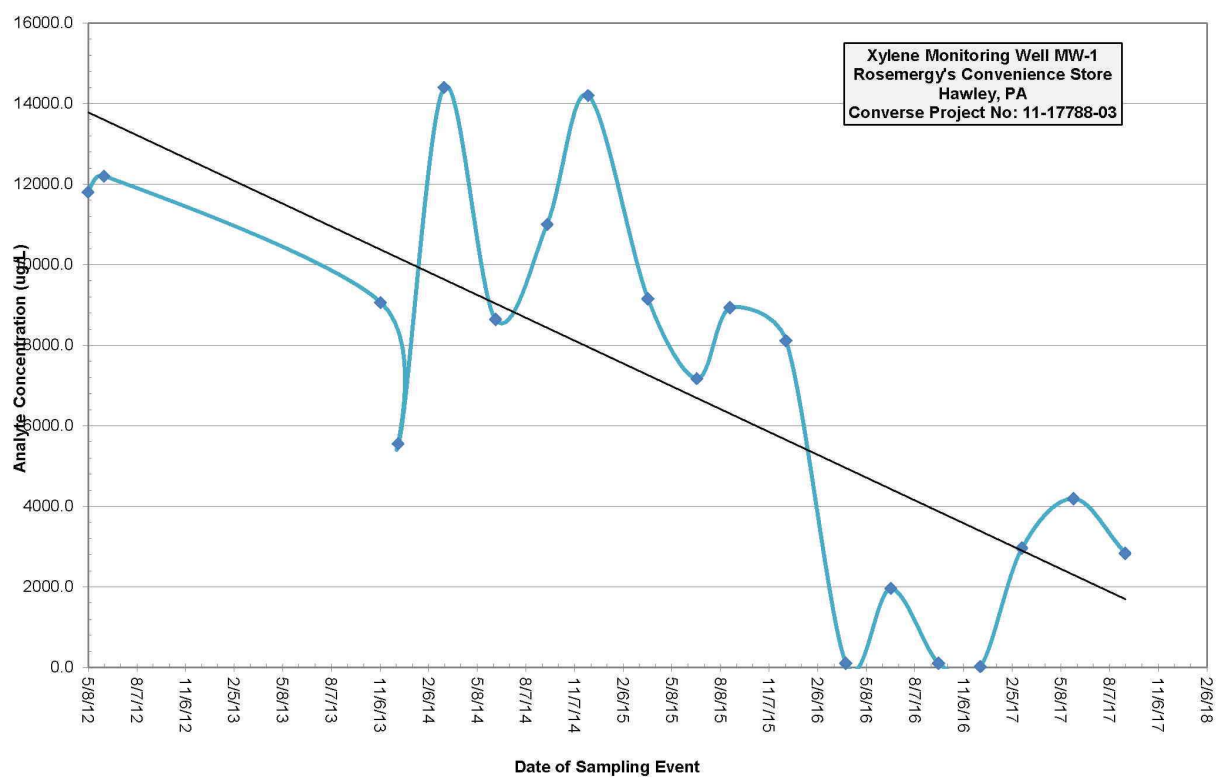


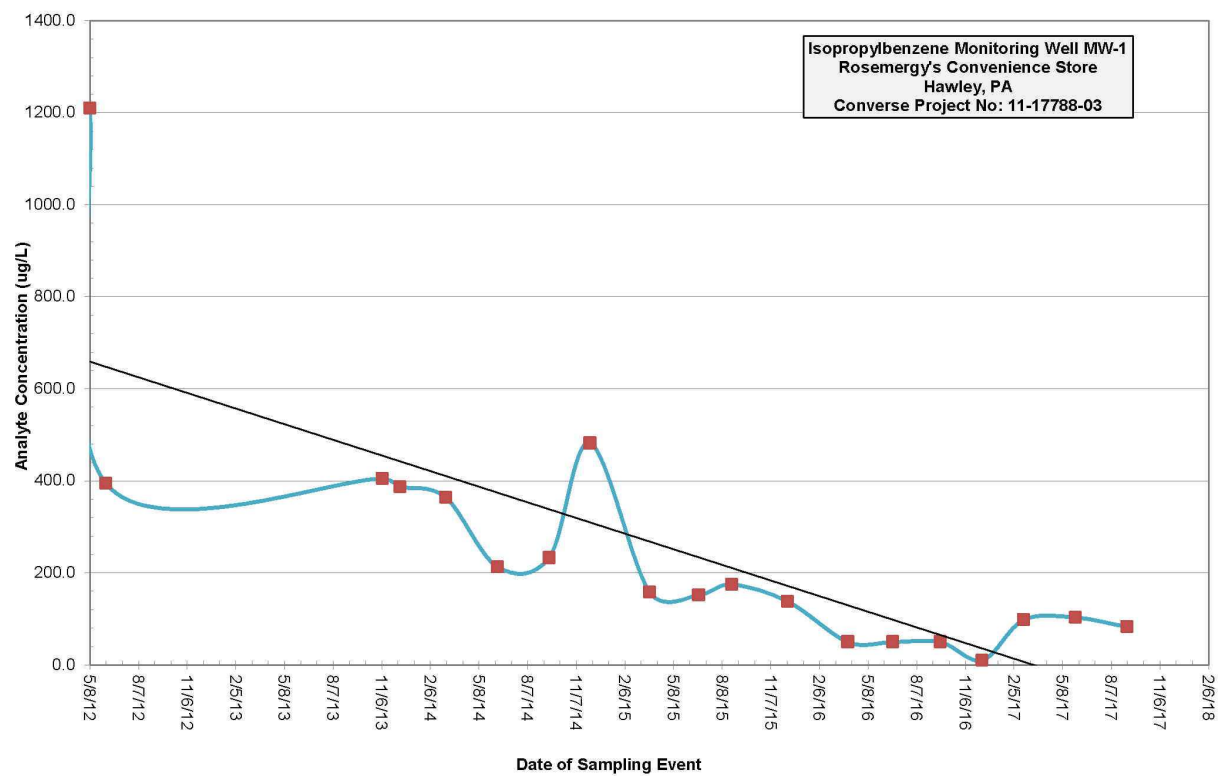


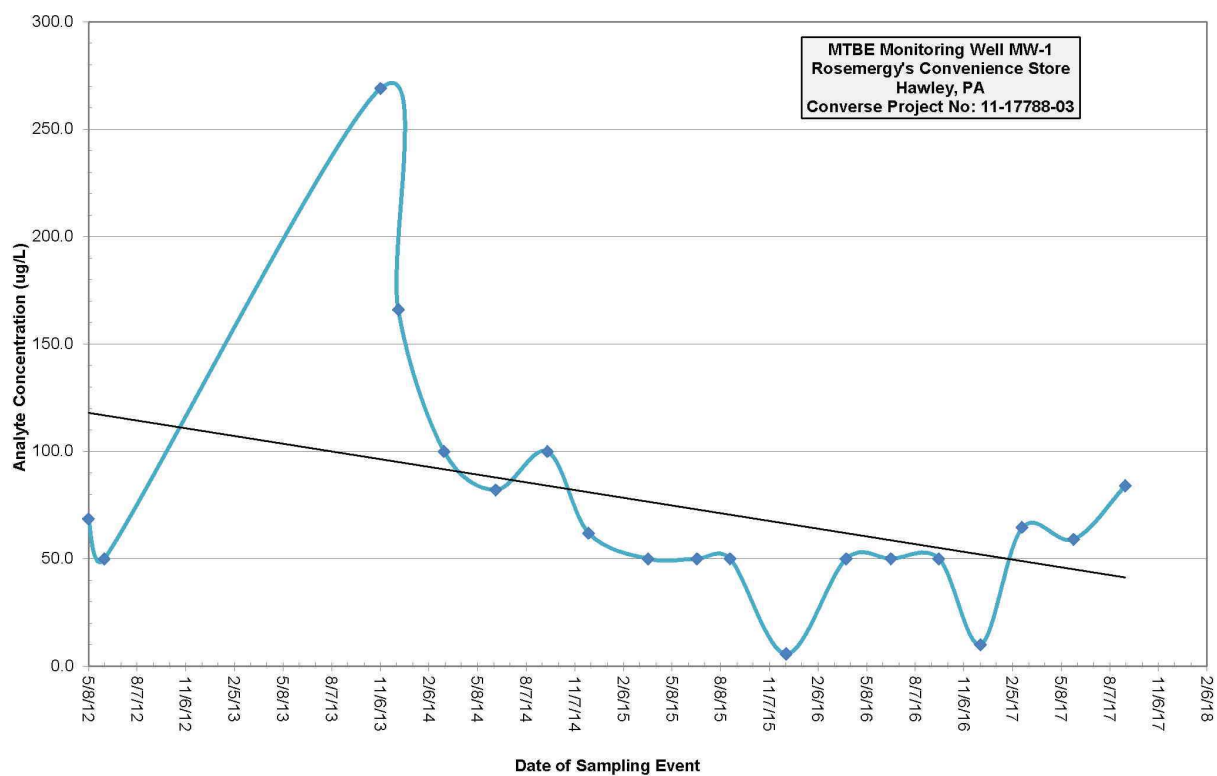


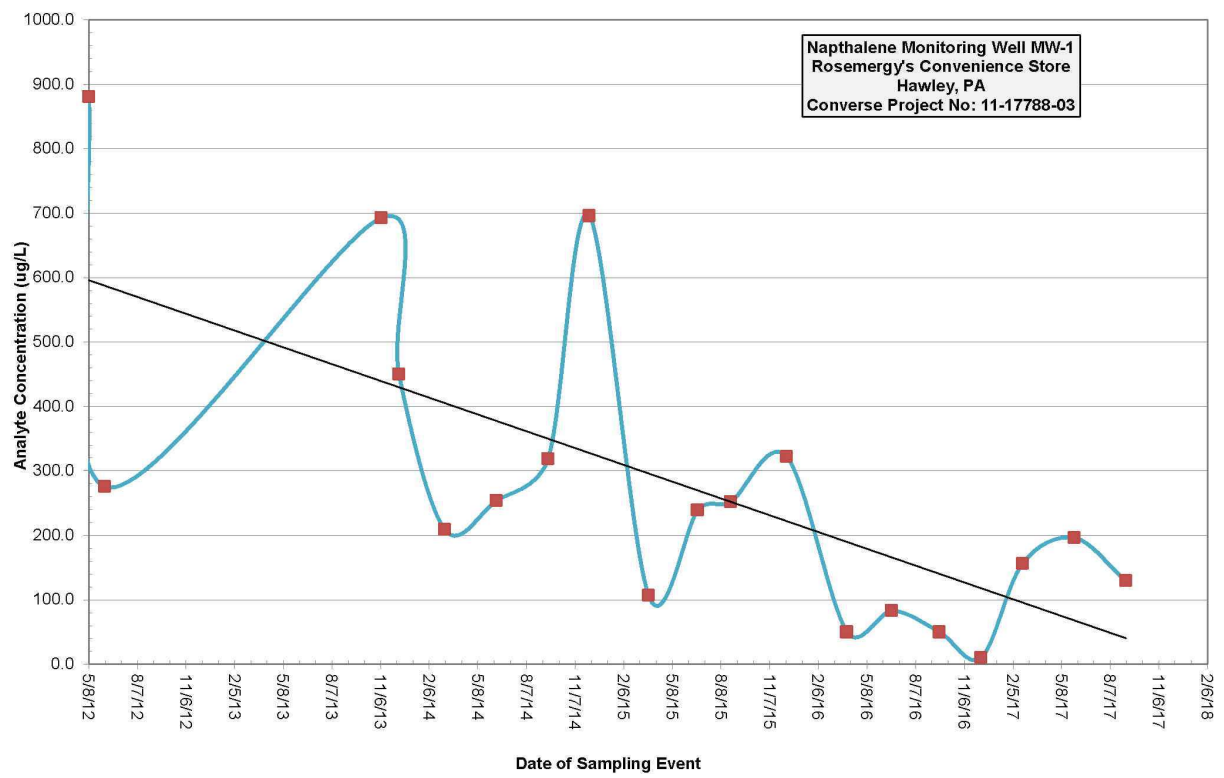


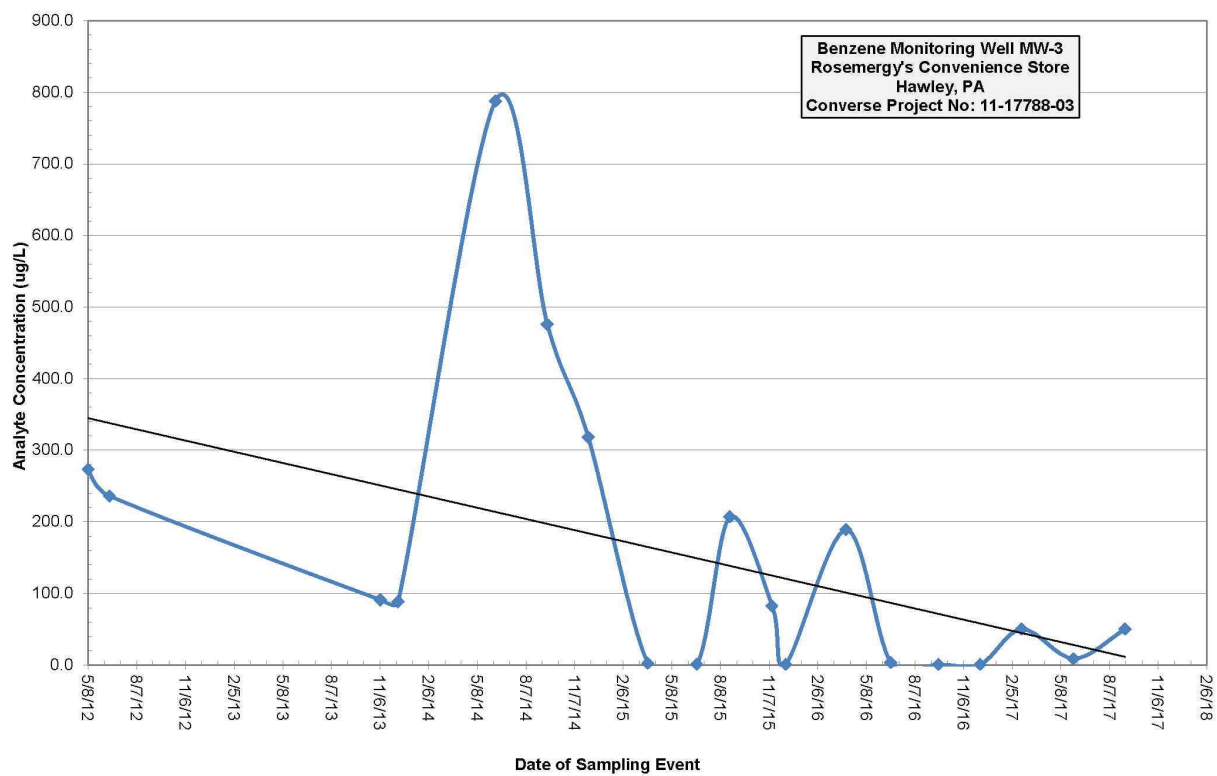


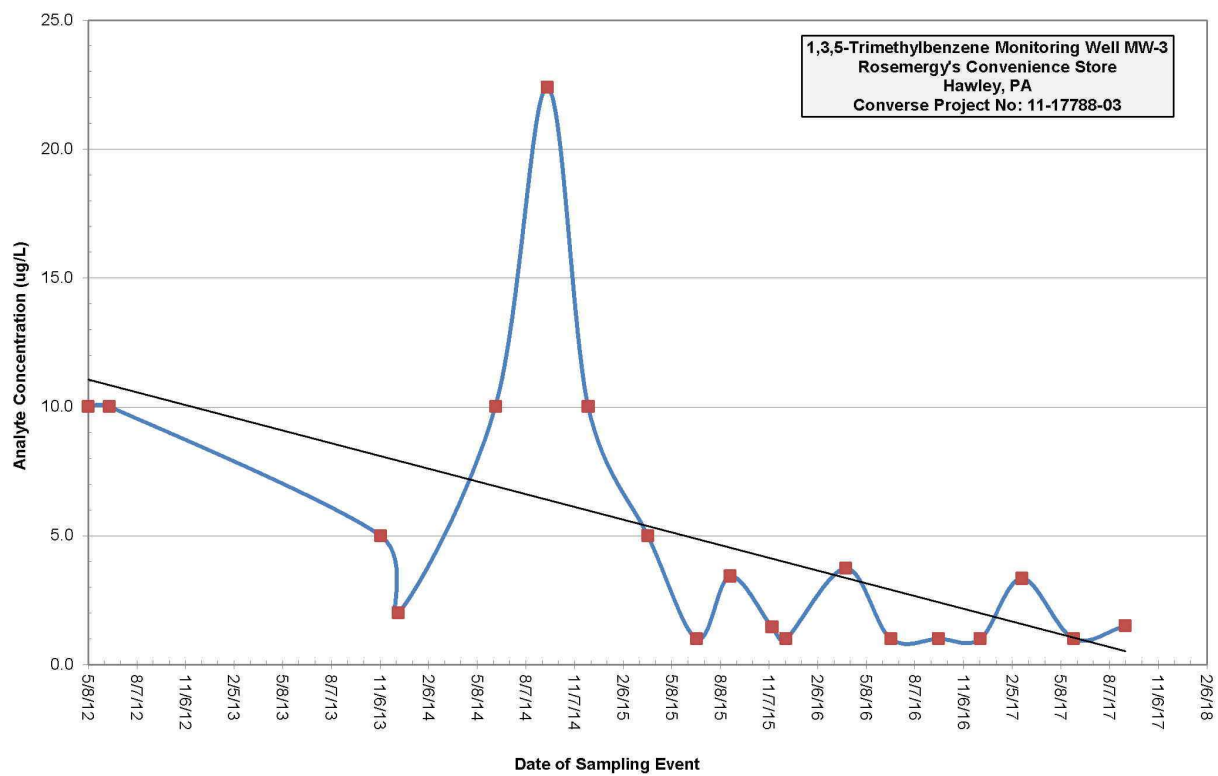




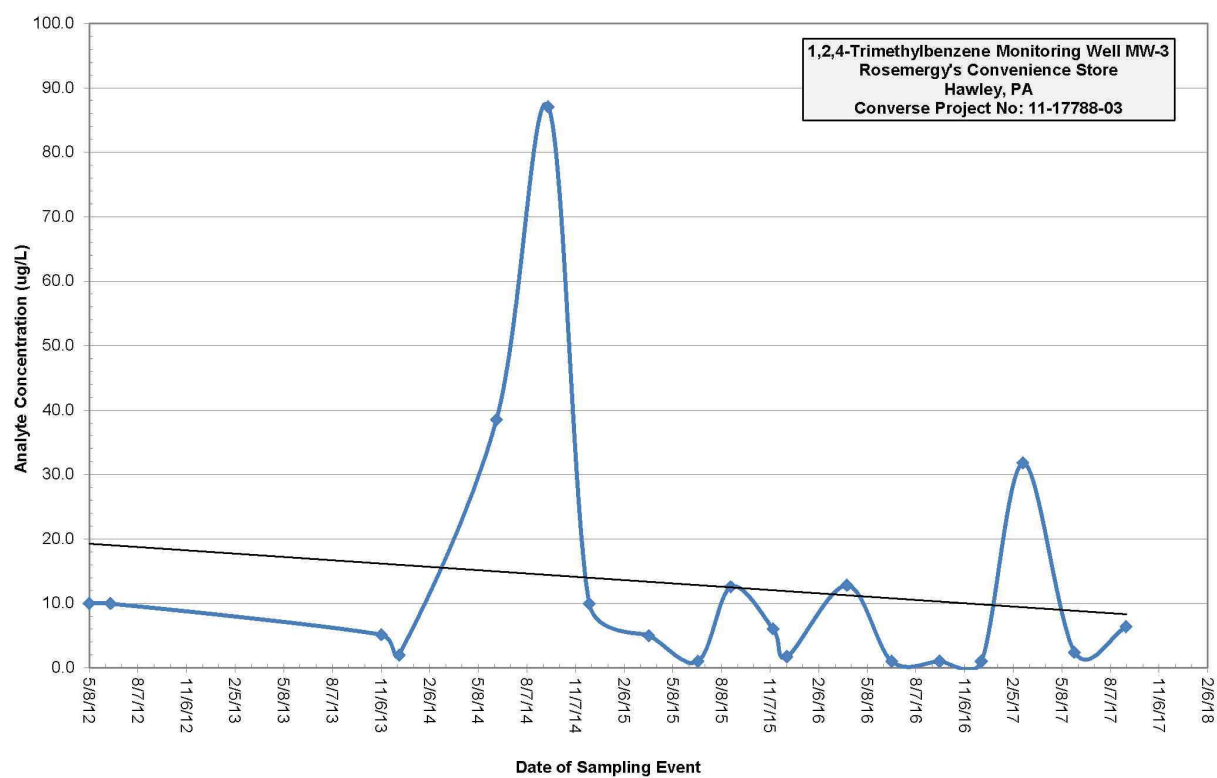


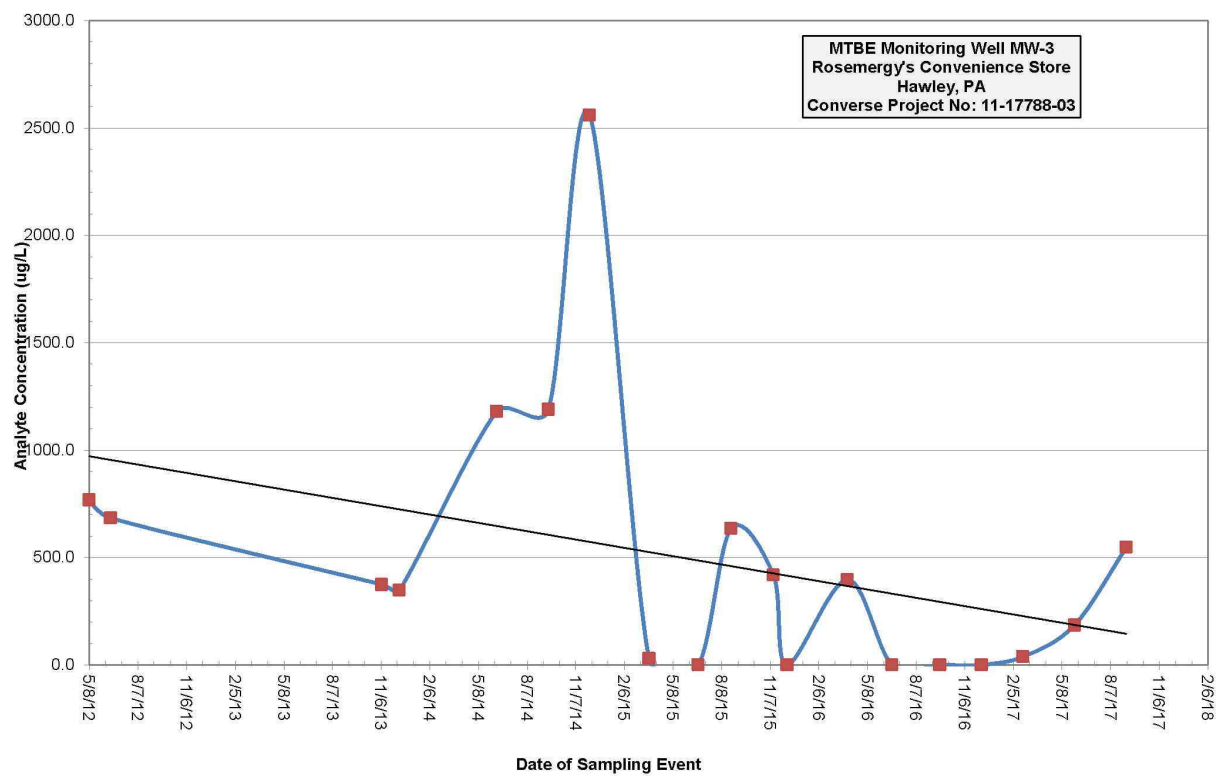


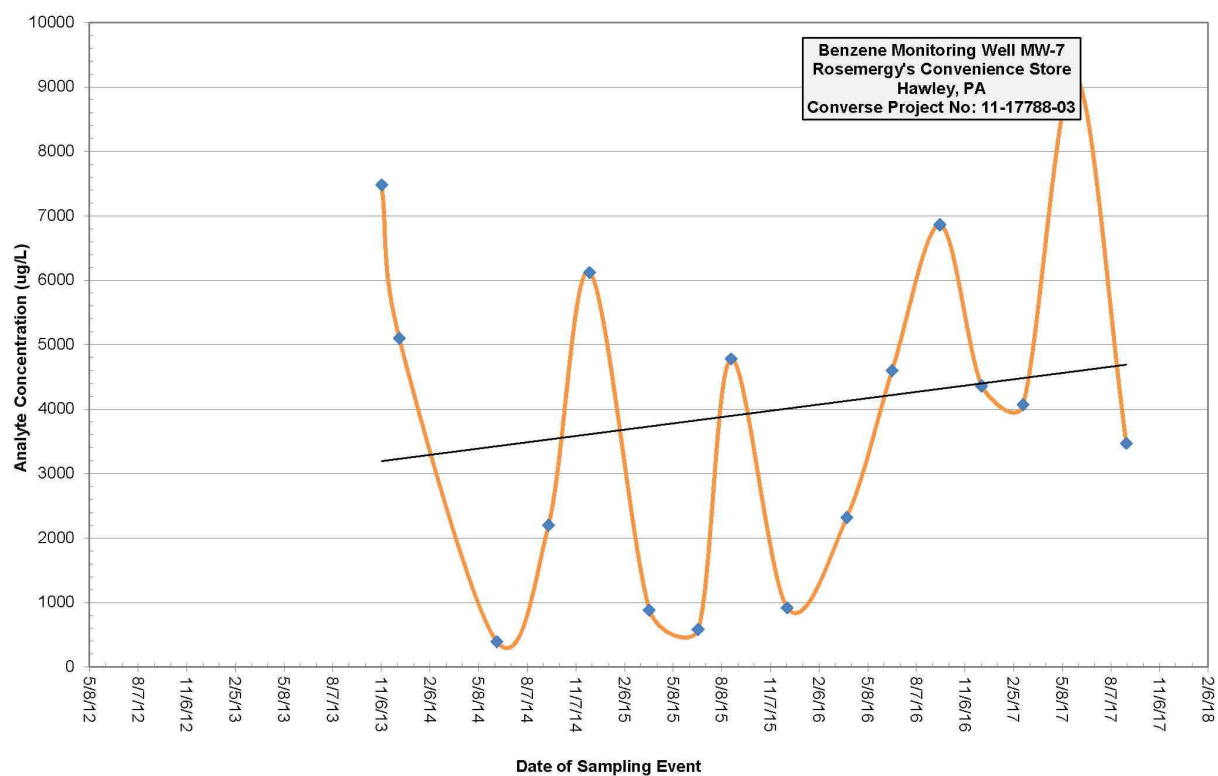


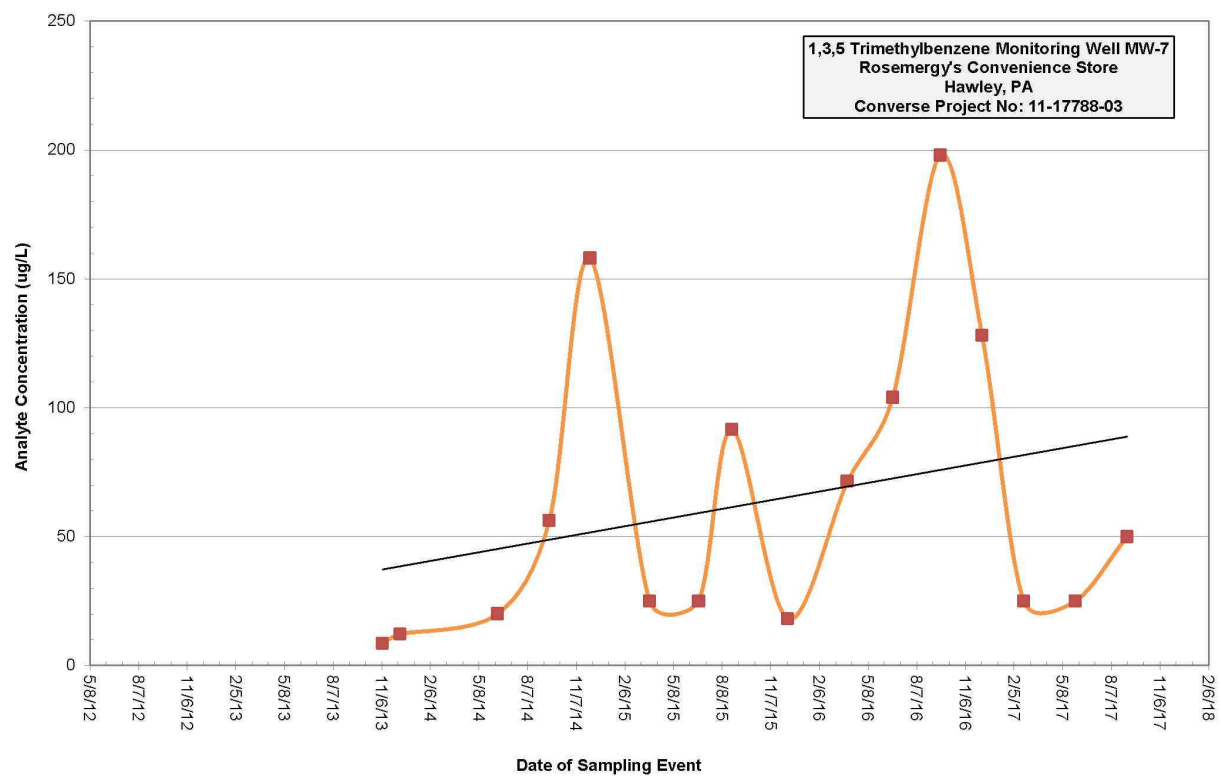


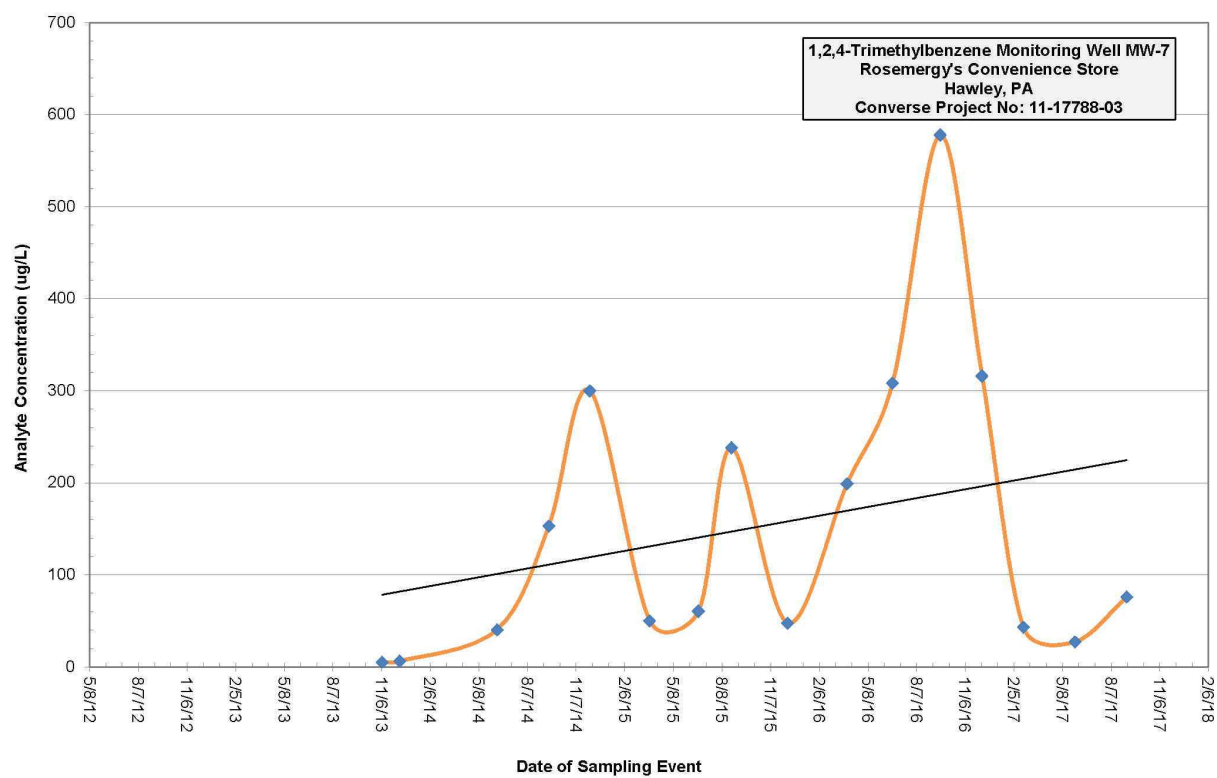


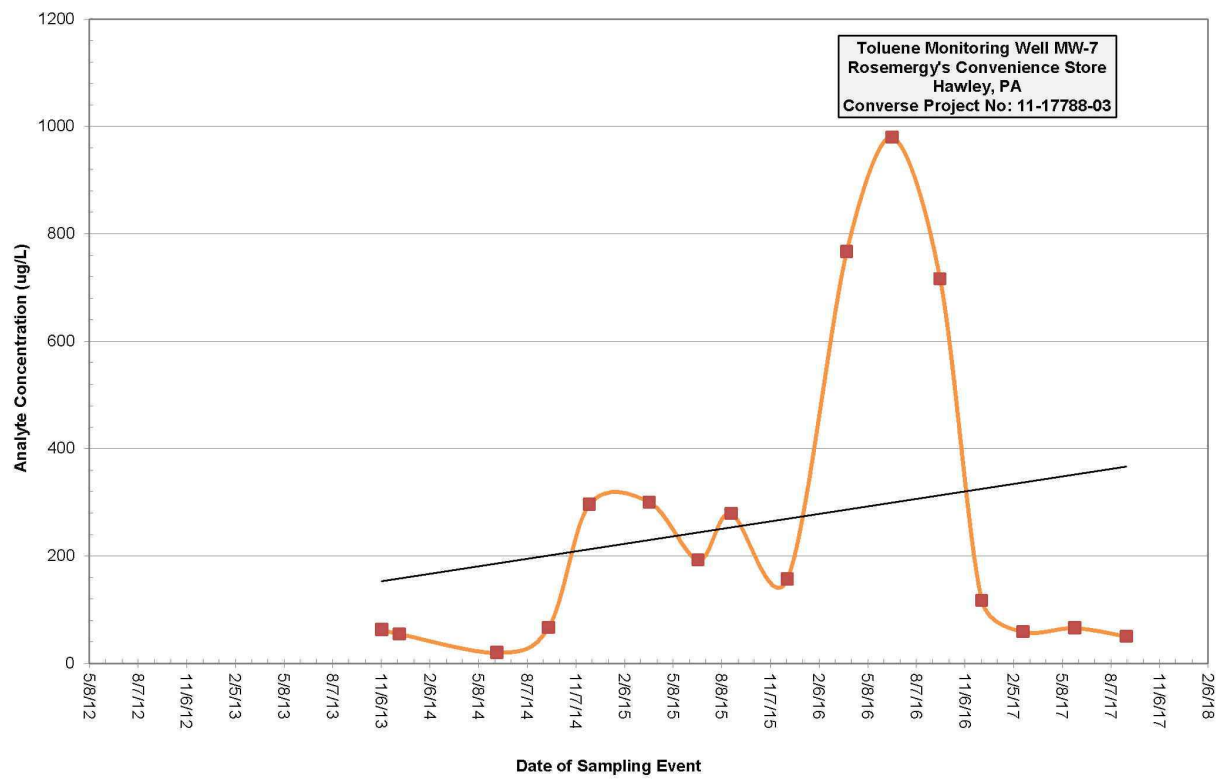


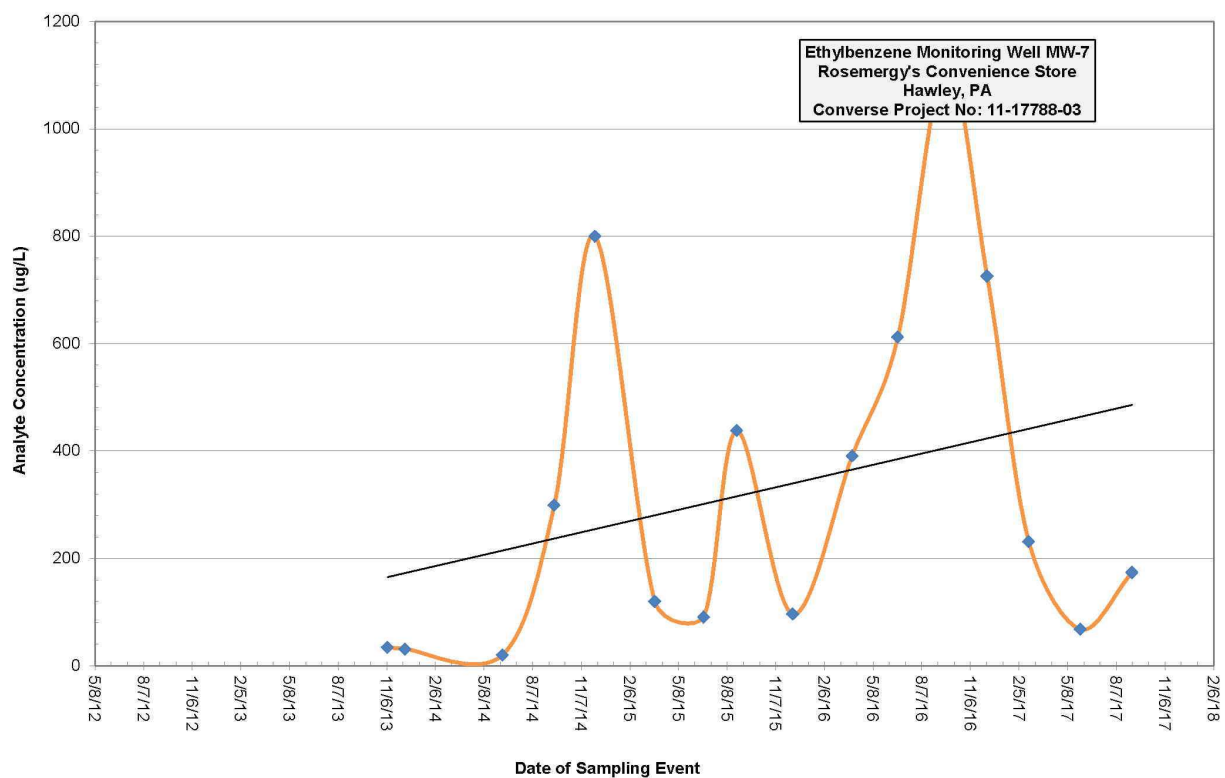


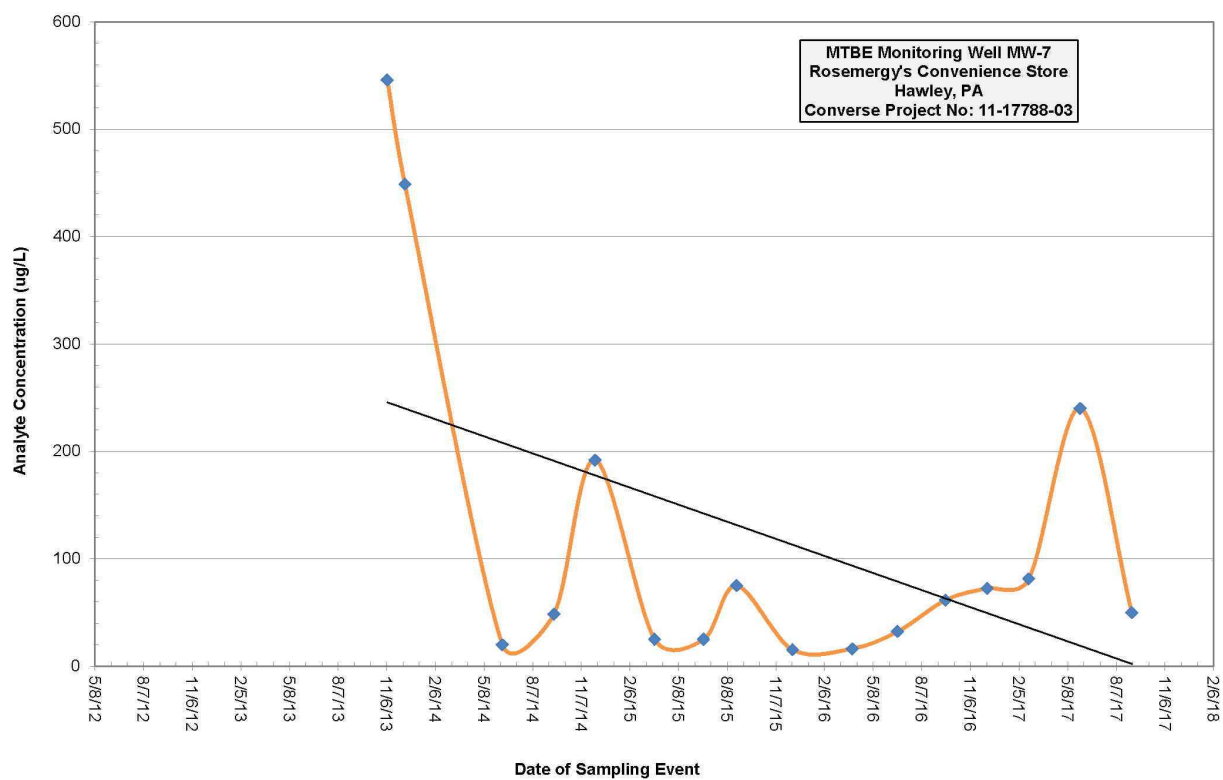




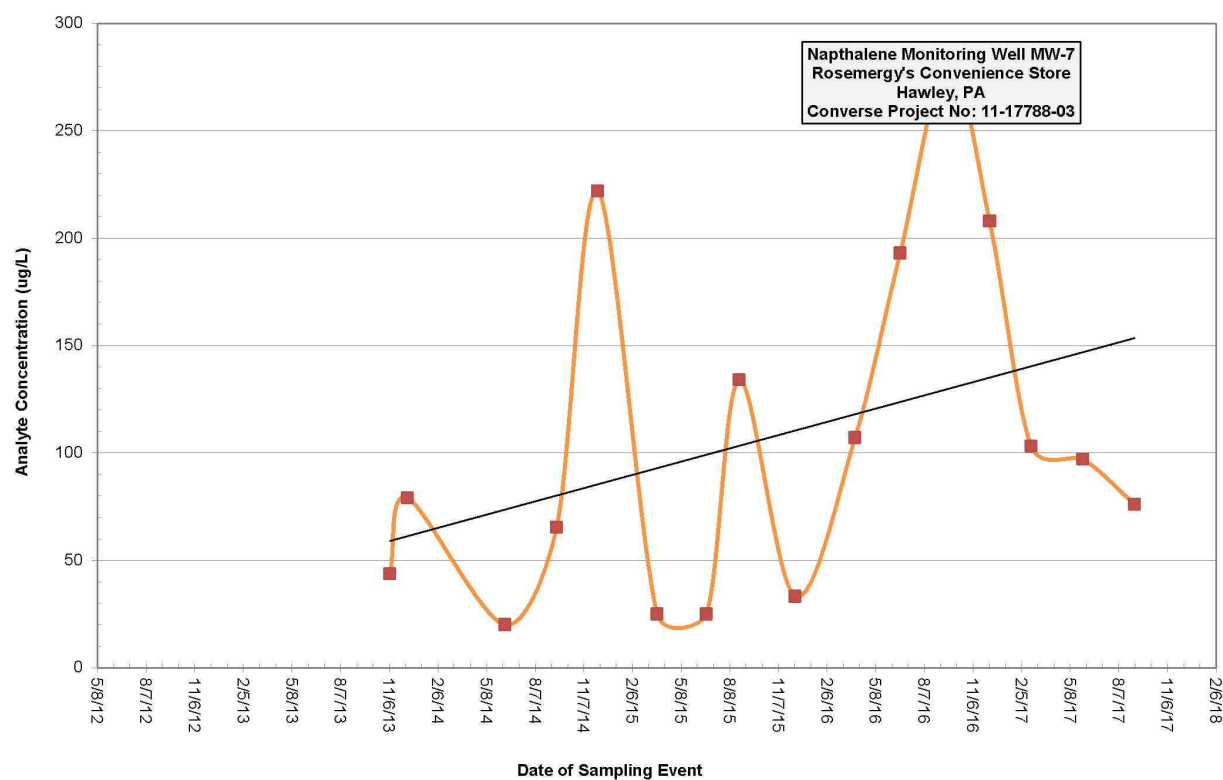


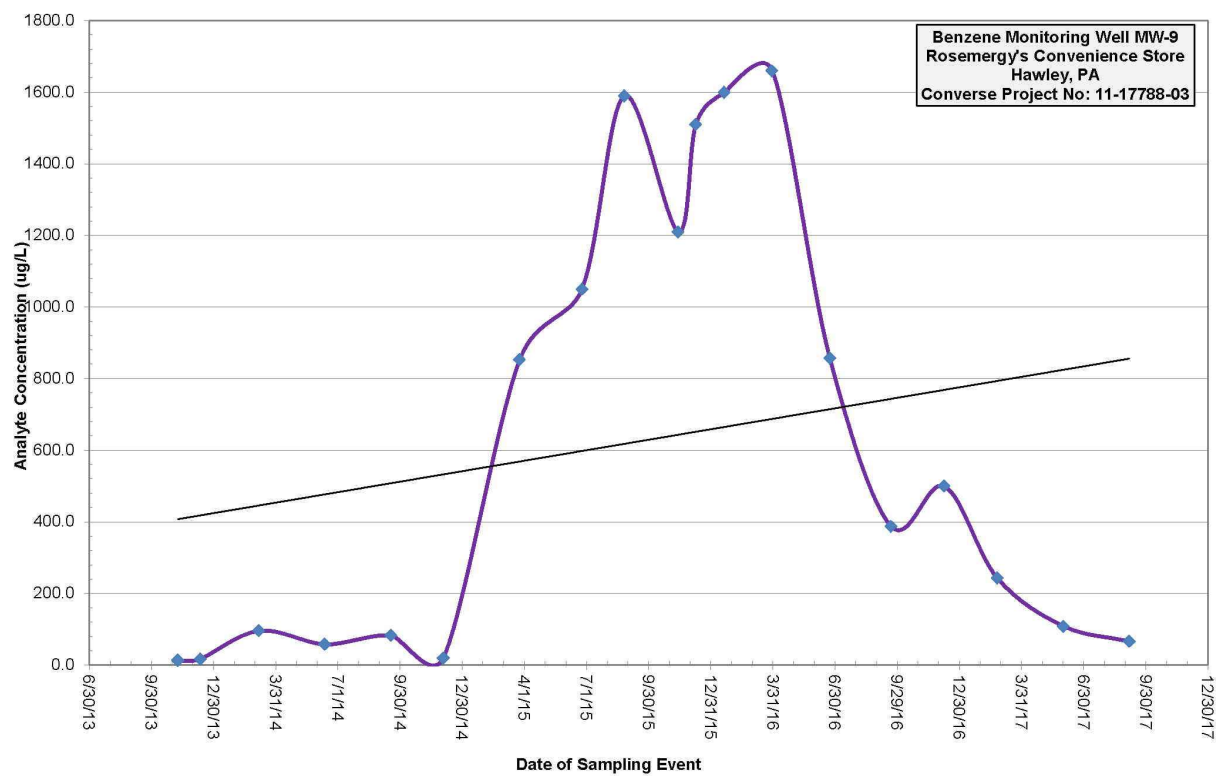


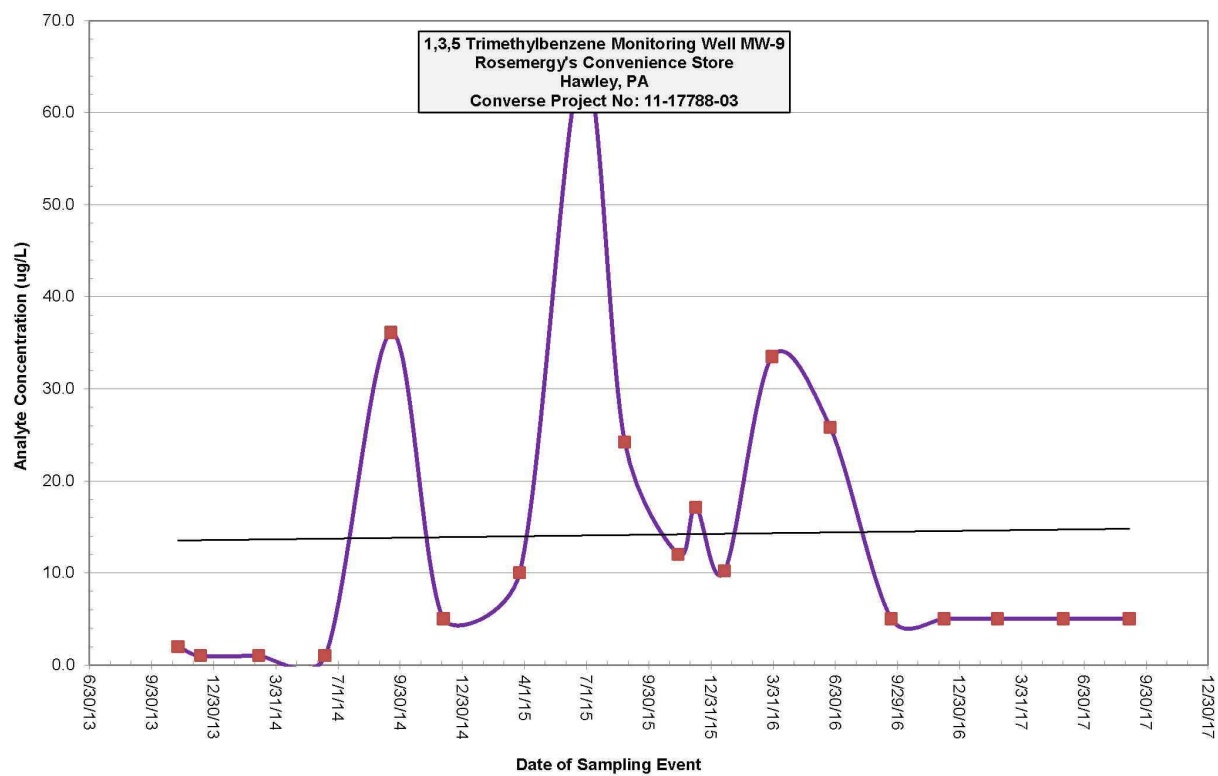


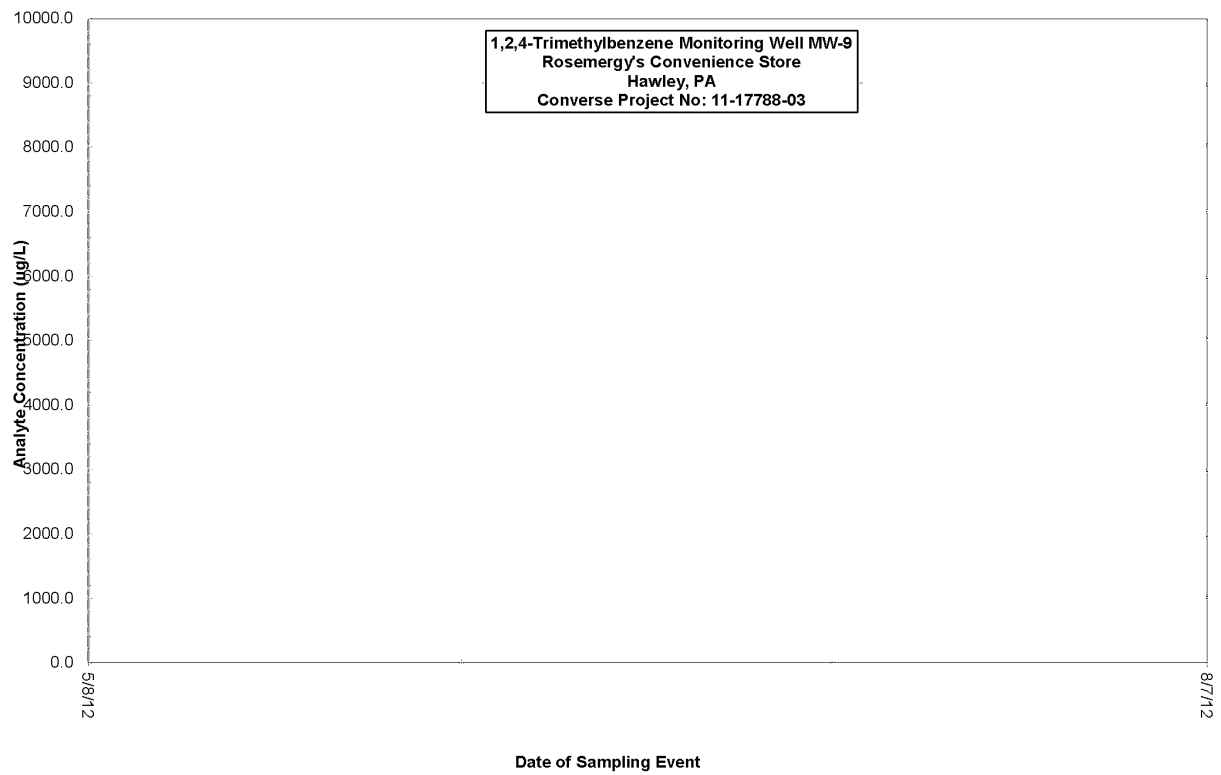


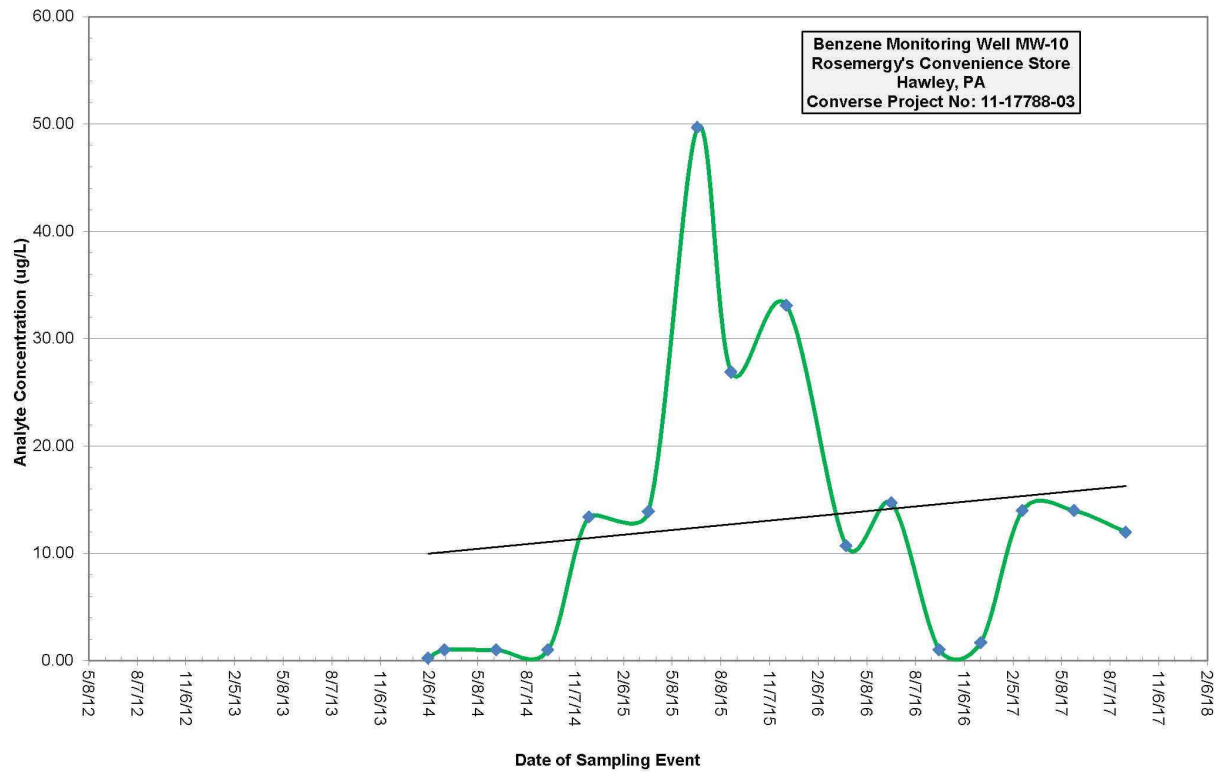


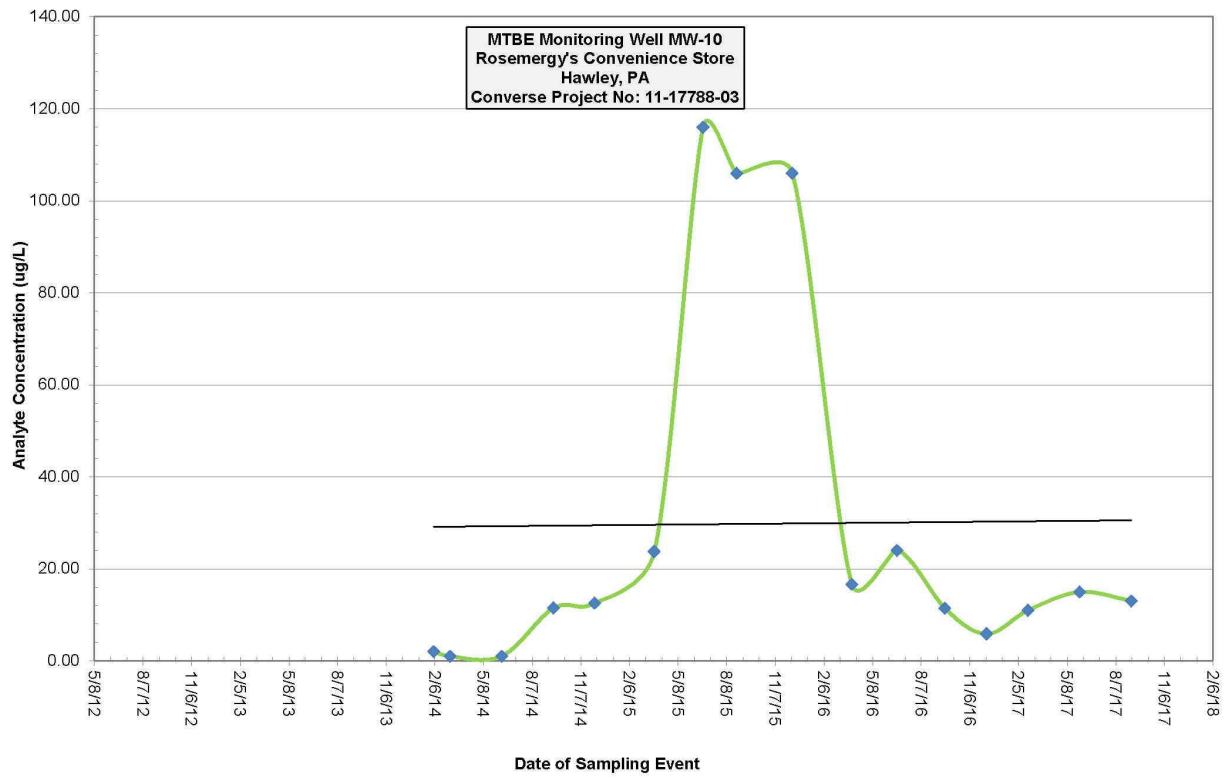












## APPENDIX C



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



www.fairwaylaboratories.com

State Certifications: MD 275, WV 364

Converse

2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 6

**Reported:**

08/03/17 09:53

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
PRE CARBON	7G26059-01	Water	Grab	07/25/17 11:40	07/26/17 15:34
BETWEEN CARBON	7G26059-02	Water	Grab	07/25/17 11:42	07/26/17 15:34
POST CARBON	7G26059-03	Water	Grab	07/25/17 11:44	07/26/17 15:34

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler  
Laboratory Director

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PaDEP: PA 41-04684



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State Certifications: MD 275, WV 364

Converse

Project: ROSEMERGY'S

2738 West College Avenue

Project Number: 11-17788-03

Reported:

State College PA, 16801

Collector: CLIENT

08/03/17 09:53

Project Manager: David Swetland

Number of Containers: 6

Client Sample ID: PRE CARBON

Date/Time Sampled: 07/25/17 11:40

Laboratory Sample ID: 7G26059-01 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	-------------------	-----------	------

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	6.70		5.00	ug/l	08/02/17 01:40	EPA 8260B	bag	
1,2,4-Trimethylbenzene	22.4		5.00	ug/l	08/02/17 01:40	EPA 8260B	bag	
Benzene	24.0		5.00	ug/l	08/02/17 01:40	EPA 8260B	bag	
Toluene	38.8		5.00	ug/l	08/02/17 01:40	EPA 8260B	bag	
Ethylbenzene	9.50		5.00	ug/l	08/02/17 01:40	EPA 8260B	bag	
Xylenes (total)	72.0		10.0	ug/l	08/02/17 01:40	EPA 8260B	bag	
Isopropylbenzene	<5.00		5.00	ug/l	08/02/17 01:40	EPA 8260B	bag	
Methyl tert-butyl ether	<5.00		5.00	ug/l	08/02/17 01:40	EPA 8260B	bag	
Naphthalene	23.5		5.00	ug/l	08/02/17 01:40	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	98.8 %		70-130		08/02/17 01:40	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	98.2 %		70-130		08/02/17 01:40	EPA 8260B	bag	
Surrogate: Fluorobenzene	100 %		70-130		08/02/17 01:40	EPA 8260B	bag	

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PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Converse  
2738 West College Avenue  
State College PA, 16801  
Project Manager: David Swetland

Project: ROSEMERGY'S  
Project Number: 11-17788-03  
Collector: CLIENT  
Number of Containers: 6

**Reported:**  
08/03/17 09:53

**Client Sample ID: BETWEEN CARBON**

**Date/Time Sampled: 07/25/17 11:42**

**Laboratory Sample ID: 7G26059-02 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	1.02		1.00	ug/l	07/28/17 05:09	EPA 8260B	bag	
1,2,4-Trimethylbenzene	1.72		1.00	ug/l	07/28/17 05:09	EPA 8260B	bag	
Benzene	1.29		1.00	ug/l	07/28/17 05:09	EPA 8260B	bag	
Toluene	1.97		1.00	ug/l	07/28/17 05:09	EPA 8260B	bag	
Ethylbenzene	<1.00		1.00	ug/l	07/28/17 05:09	EPA 8260B	bag	
Xylenes (total)	7.49		2.00	ug/l	07/28/17 05:09	EPA 8260B	bag	
Isopropylbenzene	<1.00		1.00	ug/l	07/28/17 05:09	EPA 8260B	bag	
Methyl tert-butyl ether	<1.00		1.00	ug/l	07/28/17 05:09	EPA 8260B	bag	
Naphthalene	<1.00		1.00	ug/l	07/28/17 05:09	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	100 %		70-130		07/28/17 05:09	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	105 %		70-130		07/28/17 05:09	EPA 8260B	bag	
Surrogate: Fluorobenzene	102 %		70-130		07/28/17 05:09	EPA 8260B	bag	

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Converse

2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 6

**Reported:**

08/03/17 09:53

**Client Sample ID: POST CARBON**

**Date/Time Sampled: 07/25/17 11:44**

**Laboratory Sample ID: 7G26059-03 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	07/28/17 05:48	EPA 8260B	bag	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	07/28/17 05:48	EPA 8260B	bag	
Benzene	<1.00		1.00	ug/l	07/28/17 05:48	EPA 8260B	bag	
Toluene	<1.00		1.00	ug/l	07/28/17 05:48	EPA 8260B	bag	
Ethylbenzene	<1.00		1.00	ug/l	07/28/17 05:48	EPA 8260B	bag	
Xylenes (total)	<2.00		2.00	ug/l	07/28/17 05:48	EPA 8260B	bag	
Isopropylbenzene	<1.00		1.00	ug/l	07/28/17 05:48	EPA 8260B	bag	
Methyl tert-butyl ether	<1.00		1.00	ug/l	07/28/17 05:48	EPA 8260B	bag	
Naphthalene	<1.00		1.00	ug/l	07/28/17 05:48	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	101 %		70-130		07/28/17 05:48	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	109 %		70-130		07/28/17 05:48	EPA 8260B	bag	
Surrogate: Fluorobenzene	105 %		70-130		07/28/17 05:48	EPA 8260B	bag	

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2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 6

**Reported:**

08/03/17 09:53

### 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.

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.

# 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; and should be considered as analyzed outside the EPA holding time.

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

\* G indicates analysis performed by Fairway Laboratories, Inc. at the Greensburg location PaDEP: 65-00392. 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.



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Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 6

Reported:

08/03/17 09:53

#### 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.

Fairway Laboratories, Inc.

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$10f_2$ 

Page 7 of 7

1/92

DISTRIBUTION: WHITE—WITH SHIPMENT TO LAB. CANARY—CONVERSE. PINK—RETAINED BY FIELD REP.



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Converse

2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: [none]

Collector: CLIENT

Number of Containers: 6

**Reported:**

08/21/17 09:32

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
PRE CARBON	7H15039-01	Water	Grab	08/12/17 10:28	08/15/17 13:45
BETWEEN CARBON	7H15039-02	Water	Grab	08/12/17 10:30	08/15/17 13:45
AFTER CARBON	7H15039-03	Water	Grab	08/12/17 10:35	08/15/17 13:45

Refer to receiving document. CB

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler  
Laboratory Director

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*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.*





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



www.fairwaylaboratories.com

State Certifications: MD 275, WV 364

Converse

2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: [none]

Collector: CLIENT

Number of Containers: 6

Reported:

08/21/17 09:32

Client Sample ID: PRE CARBON

Date/Time Sampled: 08/12/17 10:28

Laboratory Sample ID: 7H15039-01 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	-------------------	-----------	------

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	28.0		1.00	ug/l	08/17/17 10:05	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	65.4		1.00	ug/l	08/17/17 10:05	EPA 8260B	mtc	
Benzene	19.3		1.00	ug/l	08/17/17 10:05	EPA 8260B	mtc	
Toluene	33.3		1.00	ug/l	08/17/17 10:05	EPA 8260B	mtc	
Ethylbenzene	13.1		1.00	ug/l	08/17/17 10:05	EPA 8260B	mtc	
Xylenes (total)	138		2.00	ug/l	08/17/17 10:05	EPA 8260B	mtc	
Isopropylbenzene	5.56		1.00	ug/l	08/17/17 10:05	EPA 8260B	mtc	
Methyl tert-butyl ether	<1.00		1.00	ug/l	08/17/17 10:05	EPA 8260B	mtc	
Naphthalene	15.9		1.00	ug/l	08/17/17 10:05	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	97.3 %		70-130		08/17/17 10:05	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	89.2 %		70-130		08/17/17 10:05	EPA 8260B	mtc	
Surrogate: Fluorobenzene	93.7 %		70-130		08/17/17 10:05	EPA 8260B	mtc	

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State Certifications: MD 275, WV 364

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Converse

2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: [none]

Collector: CLIENT

Number of Containers: 6

**Reported:**

08/21/17 09:32

**Client Sample ID: BETWEEN CARBON**

**Date/Time Sampled: 08/12/17 10:30**

**Laboratory Sample ID: 7H15039-02 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	3.37		1.00	ug/l	08/17/17 23:38	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	2.46		1.00	ug/l	08/17/17 23:38	EPA 8260B	mtc	
Benzene	<1.00		1.00	ug/l	08/17/17 23:38	EPA 8260B	mtc	
Toluene	<1.00		1.00	ug/l	08/17/17 23:38	EPA 8260B	mtc	
Ethylbenzene	<1.00		1.00	ug/l	08/17/17 23:38	EPA 8260B	mtc	
Xylenes (total)	9.16		2.00	ug/l	08/17/17 23:38	EPA 8260B	mtc	
Isopropylbenzene	<1.00		1.00	ug/l	08/17/17 23:38	EPA 8260B	mtc	
Methyl tert-butyl ether	<1.00		1.00	ug/l	08/17/17 23:38	EPA 8260B	mtc	
Naphthalene	<1.00		1.00	ug/l	08/17/17 23:38	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	100 %		70-130		08/17/17 23:38	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	88.4 %		70-130		08/17/17 23:38	EPA 8260B	mtc	
Surrogate: Fluorobenzene	96.3 %		70-130		08/17/17 23:38	EPA 8260B	mtc	

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2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: [none]

Collector: CLIENT

Number of Containers: 6

**Reported:**

08/21/17 09:32

**Client Sample ID: AFTER CARBON**

**Date/Time Sampled: 08/12/17 10:35**

**Laboratory Sample ID: 7H15039-03 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	-------------------	-----------	------

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	08/18/17 00:53	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	08/18/17 00:53	EPA 8260B	mtc	
Benzene	<1.00		1.00	ug/l	08/18/17 00:53	EPA 8260B	mtc	
Toluene	<1.00		1.00	ug/l	08/18/17 00:53	EPA 8260B	mtc	
Ethylbenzene	<1.00		1.00	ug/l	08/18/17 00:53	EPA 8260B	mtc	
Xylenes (total)	<2.00		2.00	ug/l	08/18/17 00:53	EPA 8260B	mtc	
Isopropylbenzene	<1.00		1.00	ug/l	08/18/17 00:53	EPA 8260B	mtc	
Methyl tert-butyl ether	<1.00		1.00	ug/l	08/18/17 00:53	EPA 8260B	mtc	
Naphthalene	<1.00		1.00	ug/l	08/18/17 00:53	EPA 8260B	mtc	I
Surrogate: 4-Bromofluorobenzene	97.3 %		70-130		08/18/17 00:53	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	84.8 %		70-130		08/18/17 00:53	EPA 8260B	mtc	
Surrogate: Fluorobenzene	94.2 %		70-130		08/18/17 00:53	EPA 8260B	mtc	

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2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: [none]

Collector: CLIENT

Number of Containers: 6

**Reported:**

08/21/17 09:32

### Notes

- I The spike recovery was below the acceptance range for the Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) sample analyzed with the preparation batch.

### 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.

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.

- # 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; and should be considered as analyzed outside the EPA holding time.

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

- \* G indicates analysis performed by Fairway Laboratories, Inc. at the Greensburg location PaDEP: 65-00392. 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.

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State Certifications: MD 275, WV 364

Converse

Project: ROSEMERGY'S

2738 West College Avenue

Project Number: [none]

Reported:

State College PA, 16801

Collector: CLIENT

08/21/17 09:32

Project Manager: David Swetland

Number of Containers: 6

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

Environmental Laboratory

2019 9th Ave.  
P.O. Box 1925  
Altoona, PA 16602  
Phone: (814) 946-4306  
Fax: (814) 946-8791

Client Page # 1 of 1

Page 7 of 8

[illegible]

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

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

## Chain of Custody Receiving Document

Receiver: BBPage 2 of 2Date/Time of this check: 8-15-17 1405 Client: CONVERSE CONS. Lab # 7415639Received on ICE? y ☐ \* Sample Temperature when delivered to the Lab: 0 Acceptable? y ☐ \* or In cool down process? ☐ \*  
\*(Not applicable for WV compliance)\*Custody Seals? N Intact? —COC/Labels on bottles agree? N ☐ \* Correct containers for all the analysis requested? y ☐ \* Matrix: water

COC/Labels on bottles agree: <b>A</b>											
COC #	Number and Type of BOTTLES									Comments	
	Poly Non-Pres.	Poly H2SO4	Poly HNO3	Amber H2SO4	Amber Non-Pres.	Poly NaOH	VOCS (Head space?)	Other <div><input type="checkbox"/> *</div>	Properly Preserved <div><input type="checkbox"/> *</div>	Bacti	<div><input type="checkbox"/> *</div> Internal notification completed for deviations.
<b>PRE</b>							<b>2 HCl</b>		<b>NA</b>		
<b>BETW</b>							↓		↓		
<b>AFTER</b>											
										</	

## \* DEVIATION PRESENT:

- ☒ No Ice ( )  
☒ Not at Proper Temperature ( )  
☒ Wrong Container ( )  
☒ Missing Information: X

## CLIENT CALLED:

YES ( )

By Whom: \_\_\_\_\_

Date: \_\_\_\_\_

## CLIENT RESPONSE:

- Proceed with analysis; qualify data ( )  
 Will Resample ( )  
 Provided Information ( )  
 No Response; Proceed and qualified ( )

Client Contact: \_\_\_\_\_ Date: \_\_\_\_\_

\* Comments: NO TIMES ON COC - REFERRED TO BOTTLES FOR TIMES: PRE CARBON 10:28,  
BETWEEN CARBON 10:30, AFTER CARBON 10:35



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PaDEP: PA 41-04684



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State Certifications: MD 275, WV 364

Converse

Project: ROSEMERGY'S

2738 West College Avenue

Project Number: 11-17788-03

**Reported:**

State College PA, 16801

Collector: CLIENT

09/18/17 08:20

Project Manager: David Swetland

Number of Containers: 42

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW-1R	7I08116-01	Water	Grab	09/07/17 11:13	09/08/17 14:15
MW-2	7I08116-02	Water	Grab	09/07/17 09:50	09/08/17 14:15
MW-3	7I08116-03	Water	Grab	09/07/17 10:06	09/08/17 14:15
MW-4	7I08116-04	Water	Grab	09/07/17 12:15	09/08/17 14:15
MW-5	7I08116-05	Water	Grab	09/07/17 09:28	09/08/17 14:15
MW-7	7I08116-06	Water	Grab	09/07/17 12:50	09/08/17 14:15
MW-8	7I08116-07	Water	Grab	09/07/17 13:55	09/08/17 14:15
MW-9	7I08116-08	Water	Grab	09/07/17 14:18	09/08/17 14:15
MW-10	7I08116-09	Water	Grab	09/06/17 14:21	09/08/17 14:15
MW-11	7I08116-10	Water	Grab	09/06/17 13:58	09/08/17 14:15
MW-12	7I08116-11	Water	Grab	09/07/17 10:40	09/08/17 14:15
MW-13	7I08116-12	Water	Grab	09/07/17 13:12	09/08/17 14:15
MW-14	7I08116-13	Water	Grab	09/06/17 16:49	09/08/17 14:15
MW-15	7I08116-14	Water	Grab	09/06/17 15:59	09/08/17 14:15
MW-16	7I08116-15	Water	Grab	09/07/17 11:51	09/08/17 14:15
MW-17	7I08116-16	Water	Grab	09/06/17 15:12	09/08/17 14:15
MW-18	7I08116-17	Water	Grab	09/06/17 17:15	09/08/17 14:15
MW-19	7I08116-18	Water	Grab	09/07/17 13:25	09/08/17 14:15

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler  
Laboratory Director

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Converse

2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

**Reported:**

09/18/17 08:20

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW-20	7I08116-19	Water	Grab	09/06/17 13:21	09/08/17 14:15
MW-21	7I08116-20	Water	Grab	09/06/17 12:31	09/08/17 14:15
MW-22	7I08116-21	Water	Grab	09/06/17 12:51	09/08/17 14:15

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State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

**Reported:**

09/18/17 08:20

**Client Sample ID:** MW-1R

**Date/Time Sampled:** 09/07/17 11:13

**Laboratory Sample ID:** 7108116-01 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
---------	--------	-----	----	-------	-------------------------	----------------------	--------------	------

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	132		50.0	ug/l	09/12/17 22:47	EPA 8260B	MTC	
1,2,4-Trimethylbenzene	449		50.0	ug/l	09/12/17 22:47	EPA 8260B	MTC	
Benzene	1970		50.0	ug/l	09/12/17 22:47	EPA 8260B	MTC	
Toluene	1800		50.0	ug/l	09/12/17 22:47	EPA 8260B	MTC	
Ethylbenzene	672		50.0	ug/l	09/12/17 22:47	EPA 8260B	MTC	
Xylenes (total)	2830		100	ug/l	09/12/17 22:47	EPA 8260B	MTC	
Isopropylbenzene	83.0		50.0	ug/l	09/12/17 22:47	EPA 8260B	MTC	
Methyl tert-butyl ether	83.5		50.0	ug/l	09/12/17 22:47	EPA 8260B	MTC	
Naphthalene	130		50.0	ug/l	09/12/17 22:47	EPA 8260B	MTC	
Surrogate: 4-Bromofluorobenzene	96.8 %		70-130		09/12/17 22:47	EPA 8260B	MTC	
Surrogate: 1,2-Dichloroethane-d4	95.3 %		70-130		09/12/17 22:47	EPA 8260B	MTC	
Surrogate: Fluorobenzene	102 %		70-130		09/12/17 22:47	EPA 8260B	MTC	

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State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

**Reported:**

09/18/17 08:20

**Client Sample ID:** MW-2

**Date/Time Sampled:** 09/07/17 09:50

**Laboratory Sample ID:** 7108116-02 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	-------------------	-----------	------

**Volatile Organic Compounds by EPA Method 8260B**

Q

1,3,5-Trimethylbenzene	10.5		5.00	ug/l	09/15/17 01:45	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	69.6		5.00	ug/l	09/15/17 01:45	EPA 8260B	mtc	
Benzene	17.2		5.00	ug/l	09/15/17 01:45	EPA 8260B	mtc	
Toluene	43.0		5.00	ug/l	09/15/17 01:45	EPA 8260B	mtc	
Ethylbenzene	67.9		5.00	ug/l	09/15/17 01:45	EPA 8260B	mtc	
Xylenes (total)	83.4		10.0	ug/l	09/15/17 01:45	EPA 8260B	mtc	
Isopropylbenzene	20.2		5.00	ug/l	09/15/17 01:45	EPA 8260B	mtc	
Methyl tert-butyl ether	<5.00		5.00	ug/l	09/15/17 01:45	EPA 8260B	mtc	
Naphthalene	13.0		5.00	ug/l	09/15/17 01:45	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	96.1 %		70-130		09/15/17 01:45	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	94.8 %		70-130		09/15/17 01:45	EPA 8260B	mtc	
Surrogate: Fluorobenzene	101 %		70-130		09/15/17 01:45	EPA 8260B	mtc	

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PaDEP: PA 41-04684



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State Certifications: MD 275, WV 364

Converse

2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

**Reported:**

09/18/17 08:20

**Client Sample ID:** MW-3

**Date/Time Sampled:** 09/07/17 10:06

**Laboratory Sample ID:** 7108116-03 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	1.52		1.00	ug/l	09/13/17 00:18	EPA 8260B	MTC	
1,2,4-Trimethylbenzene	6.37		1.00	ug/l	09/13/17 00:18	EPA 8260B	MTC	
Benzene	50.2		1.00	ug/l	09/13/17 00:18	EPA 8260B	MTC	
Toluene	8.32		1.00	ug/l	09/13/17 00:18	EPA 8260B	MTC	
Ethylbenzene	14.0		1.00	ug/l	09/13/17 00:18	EPA 8260B	MTC	
Xylenes (total)	25.9		2.00	ug/l	09/13/17 00:18	EPA 8260B	MTC	
Isopropylbenzene	9.95		1.00	ug/l	09/13/17 00:18	EPA 8260B	MTC	
Methyl tert-butyl ether	549		10.0	ug/l	09/12/17 22:17	EPA 8260B	MTC	
Naphthalene	1.87		1.00	ug/l	09/13/17 00:18	EPA 8260B	MTC	
Surrogate: 4-Bromofluorobenzene	96.9 %		70-130		09/13/17 00:18	EPA 8260B	MTC	
Surrogate: 1,2-Dichloroethane-d4	96.1 %		70-130		09/13/17 00:18	EPA 8260B	MTC	
Surrogate: Fluorobenzene	102 %		70-130		09/13/17 00:18	EPA 8260B	MTC	

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Converse  
2738 West College Avenue  
State College PA, 16801  
Project Manager: David Swetland

Project: ROSEMERGY'S  
Project Number: 11-17788-03  
Collector: CLIENT  
Number of Containers: 42  
Reported: 09/18/17 08:20

Client Sample ID: MW-4

Date/Time Sampled: 09/07/17 12:15

Laboratory Sample ID: 7108116-04 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/14/17 22:01	EPA 8260B	bag	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/14/17 22:01	EPA 8260B	bag	
Benzene	<1.00		1.00	ug/l	09/14/17 22:01	EPA 8260B	bag	
Toluene	<1.00		1.00	ug/l	09/14/17 22:01	EPA 8260B	bag	
Ethylbenzene	<1.00		1.00	ug/l	09/14/17 22:01	EPA 8260B	bag	
Xylenes (total)	<2.00		2.00	ug/l	09/14/17 22:01	EPA 8260B	bag	
Isopropylbenzene	<1.00		1.00	ug/l	09/14/17 22:01	EPA 8260B	bag	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/14/17 22:01	EPA 8260B	bag	
Naphthalene	<1.00		1.00	ug/l	09/14/17 22:01	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	105 %		70-130		09/14/17 22:01	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	114 %		70-130		09/14/17 22:01	EPA 8260B	bag	
Surrogate: Fluorobenzene	108 %		70-130		09/14/17 22:01	EPA 8260B	bag	

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Converse

2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

Reported:

09/18/17 08:20

Client Sample ID: MW-5

Date/Time Sampled: 09/07/17 09:28

Laboratory Sample ID: 7108116-05 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	395		50.0	ug/l	09/12/17 23:17	EPA 8260B	MTC	
1,2,4-Trimethylbenzene	1600		50.0	ug/l	09/12/17 23:17	EPA 8260B	MTC	
Benzene	502		50.0	ug/l	09/12/17 23:17	EPA 8260B	MTC	
Toluene	4840		50.0	ug/l	09/12/17 23:17	EPA 8260B	MTC	
Ethylbenzene	2360		50.0	ug/l	09/12/17 23:17	EPA 8260B	MTC	
Xylenes (total)	10400		100	ug/l	09/12/17 23:17	EPA 8260B	MTC	
Isopropylbenzene	162		50.0	ug/l	09/12/17 23:17	EPA 8260B	MTC	
Methyl tert-butyl ether	<50.0		50.0	ug/l	09/12/17 23:17	EPA 8260B	MTC	
Naphthalene	461		50.0	ug/l	09/12/17 23:17	EPA 8260B	MTC	
Surrogate: 4-Bromofluorobenzene	100 %		70-130		09/12/17 23:17	EPA 8260B	MTC	
Surrogate: 1,2-Dichloroethane-d4	95.9 %		70-130		09/12/17 23:17	EPA 8260B	MTC	
Surrogate: Fluorobenzene	101 %		70-130		09/12/17 23:17	EPA 8260B	MTC	

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Project: ROSEMERGY'S

2738 West College Avenue

Project Number: 11-17788-03

Reported:

State College PA, 16801

Collector: CLIENT

09/18/17 08:20

Project Manager: David Swetland

Number of Containers: 42

Client Sample ID: MW-7

Date/Time Sampled: 09/07/17 12:50

Laboratory Sample ID: 7108116-06 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Q

1,3,5-Trimethylbenzene	<50.0		50.0	ug/l	09/14/17 13:40	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	76.0		50.0	ug/l	09/14/17 13:40	EPA 8260B	mtc	
Benzene	3470		50.0	ug/l	09/14/17 13:40	EPA 8260B	mtc	
Toluene	50.0		50.0	ug/l	09/14/17 13:40	EPA 8260B	mtc	
Ethylbenzene	174		50.0	ug/l	09/14/17 13:40	EPA 8260B	mtc	
Xylenes (total)	242		100	ug/l	09/14/17 13:40	EPA 8260B	mtc	
Isopropylbenzene	85.5		50.0	ug/l	09/14/17 13:40	EPA 8260B	mtc	
Methyl tert-butyl ether	<50.0		50.0	ug/l	09/14/17 13:40	EPA 8260B	mtc	
Naphthalene	76.0		50.0	ug/l	09/14/17 13:40	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	97.5 %		70-130		09/14/17 13:40	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	95.7 %		70-130		09/14/17 13:40	EPA 8260B	mtc	
Surrogate: Fluorobenzene	99.1 %		70-130		09/14/17 13:40	EPA 8260B	mtc	

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2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

**Reported:**

09/18/17 08:20

**Client Sample ID:** MW-8

**Date/Time Sampled:** 09/07/17 13:55

**Laboratory Sample ID:** 7108116-07 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/14/17 17:42	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/14/17 17:42	EPA 8260B	mtc	
Benzene	<1.00		1.00	ug/l	09/14/17 17:42	EPA 8260B	mtc	
Toluene	<1.00		1.00	ug/l	09/14/17 17:42	EPA 8260B	mtc	
Ethylbenzene	<1.00		1.00	ug/l	09/14/17 17:42	EPA 8260B	mtc	
Xylenes (total)	<2.00		2.00	ug/l	09/14/17 17:42	EPA 8260B	mtc	
Isopropylbenzene	<1.00		1.00	ug/l	09/14/17 17:42	EPA 8260B	mtc	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/14/17 17:42	EPA 8260B	mtc	
Naphthalene	<1.00		1.00	ug/l	09/14/17 17:42	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	94.2 %		70-130		09/14/17 17:42	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	94.4 %		70-130		09/14/17 17:42	EPA 8260B	mtc	
Surrogate: Fluorobenzene	99.8 %		70-130		09/14/17 17:42	EPA 8260B	mtc	

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Project Manager: David Swetland

Project: ROSEMERGY'S  
Project Number: 11-17788-03  
Collector: CLIENT  
Number of Containers: 42  
Reported: 09/18/17 08:20

Client Sample ID: MW-9

Date/Time Sampled: 09/07/17 14:18

Laboratory Sample ID: 7108116-08 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

Q

1,3,5-Trimethylbenzene	<5.00	5.00	ug/l	09/15/17 01:15	EPA 8260B	mtc
1,2,4-Trimethylbenzene	<5.00	5.00	ug/l	09/15/17 01:15	EPA 8260B	mtc
<b>Benzene</b>	65.6	5.00	ug/l	09/15/17 01:15	EPA 8260B	mtc
Toluene	<5.00	5.00	ug/l	09/15/17 01:15	EPA 8260B	mtc
Ethylbenzene	<5.00	5.00	ug/l	09/15/17 01:15	EPA 8260B	mtc
Xylenes (total)	<10.0	10.0	ug/l	09/15/17 01:15	EPA 8260B	mtc
<b>Isopropylbenzene</b>	8.00	5.00	ug/l	09/15/17 01:15	EPA 8260B	mtc
Methyl tert-butyl ether	<5.00	5.00	ug/l	09/15/17 01:15	EPA 8260B	mtc
Naphthalene	<5.00	5.00	ug/l	09/15/17 01:15	EPA 8260B	mtc
Surrogate: 4-Bromofluorobenzene	97.0 %	70-130		09/15/17 01:15	EPA 8260B	mtc
Surrogate: 1,2-Dichloroethane-d4	93.9 %	70-130		09/15/17 01:15	EPA 8260B	mtc
Surrogate: Fluorobenzene	97.4 %	70-130		09/15/17 01:15	EPA 8260B	mtc

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State College PA, 16801  
Project Manager: David Swetland

Project: ROSEMERGY'S  
Project Number: 11-17788-03  
Collector: CLIENT  
Number of Containers: 42  
Reported: 09/18/17 08:20

Client Sample ID: MW-10

Date/Time Sampled: 09/06/17 14:21

Laboratory Sample ID: 7108116-09 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/14/17 17:12	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/14/17 17:12	EPA 8260B	mtc	
<b>Benzene</b>	11.6		1.00	ug/l	09/14/17 17:12	EPA 8260B	mtc	
Toluene	<1.00		1.00	ug/l	09/14/17 17:12	EPA 8260B	mtc	
Ethylbenzene	<1.00		1.00	ug/l	09/14/17 17:12	EPA 8260B	mtc	
Xylenes (total)	<2.00		2.00	ug/l	09/14/17 17:12	EPA 8260B	mtc	
<b>Isopropylbenzene</b>	5.71		1.00	ug/l	09/14/17 17:12	EPA 8260B	mtc	
<b>Methyl tert-butyl ether</b>	12.6		1.00	ug/l	09/14/17 17:12	EPA 8260B	mtc	
Naphthalene	<1.00		1.00	ug/l	09/14/17 17:12	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	95.6 %		70-130		09/14/17 17:12	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	96.5 %		70-130		09/14/17 17:12	EPA 8260B	mtc	
Surrogate: Fluorobenzene	98.9 %		70-130		09/14/17 17:12	EPA 8260B	mtc	

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Converse

2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

**Reported:**

09/18/17 08:20

**Client Sample ID:** MW-11

**Date/Time Sampled:** 09/06/17 13:58

**Laboratory Sample ID:** 7108116-10 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/14/17 18:42	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/14/17 18:42	EPA 8260B	mtc	
Benzene	<1.00		1.00	ug/l	09/14/17 18:42	EPA 8260B	mtc	
Toluene	<1.00		1.00	ug/l	09/14/17 18:42	EPA 8260B	mtc	
Ethylbenzene	<1.00		1.00	ug/l	09/14/17 18:42	EPA 8260B	mtc	
Xylenes (total)	<2.00		2.00	ug/l	09/14/17 18:42	EPA 8260B	mtc	
Isopropylbenzene	<1.00		1.00	ug/l	09/14/17 18:42	EPA 8260B	mtc	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/14/17 18:42	EPA 8260B	mtc	
Naphthalene	<1.00		1.00	ug/l	09/14/17 18:42	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	94.4 %		70-130		09/14/17 18:42	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	96.1 %		70-130		09/14/17 18:42	EPA 8260B	mtc	
Surrogate: Fluorobenzene	99.4 %		70-130		09/14/17 18:42	EPA 8260B	mtc	

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2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

**Reported:**

09/18/17 08:20

**Client Sample ID:** MW-12

**Date/Time Sampled:** 09/07/17 10:40

**Laboratory Sample ID:** 7108116-11 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/14/17 20:44	EPA 8260B	bag	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/14/17 20:44	EPA 8260B	bag	
Benzene	<1.00		1.00	ug/l	09/14/17 20:44	EPA 8260B	bag	
Toluene	<1.00		1.00	ug/l	09/14/17 20:44	EPA 8260B	bag	
Ethylbenzene	<1.00		1.00	ug/l	09/14/17 20:44	EPA 8260B	bag	
Xylenes (total)	<2.00		2.00	ug/l	09/14/17 20:44	EPA 8260B	bag	
Isopropylbenzene	<1.00		1.00	ug/l	09/14/17 20:44	EPA 8260B	bag	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/14/17 20:44	EPA 8260B	bag	
Naphthalene	<1.00		1.00	ug/l	09/14/17 20:44	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	107 %		70-130		09/14/17 20:44	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	108 %		70-130		09/14/17 20:44	EPA 8260B	bag	
Surrogate: Fluorobenzene	105 %		70-130		09/14/17 20:44	EPA 8260B	bag	

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PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Converse  
2738 West College Avenue  
State College PA, 16801  
Project Manager: David Swetland

Project: ROSEMERGY'S  
Project Number: 11-17788-03  
Collector: CLIENT  
Number of Containers: 42  
Reported: 09/18/17 08:20

Client Sample ID: MW-13

Date/Time Sampled: 09/07/17 13:12

Laboratory Sample ID: 7108116-12 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/14/17 21:22	EPA 8260B	bag	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/14/17 21:22	EPA 8260B	bag	
Benzene	<1.00		1.00	ug/l	09/14/17 21:22	EPA 8260B	bag	
Toluene	<1.00		1.00	ug/l	09/14/17 21:22	EPA 8260B	bag	
Ethylbenzene	<1.00		1.00	ug/l	09/14/17 21:22	EPA 8260B	bag	
Xylenes (total)	<2.00		2.00	ug/l	09/14/17 21:22	EPA 8260B	bag	
Isopropylbenzene	<1.00		1.00	ug/l	09/14/17 21:22	EPA 8260B	bag	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/14/17 21:22	EPA 8260B	bag	
Naphthalene	<1.00		1.00	ug/l	09/14/17 21:22	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	98.4 %		70-130		09/14/17 21:22	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	113 %		70-130		09/14/17 21:22	EPA 8260B	bag	
Surrogate: Fluorobenzene	109 %		70-130		09/14/17 21:22	EPA 8260B	bag	

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Converse

2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

**Reported:**

09/18/17 08:20

**Client Sample ID:** MW-14

**Date/Time Sampled:** 09/06/17 16:49

**Laboratory Sample ID:** 7108116-13 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 06:04	EPA 8260B	MTC	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 06:04	EPA 8260B	MTC	
Benzene	<1.00		1.00	ug/l	09/12/17 06:04	EPA 8260B	MTC	
Toluene	<1.00		1.00	ug/l	09/12/17 06:04	EPA 8260B	MTC	
Ethylbenzene	<1.00		1.00	ug/l	09/12/17 06:04	EPA 8260B	MTC	
Xylenes (total)	<2.00		2.00	ug/l	09/12/17 06:04	EPA 8260B	MTC	
Isopropylbenzene	<1.00		1.00	ug/l	09/12/17 06:04	EPA 8260B	MTC	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/12/17 06:04	EPA 8260B	MTC	
Naphthalene	<1.00		1.00	ug/l	09/12/17 06:04	EPA 8260B	MTC	
Surrogate: 4-Bromofluorobenzene	99.0 %		70-130		09/12/17 06:04	EPA 8260B	MTC	
Surrogate: 1,2-Dichloroethane-d4	108 %		70-130		09/12/17 06:04	EPA 8260B	MTC	
Surrogate: Fluorobenzene	99.4 %		70-130		09/12/17 06:04	EPA 8260B	MTC	

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2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

**Reported:**

09/18/17 08:20

**Client Sample ID: MW-15**

**Date/Time Sampled: 09/06/17 15:59**

**Laboratory Sample ID: 7108116-14 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 02:52	EPA 8260B	MTC	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 02:52	EPA 8260B	MTC	
Benzene	<1.00		1.00	ug/l	09/12/17 02:52	EPA 8260B	MTC	
Toluene	<1.00		1.00	ug/l	09/12/17 02:52	EPA 8260B	MTC	
Ethylbenzene	<1.00		1.00	ug/l	09/12/17 02:52	EPA 8260B	MTC	
Xylenes (total)	<2.00		2.00	ug/l	09/12/17 02:52	EPA 8260B	MTC	
Isopropylbenzene	<1.00		1.00	ug/l	09/12/17 02:52	EPA 8260B	MTC	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/12/17 02:52	EPA 8260B	MTC	
Naphthalene	<1.00		1.00	ug/l	09/12/17 02:52	EPA 8260B	MTC	
Surrogate: 4-Bromofluorobenzene	101 %		70-130		09/12/17 02:52	EPA 8260B	MTC	
Surrogate: 1,2-Dichloroethane-d4	105 %		70-130		09/12/17 02:52	EPA 8260B	MTC	
Surrogate: Fluorobenzene	99.6 %		70-130		09/12/17 02:52	EPA 8260B	MTC	

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State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

**Reported:**

09/18/17 08:20

**Client Sample ID:** MW-16

**Date/Time Sampled:** 09/07/17 11:51

**Laboratory Sample ID:** 7108116-15 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 03:30	EPA 8260B	MTC	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 03:30	EPA 8260B	MTC	
Benzene	<1.00		1.00	ug/l	09/12/17 03:30	EPA 8260B	MTC	
Toluene	<1.00		1.00	ug/l	09/12/17 03:30	EPA 8260B	MTC	
Ethylbenzene	<1.00		1.00	ug/l	09/12/17 03:30	EPA 8260B	MTC	
Xylenes (total)	<2.00		2.00	ug/l	09/12/17 03:30	EPA 8260B	MTC	
Isopropylbenzene	<1.00		1.00	ug/l	09/12/17 03:30	EPA 8260B	MTC	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/12/17 03:30	EPA 8260B	MTC	
Naphthalene	<1.00		1.00	ug/l	09/12/17 03:30	EPA 8260B	MTC	
Surrogate: 4-Bromofluorobenzene	105 %		70-130		09/12/17 03:30	EPA 8260B	MTC	
Surrogate: 1,2-Dichloroethane-d4	107 %		70-130		09/12/17 03:30	EPA 8260B	MTC	
Surrogate: Fluorobenzene	98.7 %		70-130		09/12/17 03:30	EPA 8260B	MTC	

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State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

**Reported:**

09/18/17 08:20

**Client Sample ID:** MW-17

**Date/Time Sampled:** 09/06/17 15:12

**Laboratory Sample ID:** 7108116-16 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 04:09	EPA 8260B	MTC	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 04:09	EPA 8260B	MTC	
Benzene	<1.00		1.00	ug/l	09/12/17 04:09	EPA 8260B	MTC	
Toluene	<1.00		1.00	ug/l	09/12/17 04:09	EPA 8260B	MTC	
Ethylbenzene	<1.00		1.00	ug/l	09/12/17 04:09	EPA 8260B	MTC	
Xylenes (total)	<2.00		2.00	ug/l	09/12/17 04:09	EPA 8260B	MTC	
Isopropylbenzene	<1.00		1.00	ug/l	09/12/17 04:09	EPA 8260B	MTC	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/12/17 04:09	EPA 8260B	MTC	
Naphthalene	<1.00		1.00	ug/l	09/12/17 04:09	EPA 8260B	MTC	
Surrogate: 4-Bromofluorobenzene	101 %		70-130		09/12/17 04:09	EPA 8260B	MTC	
Surrogate: 1,2-Dichloroethane-d4	109 %		70-130		09/12/17 04:09	EPA 8260B	MTC	
Surrogate: Fluorobenzene	98.1 %		70-130		09/12/17 04:09	EPA 8260B	MTC	

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State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

**Reported:**

09/18/17 08:20

**Client Sample ID:** MW-18

**Date/Time Sampled:** 09/06/17 17:15

**Laboratory Sample ID:** 7108116-17 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 04:47	EPA 8260B	MTC	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 04:47	EPA 8260B	MTC	
Benzene	<1.00		1.00	ug/l	09/12/17 04:47	EPA 8260B	MTC	
Toluene	<1.00		1.00	ug/l	09/12/17 04:47	EPA 8260B	MTC	
Ethylbenzene	<1.00		1.00	ug/l	09/12/17 04:47	EPA 8260B	MTC	
Xylenes (total)	<2.00		2.00	ug/l	09/12/17 04:47	EPA 8260B	MTC	
Isopropylbenzene	<1.00		1.00	ug/l	09/12/17 04:47	EPA 8260B	MTC	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/12/17 04:47	EPA 8260B	MTC	
Naphthalene	<1.00		1.00	ug/l	09/12/17 04:47	EPA 8260B	MTC	
Surrogate: 4-Bromofluorobenzene	105 %		70-130		09/12/17 04:47	EPA 8260B	MTC	
Surrogate: 1,2-Dichloroethane-d4	103 %		70-130		09/12/17 04:47	EPA 8260B	MTC	
Surrogate: Fluorobenzene	97.7 %		70-130		09/12/17 04:47	EPA 8260B	MTC	

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2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

Reported:

09/18/17 08:20

Client Sample ID: MW-19

Date/Time Sampled: 09/07/17 13:25

Laboratory Sample ID: 7108116-18 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 05:25	EPA 8260B	MTC	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 05:25	EPA 8260B	MTC	
Benzene	<1.00		1.00	ug/l	09/12/17 05:25	EPA 8260B	MTC	
Toluene	<1.00		1.00	ug/l	09/12/17 05:25	EPA 8260B	MTC	
Ethylbenzene	<1.00		1.00	ug/l	09/12/17 05:25	EPA 8260B	MTC	
Xylenes (total)	<2.00		2.00	ug/l	09/12/17 05:25	EPA 8260B	MTC	
Isopropylbenzene	<1.00		1.00	ug/l	09/12/17 05:25	EPA 8260B	MTC	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/12/17 05:25	EPA 8260B	MTC	
Naphthalene	<1.00		1.00	ug/l	09/12/17 05:25	EPA 8260B	MTC	
Surrogate: 4-Bromofluorobenzene	103 %		70-130		09/12/17 05:25	EPA 8260B	MTC	
Surrogate: 1,2-Dichloroethane-d4	104 %		70-130		09/12/17 05:25	EPA 8260B	MTC	
Surrogate: Fluorobenzene	97.2 %		70-130		09/12/17 05:25	EPA 8260B	MTC	

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2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

**Reported:**

09/18/17 08:20

**Client Sample ID:** MW-20

**Date/Time Sampled:** 09/06/17 13:21

**Laboratory Sample ID:** 7108116-19 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 06:42	EPA 8260B	MTC	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 06:42	EPA 8260B	MTC	
Benzene	<1.00		1.00	ug/l	09/12/17 06:42	EPA 8260B	MTC	
Toluene	<1.00		1.00	ug/l	09/12/17 06:42	EPA 8260B	MTC	
Ethylbenzene	<1.00		1.00	ug/l	09/12/17 06:42	EPA 8260B	MTC	
Xylenes (total)	<2.00		2.00	ug/l	09/12/17 06:42	EPA 8260B	MTC	
Isopropylbenzene	<1.00		1.00	ug/l	09/12/17 06:42	EPA 8260B	MTC	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/12/17 06:42	EPA 8260B	MTC	
Naphthalene	<1.00		1.00	ug/l	09/12/17 06:42	EPA 8260B	MTC	
Surrogate: 4-Bromofluorobenzene	96.2 %		70-130		09/12/17 06:42	EPA 8260B	MTC	
Surrogate: 1,2-Dichloroethane-d4	108 %		70-130		09/12/17 06:42	EPA 8260B	MTC	
Surrogate: Fluorobenzene	96.9 %		70-130		09/12/17 06:42	EPA 8260B	MTC	

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2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

**Reported:**

09/18/17 08:20

**Client Sample ID:** MW-21

**Date/Time Sampled:** 09/06/17 12:31

**Laboratory Sample ID:** 7108116-20 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
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**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 07:21	EPA 8260B	MTC	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 07:21	EPA 8260B	MTC	
Benzene	<1.00		1.00	ug/l	09/12/17 07:21	EPA 8260B	MTC	
Toluene	<1.00		1.00	ug/l	09/12/17 07:21	EPA 8260B	MTC	
Ethylbenzene	<1.00		1.00	ug/l	09/12/17 07:21	EPA 8260B	MTC	
Xylenes (total)	<2.00		2.00	ug/l	09/12/17 07:21	EPA 8260B	MTC	
Isopropylbenzene	<1.00		1.00	ug/l	09/12/17 07:21	EPA 8260B	MTC	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/12/17 07:21	EPA 8260B	MTC	
Naphthalene	<1.00		1.00	ug/l	09/12/17 07:21	EPA 8260B	MTC	
Surrogate: 4-Bromofluorobenzene	102 %		70-130		09/12/17 07:21	EPA 8260B	MTC	
Surrogate: 1,2-Dichloroethane-d4	109 %		70-130		09/12/17 07:21	EPA 8260B	MTC	
Surrogate: Fluorobenzene	97.4 %		70-130		09/12/17 07:21	EPA 8260B	MTC	

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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

Converse

2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

**Reported:**

09/18/17 08:20

**Client Sample ID:** MW-22

**Date/Time Sampled:** 09/06/17 12:51

**Laboratory Sample ID:** 7108116-21 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
---------	--------	-----	----	-------	----------------------	-------------------	-----------	------

**Volatile Organic Compounds by EPA Method 8260B**

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 07:59	EPA 8260B	MTC	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/12/17 07:59	EPA 8260B	MTC	
Benzene	<1.00		1.00	ug/l	09/12/17 07:59	EPA 8260B	MTC	
Toluene	<1.00		1.00	ug/l	09/12/17 07:59	EPA 8260B	MTC	
Ethylbenzene	<1.00		1.00	ug/l	09/12/17 07:59	EPA 8260B	MTC	
Xylenes (total)	<2.00		2.00	ug/l	09/12/17 07:59	EPA 8260B	MTC	
Isopropylbenzene	<1.00		1.00	ug/l	09/12/17 07:59	EPA 8260B	MTC	
<b>Methyl tert-butyl ether</b>	1.37		1.00	ug/l	09/12/17 07:59	EPA 8260B	MTC	
Naphthalene	<1.00		1.00	ug/l	09/12/17 07:59	EPA 8260B	MTC	
Surrogate: 4-Bromofluorobenzene	102 %		70-130		09/12/17 07:59	EPA 8260B	MTC	
Surrogate: 1,2-Dichloroethane-d4	113 %		70-130		09/12/17 07:59	EPA 8260B	MTC	
Surrogate: Fluorobenzene	98.2 %		70-130		09/12/17 07:59	EPA 8260B	MTC	

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State Certifications: MD 275, WV 364

Converse	Project: ROSEMERGY'S	
2738 West College Avenue	Project Number: 11-17788-03	<b>Reported:</b>
State College PA, 16801	Collector: CLIENT	09/18/17 08:20
Project Manager: David Swetland	Number of Containers: 42	

### Notes

Q Sample was analyzed at a dilution. Reporting limits were adjusted accordingly.

### 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.

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.

# 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; and should be considered as analyzed outside the EPA holding time.

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

\* G indicates analysis performed by Fairway Laboratories, Inc. at the Greensburg location PaDEP: 65-00392. 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.





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State Certifications: MD 275, WV 364

Converse

2738 West College Avenue

State College PA, 16801

Project Manager: David Swetland

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 42

Reported:

09/18/17 08:20

#### 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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10 F3

PA 1/2

SAMPLING, CHAIN OF CUSTODY AND ANALYSES RECORD FOR SOIL, GROUNDWATER AND AIR MONITORING

SAMPLING PLACE Rosemery CC FIELD REP. PHC  
 OWNER \_\_\_\_\_ DATE 9/6-9/7/17  
 ADDRESS \_\_\_\_\_ WEATHER Rain/Cloudy  
 PROJECT NO. 11-17788-03  
 PROJECT NAME \_\_\_\_\_ ATTENTION DWS



FIRM RESPONSIBLE FOR SAMPLING  
**Converse Consultants**  
 2738 West College Avenue  
 State College, Pennsylvania 16801  
 814-234-3223  
 Fax 814-234-3255

2E08116 #1

STATION NO. OR SAMPLE IDENT.	TIME	DEPTH TO WATER (FEET) DATUM	PURGING METHOD	AMOUNT PURGED (GALS)	SAMPLING METHOD	CONTAINER DESCRIPTION										PH	SPECIFIC CONDUCTANCE (µ mhos/cm.)	TEMP. °C	ANALYSIS REQUEST / COMMENTS
						1	2	3	4	5	6	7	8	9	10				
971 MW-1R	11:13	5.75	Bail	4	Grab	2-40 ml HCL										6.5	1000	19.0	2008 PA DEP short
972 MW-2	9:50	2.72	Bail	6	"											6.3	870	19.9	List target Compounds
973 MW-3	10:08	3.08		6												6.2	1021	18.7	
974 MW-4	12:15	1.45		7												7.5	251	18.8	
975 MW-5	9:28	3.22		6												7.0	829	21.4	
976 MW-7	12:50	8.52		3.5												7.1	697	16.4	
977 MW-8	1:55	1.34		7												6.8	352	16.6	
978 MW-9	2:18	0.51		7												6.9	1145	15.8	
979 MW-10	2:21	1.76		6												6.4	359	17.2	
980 MW-11	1:58	3.37		6												5.9	378	16.3	
981 MW-12	10:40	3.69		6												6.3	830	17.2	
982 MW-13	1:12	13.00		1												5.9	201	15.2	
983 MW-14	4:49	13.59	✓	2.5	✓											4.9	1487	15.1	✓

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	RECEIVING LABORATORY
	9-8-17	1230	<i>Ry Haberk</i>	ADDRESS <u>Fairway Labs</u>
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE RECEIVED
<i>Ry Haberk</i>	9-8-17	1320	<i>Dan S. Alan</i>	9/8/17
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	TIME
<i>Dan S. Alan</i>	9/8/17	1415	<i>Alan</i>	9-8-17

ALL SAMPLES REC'D. INTACT ☐ YES ☐ NO  
 LIST SAMPLES MISSING/DAMAGED \_\_\_\_\_  
 ACCEPTED BY \_\_\_\_\_

## SAMPLING, CHAIN OF CUSTODY AND ANALYSES RECORD FOR SOIL, GROUNDWATER AND AIR MONITORING

SAMPLING PLACE Rose meery CC FIELD REP. See Page 1  
OWNER \_\_\_\_\_ DATE \_\_\_\_\_  
ADDRESS \_\_\_\_\_ WEATHER \_\_\_\_\_  
PROJECT NO. \_\_\_\_\_  
PROJECT NAME \_\_\_\_\_ ATTENTION \_\_\_\_\_



7I 08 116 #2

[illegible]

### Chain of Custody Receiving Document

Receiver: CR

Page 3 of 3

Date/Time of this check: 9-8-17 18:25 Client: Converse Lab # 7F08116

Received on ICE? Y ☐ \* Sample Temperature when delivered to the Lab: 21 Acceptable? Y ☐ \* or In cool down process? ☐ \*

Custody Seals? no Intact? plA

COC/Labels on bottles agree? Y ☐ \* Correct containers for all the analysis requested? Y ☐ \* Matrix: WATER

COC #	Number and Type of BOTTLES									Comments	
	Poly Non-Pres.	Poly H2SO4	Poly HNO3	Amber H2SO4	Amber Non-Pres.	Poly NaOH	VOCS (Head space?) <div><input type="checkbox"/> *</div>	Other <div><input type="checkbox"/> *</div>	Properly Preserved <div><input type="checkbox"/> *</div>	Bacti	<input type="checkbox"/> * Internal notification completed for deviations.
1							2		1		
2							1		1		
3							1		1		
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100							1		1		

<b>* DEVIATION PRESENT:</b> <input checked="" type="checkbox"/> No Ice ( ) <input checked="" type="checkbox"/> Not at Proper Temperature ( ) <input checked="" type="checkbox"/> Wrong Container ( ) <input checked="" type="checkbox"/> Missing Information: ( )	<b>CLIENT CALLED:</b> YES ( ) <b>By Whom:</b> _____ Date: _____	<b>CLIENT RESPONSE:</b> Proceed with analysis; qualify data ( ) Will Resample ( ) Provided Information ( ) No Response; Proceed and qualified ( ) Client Contact: _____ Date: _____
---	--	--

\* Comments: \_\_\_\_\_

October 13, 2017

David Swetland  
Converse Consultants  
2738 West College Avenue  
State College, PA 16801

Project Location: Rosemergy  
Client Job Number:  
Project Number: [none]  
Laboratory Work Order Number: 17J0236

Enclosed are results of analyses for samples received by the laboratory on October 4, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron L. Benoit", is written over a light gray rectangular background.

Aaron L. Benoit  
Project Manager

## Table of Contents

Sample Summary	3
Case Narrative	4
Sample Results	5
Sample Preparation Information	6
QC Data	7
Air Toxics by EPA Compendium Methods	7
B188068	7
Flag/Qualifier Summary	8
Internal standard Area & RT Summary	9
Continuing Calibration Check	10
Certifications	11
Chain of Custody/Sample Receipt	12

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39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Converse Consultants  
2738 West College Avenue  
State College, PA 16801  
ATTN: David Swetland

REPORT DATE: 10/13/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

---

**ANALYTICAL SUMMARY**

---

WORK ORDER NUMBER: 17J0236

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Rosemergy

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Influent	17J0236-01	Soil Gas		EPA TO-15	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink, appearing to read "Lisa Worthington", is written over a light gray rectangular background.

Lisa A. Worthington  
Project Manager



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## ANALYTICAL RESULTS

Project Location: Rosemergy  
Date Received: 10/4/2017  
Field Sample #: Influent  
Sample ID: 17J0236-01  
Sample Matrix: Soil Gas  
Sampled: 9/27/2017 17:05

Sample Description/Location:  
Sub Description/Location:  
Canister ID: 1462  
Canister Size: 6 liter  
Flow Controller ID: 5031  
Sample Type: Grab

Work Order: 17J0236  
Initial Vacuum(in Hg): -17  
Final Vacuum(in Hg): -2  
Receipt Vacuum(in Hg): -7  
Flow Controller Type: Fixed-Orifice  
Flow Controller Calibration  
RPD Pre and Post-Sampling:

## EPA TO-15

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		
	Results	RL		Results	RL		Analyzed	Analyst	
Benzene	140	0.50		430	1.6	10	10/7/17	8:09	TPH
1,2-Dibromoethane (EDB)	ND	0.50		ND	3.8	10	10/7/17	8:09	TPH
1,2-Dichloroethane	ND	0.50		ND	2.0	10	10/7/17	8:09	TPH
Ethylbenzene	96	0.50		420	2.2	10	10/7/17	8:09	TPH
Isopropylbenzene (Cumene)	12	1.3		60	6.2	10	10/7/17	8:09	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.50		ND	1.8	10	10/7/17	8:09	TPH
Naphthalene	7.1	0.50		37	2.6	10	10/7/17	8:09	TPH
Toluene	80	0.50		300	1.9	10	10/7/17	8:09	TPH
1,2,4-Trimethylbenzene	130	0.50		650	2.5	10	10/7/17	8:09	TPH
1,3,5-Trimethylbenzene	50	0.50		250	2.5	10	10/7/17	8:09	TPH
m&p-Xylene	130	1.0		570	4.3	10	10/7/17	8:09	TPH
o-Xylene	87	0.50		380	2.2	10	10/7/17	8:09	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	108	70-130	10/7/17 8:09
4-Bromofluorobenzene (2)	113	70-130	10/7/17 8:09

---

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**Sample Extraction Data**

**Prep Method: TO-15 Prep-EPA TO-15**

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
17J0236-01 [Influent]	B188068	1.5	1	N/A	1000	400	60	10/06/17

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## QUALITY CONTROL

## Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	%REC	Limits	RPD	Limit	
Batch B188068 - TO-15 Prep											
Blank (B188068-BLK1)					Prepared & Analyzed: 10/06/17						
Benzene	ND	0.035									
1,2-Dibromoethane (EDB)	ND	0.035									
1,2-Dichloroethane	ND	0.035									
Ethylbenzene	ND	0.035									
Isopropylbenzene (Cumene)	ND	0.089									
Methyl tert-Butyl Ether (MTBE)	ND	0.035									
Toluene	ND	0.035									
1,2,4-Trimethylbenzene	ND	0.035									
1,3,5-Trimethylbenzene	ND	0.035									
m&p-Xylene	ND	0.070									
o-Xylene	ND	0.035									
Surrogate: 4-Bromofluorobenzene (1)	7.15				8.00		89.4	70-130			
Surrogate: 4-Bromofluorobenzene (2)	6.64				8.00		83.0	70-130			
LCS (B188068-BS1)					Prepared & Analyzed: 10/06/17						
Benzene	4.28				5.00		85.5	70-130			
1,2-Dibromoethane (EDB)	4.57				5.00		91.4	70-130			
1,2-Dichloroethane	4.70				5.00		93.9	70-130			
Ethylbenzene	4.62				5.00		92.4	70-130			
Isopropylbenzene (Cumene)	1.25				1.27		98.6	70-130			
Methyl tert-Butyl Ether (MTBE)	4.63				5.00		92.6	70-130			
Toluene	4.53				5.00		90.5	70-130			
1,2,4-Trimethylbenzene	4.55				5.00		91.0	70-130			
1,3,5-Trimethylbenzene	4.32				5.00		86.5	70-130			
m&p-Xylene	9.37				10.0		93.7	70-130			
o-Xylene	4.86				5.00		97.1	70-130			
Surrogate: 4-Bromofluorobenzene (1)	7.47				8.00		93.4	70-130			
Surrogate: 4-Bromofluorobenzene (2)	7.33				8.00		91.6	70-130			

---

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**FLAG/QUALIFIER SUMMARY**

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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## INTERNAL STANDARD AREA AND RT SUMMARY

## EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
<b>Influent (17J0236-01)</b> <span style="float: right;">Lab File ID: F100633.D</span> <span style="float: right;">Analyzed: 10/07/17 08:09</span>									
Bromochloromethane (1)	197112	8.425				60 - 140	8.4250	+/-0.50	
1,4-Difluorobenzene (1)	623217	10.167				60 - 140	10.1670	+/-0.50	
Chlorobenzene-d5 (1)	534533	14.503				60 - 140	14.5030	+/-0.50	
1,4-Difluorobenzene (2)	623217	10.167				60 - 140	10.1670	+/-0.50	
Chlorobenzene-d5 (2)	113901	14.503				60 - 140	14.5030	+/-0.50	

---

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

## CONTINUING CALIBRATION CHECK

COMPOUND	TYPE			RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)

# Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

\* Values outside of QC limits

# CERTIFICATIONS

## Certified Analyses included in this Report

Analyte	Certifications
<b>EPA TO-15 in Air</b>	
Benzene	AIHA,FL,NJ,NY,VA,ME
1,2-Dibromoethane (EDB)	AIHA,NJ,NY,ME
1,2-Dichloroethane	AIHA,FL,NJ,NY,VA,ME
Ethylbenzene	AIHA,FL,NJ,NY,VA,ME
Isopropylbenzene (Cumene)	AIHA,NJ,NY,ME
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,VA,ME
Naphthalene	NY,ME
Toluene	AIHA,FL,NJ,NY,VA,ME
1,2,4-Trimethylbenzene	AIHA,NJ,NY,ME
1,3,5-Trimethylbenzene	AIHA,NJ,NY,ME
m&p-Xylene	AIHA,FL,NJ,NY,VA,ME
o-Xylene	AIHA,FL,NJ,NY,VA,ME

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Public Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2018
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018



Company Name: CONVERSE Consultants  
Address: 2738 W College Ave, State College PA  
Phone: 814-234-3223  
Project Name: Rosemead  
Project Location:  
Project Number:  
Project Manager:  
Con-Test Quote Name/Number:  
Invoice Recipient:  
Sampled By:

**Requested Turnaround Time**  
7-Day ☒ 10-Day ☐  
Due Date:  
**Rush Approval Required**  
1-Day ☐ 3-Day ☐  
2-Day ☐ 4-Day ☐  
**Data Delivery**  
Format: PDF ☒ EXCEL ☐  
Other:  
CLP Like Data Pkg Required: ☐  
Email To: Dave Svetland  
Fax To #: Mary Felcar

**ANALYSIS REQUESTED**

Lab Use	Client Use	Collection Data		Duration	Flow Rate	Matrix	Volume	to Con-Test's Air Media Agreement																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Total Minutes Sampled	<input type="checkbox"/> m³/min <input checked="" type="checkbox"/> L/min	Code	<input checked="" type="checkbox"/> Liters <input type="checkbox"/> m³																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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## IMPORTANT!

The impact of Hurricanes Maria, Irma, and Harvey continue to cause hazardous conditions. Learn More

FedEx® Tracking

770379241816

Ship date:

Mon 10/02/2017

STATE COLLEGE, PA US



Delivered

Signed for by: PBLAKE

Actual delivery:

Wed 10/04/2017 12:33 pm

EAST LONGMEADOW, MA US

## Travel History

Date/Time	Activity	Location
10/04/2017 - Wednesday		
12:33 pm	Delivered	East Longmeadow, MA
6:31 am	On FedEx vehicle for delivery	CHICOPEE, MA
6:20 am	At local FedEx facility	CHICOPEE, MA
12:26 am	Departed FedEx location	WILLINGTON, CT
10/03/2017 - Tuesday		
7:02 pm	Arrived at FedEx location	WILLINGTON, CT
9:50 am	Departed FedEx location	HAGERSTOWN, MD
5:49 am	Arrived at FedEx location	HAGERSTOWN, MD
1:59 am	Left FedEx origin facility	DUNCANVILLE, PA
10/02/2017 - Monday		
5:21 pm	Arrived at FedEx location	DUNCANVILLE, PA
11:28 am	Picked up	DUNCANVILLE, PA
9/29/2017 - Friday		
10:15 am	Shipment information sent to FedEx	

## Shipment Facts

Tracking number	770379241816	Service	FedEx Ground
Reference	Lab	Weight	8 lbs / 3.63 kgs
Dimensions	18x10x10 in.	Total pieces	1
Terms	Shipper	Packaging	Package
Standard transit	10/04/2017		



Search or tracking number

## Customer Focus

New Customer Center  
Small Business Center  
Service Guide  
Customer Support

## Company Information

About FedEx  
Careers  
Investor Relations  
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## Featured Services

FedEx Delivery Manager  
FedEx Critical Inventory Logistics  
FedEx SameDay  
FedEx Home Delivery  
FedEx TechConnect  
FedEx HealthCare Solutions  
Online Retail Solutions  
Packaging Services  
Ancillary Clearance Services

## Other Resources

FedEx Compatible  
Developer Resource Center  
FedEx Ship Manager Software  
FedEx Mobile

## Companies

FedEx Express  
FedEx Ground  
FedEx Office  
FedEx Freight  
FedEx Custom Critical  
FedEx Trade Networks  
FedEx Cross Border  
FedEx Supply Chain

## Follow FedEx

United States - English

Ask FedEx

39 Spruce St.  
East Longmeadow, MA. 01028  
P: 413-525-2332  
F: 413-525-6405  
www.contestlabs.com



**con-test®**  
ANALYTICAL LABORATORY

Doc# 278 Rev 6 2017

**Air Media Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False**

Client Converse

Received By PR Date 10.4.17 Time 12:33  
How were the samples received? In Cooler    On Ice    No Ice     
In Box T Ambient    Melted Ice     
Were samples within Temperature Compliance? 2-6°C NA By Gun #    Actual Temp -     
By Blank #    Actual Temp -     
Was Custody Seal Intact? NA Were Samples Tampered with? NA  
Was COC Relinquished? T Does Chain Agree With Samples? T  
Are there any loose caps/valves on any samples? F  
Is COC in ink/ Legible? T  
Did COC Include all Client T Analysis T Sampler Name NO F  
Pertinent Information? Project T ID's T Collection Dates/Times T  
Are Sample Labels filled out and legible? T  
Are there Rushes? F Who was notified?     
Samples are received within holding time? T  
Proper Media Used? T Individually Certified Cans? F  
Are there Trip Blanks? F Is there enough Volume? T

Containers:	#	Size	Regulator	Duration	Accessories:			
Summa Cans	1	64t	1	Grab	Nut/Ferrule		IC Train	
Tedlar Bags					Tubing			
TO-17 Tubes					T-Connector		Shipping Charges	
Radiello					Syringe			
Pufs/TO-11s					Tedlar			

Can #'s	1462				Reg #'s	5031			
Unused Media					Pufs/TO-17's				

Comments: