



**FOURTH 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**

REPORTING PERIOD:

October 1, 2017 to December 31, 2017

CONTACTS:

Project Manager: Mr. David W. Swetland, P.G., Converse Consultants, State College, PA
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Owner Contact: Mr. George Korb, Chief Engineer, Woodloch Pines Inc., Hawley, PA
(570) 878-1810

QUARTERLY ACTIVITY SUMMARY:

November 2017: New Heat exchanger installed and system is operational. Quarterly Sampling 11/30/17. Issue with modem resolved.

December 2017: Influent air sample taken 12/28/17. System down at end of month due to power failure that lead to frozen pump.

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 shut down to allow modifications then re-started on 11/30/17. See REMEDIATION SYSTEM below.
Additional Activities:	See below for all activities.

QUARTERLY GROUNDWATER SAMPLING DATA SUMMARY:

Groundwater Sampling Date(s):	November 30 th and December 1 st , 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, MW-11, MW-12, and MW-16 had surface obstructions, and MW-13 was dry).
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:	1.78 feet (MW-22) to 14.97 (MW-14) feet below top of casing. (see Table 1).
Groundwater Flow Direction:	Radial away from groundwater mounding in the area of MW-5R and MW-3; contaminant transport primarily to the west and southeast (see Figures in Appendix A).





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Hydraulic Gradient: 0.019

Commentary:

Laboratory data for November 2017 indicate a general increase 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 (674 µg/L), Benzene (2,910 µg/L), Toluene (1,290 µg/L), MTBE (57 µg/L), Ethylbenzene (1,150 µg/L) Naphthalene (200 µg/L)
Monitoring Well MW-2:	1,2,4-TMB (366 µg/L), Benzene (106 µg/L), Naphthalene (103 µg/L)
Monitoring Well MW-3:	Benzene (29 µg/L), MTBE (227 µg/L)
Monitoring Well MW-4:	1,2,4 TMB (43 µg/L), Benzene (67 µg/L)
Monitoring Well MW-5R:	1,2,4-TMB (1,380 µg/L), Benzene (648 µg/L), Toluene (2,490 µg/L) Ethylbenzene (2,290 µg/L, MTBE (30 µg/L), Naphthalene (387 µg/L)
Monitoring Well MW-7:	1,2,4-TMB (233 µg/L), Benzene (4090 µg/L), MTBE (75 µg/L), Naphthalene (193 µg/L)
Monitoring Well MW-9:	Benzene (27 µg/L)

Contaminant concentrations in peripheral monitoring wells have shown a decreasing trend over the past few quarters. Contaminant concentrations observed in source area monitoring wells in November 2017 were consistent with historical data. As the system was shut down for modifications during the first two months of the quarter, contaminant concentrations within the source area have rebounded. 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 is still required at this point in time.

Contaminant concentrations in monitoring wells MW-9 and MW-10 showed a spike in concentrations during 2015 and 2016 but have returned to previous low levels now that the treatment system has been in operation.

Water level data indicates a groundwater mound in the area of monitoring wells MW-4 and MW-5R for the 4Q 2017 groundwater sampling event. The groundwater mound is consistent with previous monitoring events. System modifications have been completed to help mitigate the impact of the groundwater mound on the efficiency of the treatment system. It will take 3 to 6 months of treatment system operation to assess the success of the system modifications.

Analyte concentration trend graphs are included in Appendix B.

Variances:

None noted.

REMEDIAL 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 are collected on a monthly basis to ensure the functionality of the system. No samples were collected this quarter as the system was offline during October and November and the pump was frozen when the sampling team arrived





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at the end of December to collect the samples. Historic data is summarized on the attached Table 3.

During the Fourth quarter of 2017 the system treated approximately 29,550 gallons of impacted groundwater during 27 days of operation. System downtime included waiting for a replacement heat exchanger and motor, a power outage, and waiting for replacement pump.

Operating Period: October 1, 2017 through December 31, 2017

System Operating Time: 648 hours or 27 days (total run time)

Total Water Treated: ~29,550 gallons

Average Water Flow Rate: 0.76 gpm

Total Vapor Treated: 13,996,800 scf

Average Vapor Flow Rate: 360 scfm

Estimated Total Liquid Phase Contaminants Removed: .064 lbs of COC_c

Estimated Total Vapor Phase Contaminants Removed: 98.4 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 29,550 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/m³, and the shown volume of vapor treated for the quarter. In future, calculation of the vapor phase contaminants will be based on the analysis of the influent air samples collected during each quarter. As the samples collected on December 28, 2017 were obtained after the pump had shut down and the system was idle the results are not considered to be representative for the quarter.

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. 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.

Vacuum leaks in the southeast corner of the treatment cell at extraction points MW-4 and DPE-3 and parking lot runoff issues were addressed to maximize drawdown. The water levels will need to be monitored for several consecutive months of operation before any conclusions can be reached on the drawdown provided by the current remedial system configuration. Provided that the system runs for the majority of the winter months, new drawdown data should be available in the 1Q 2018.

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.





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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.

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 display sub-optimal vacuum readings. During 2017, the wellhead vacuums showed significant improvement during the late Spring and Summer. After the prolonged system shutdown to reconfigure the treatment system, we expect that it will again take several months to see optimal vacuum at the wellheads. Analyzing the historical vacuum data at the wellheads it appears that the vacuum readings are influenced by sub-freezing temperatures and by periodic collection of readings too soon after the system is re-started.

Rehabilitation of the DPE well heads DPE-3 and MW-4 was completed in October.

VAPOR TREATMENT: Soil vapor is currently being treated by the use of multiple vapor phase GAC units which were installed in November 2017.

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:	March 2018
Manual Bailing for Product Recovery:	Not planned
Groundwater Sampling:	March 2018.
Remedial System Operation & Maintenance:	At least twice per month during operation
Remedial System Sampling Date(s):	Monthly
Additional:	Analysis of an influent air sample at least 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 November 2017
- Figure 5: Dissolved Benzene Isoconcentration Map November 2017
- Figure 6: Dissolved MTBE Isoconcentration Map November 2017
- Figure 7: Dissolved Naphthalene Isoconcentration Map November 2017
- Figure 8: Dissolved 1,2,4-TMB Isoconcentration Map November 2017
- Figure 9: Dissolved 1,3,5-TMB Isoconcentration Map November 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





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NOTES:

The Fourth Quarter 2017 hydraulic gradient was calculated using the groundwater elevation at monitoring well MW-3 (1294.18 feet) minus the groundwater elevation at monitoring well MW-22 (1289.70 feet) divided by the horizontal distance (~240 feet) from monitoring well MW-3 to monitoring well MW-22.

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.

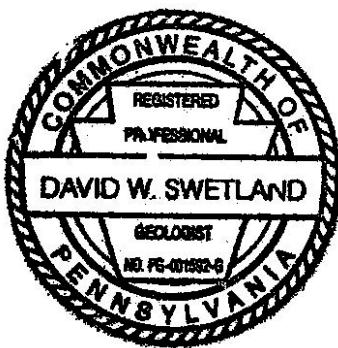
Converse, 2014. Site Characterization Report, Former Rosemergy's Store/Garage, PAUSTIF Claim #2011-0082(S), 1623 Route 590, Hawley, Lackawaxen Twp., Pike County, Pennsylvania, August 7, 2014, Converse Consultants, State College, PA.

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



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

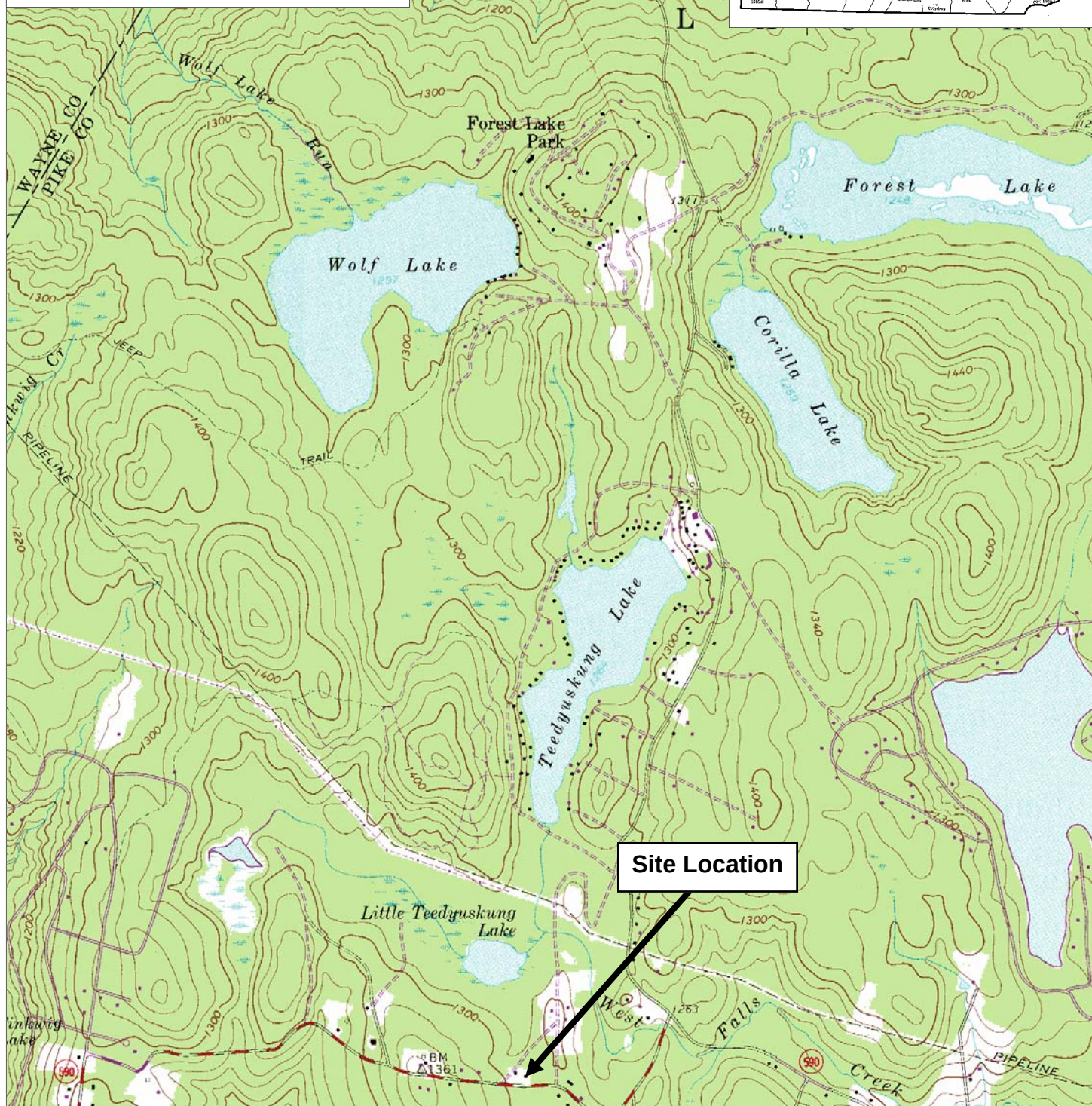
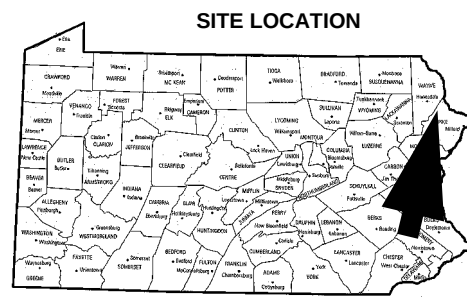


FIGURE 1: LOCATION MAP

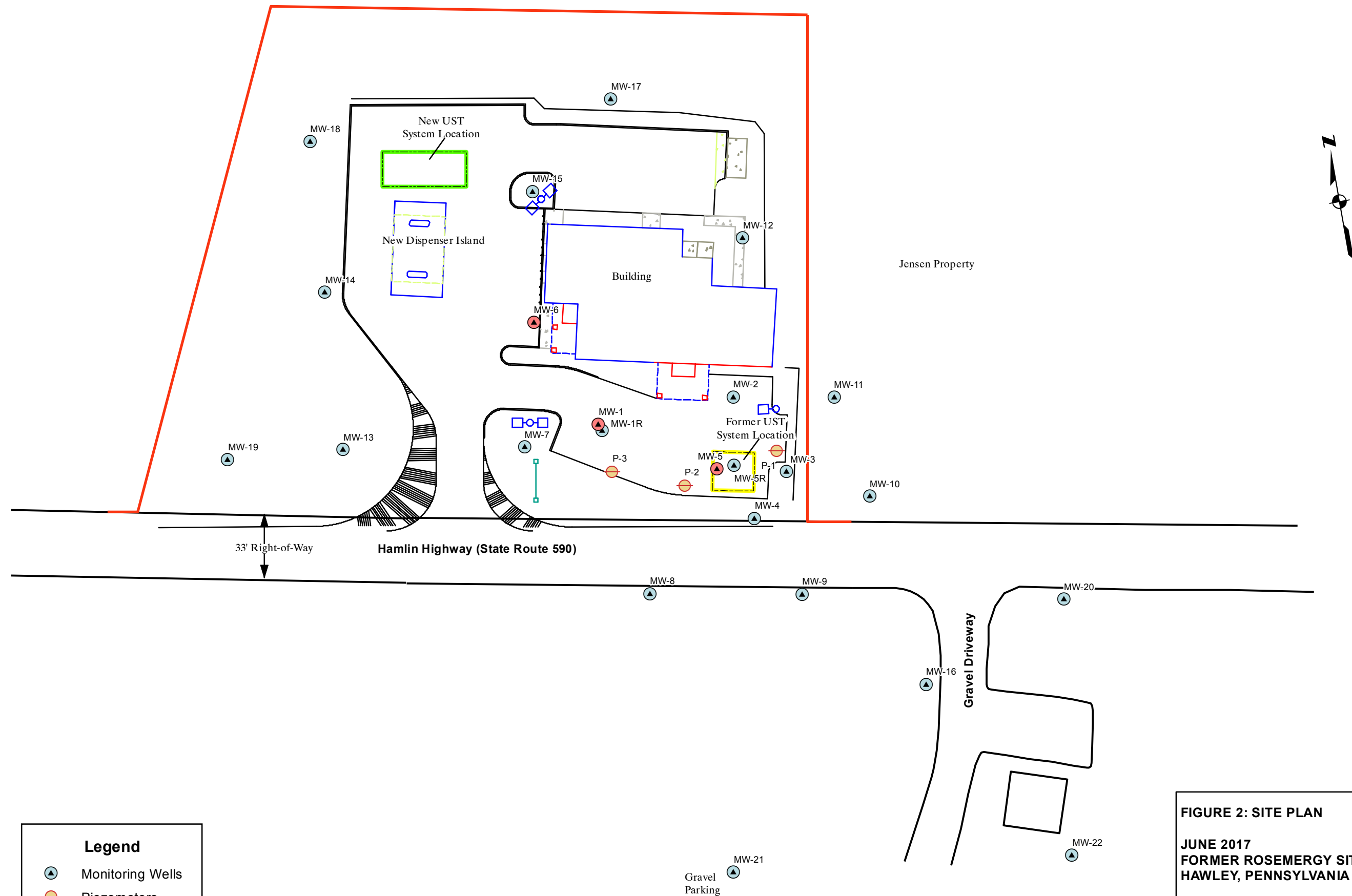
ROSEMERGY SITE
HAMLIN HIGHWAY (PA 590)
HAWLEY, PIKE COUNTY, PENNSYLVANIA

Converse Project Number 11-17829-01

Revised 01/09/13



CONVERSE CONSULTANTS
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Legend

- Monitoring Wells
- Piezometers
- Abandoned Wells
- Property Boundary

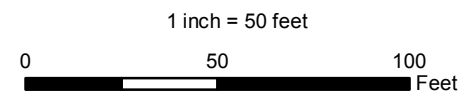


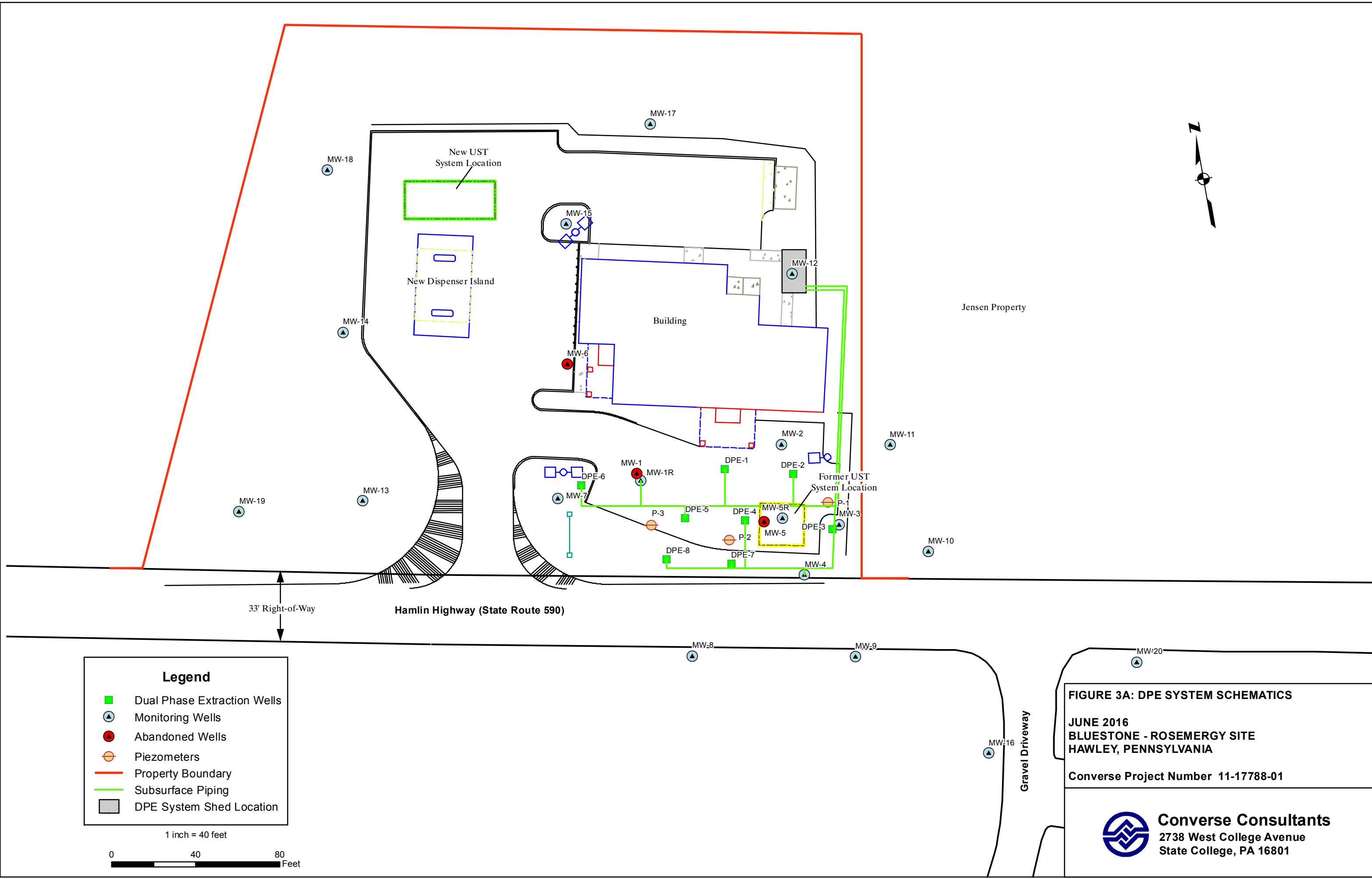
FIGURE 2: SITE PLAN

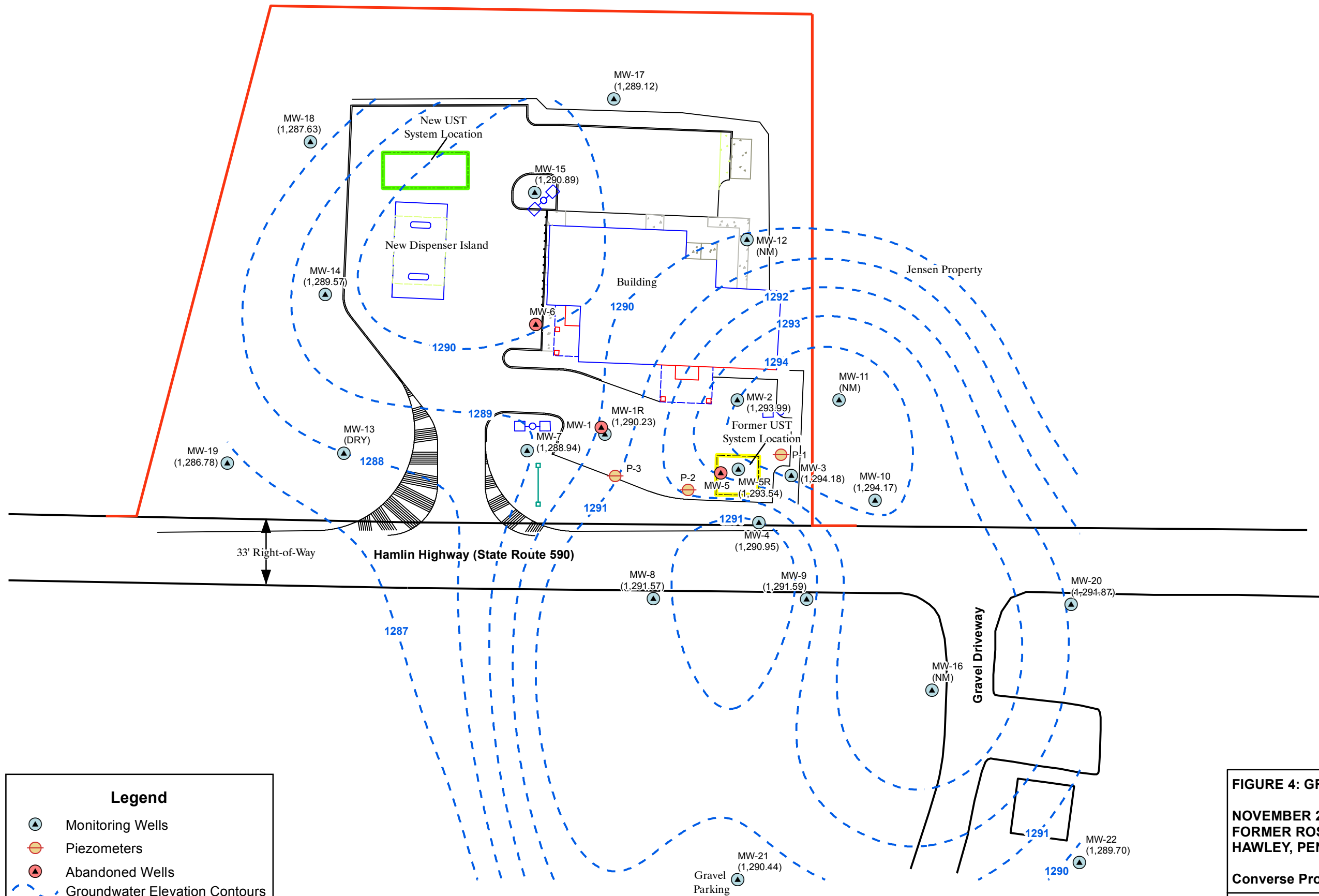
**JUNE 2017
FORMER ROSEMERGY SITE
HAWLEY, PENNSYLVANIA**

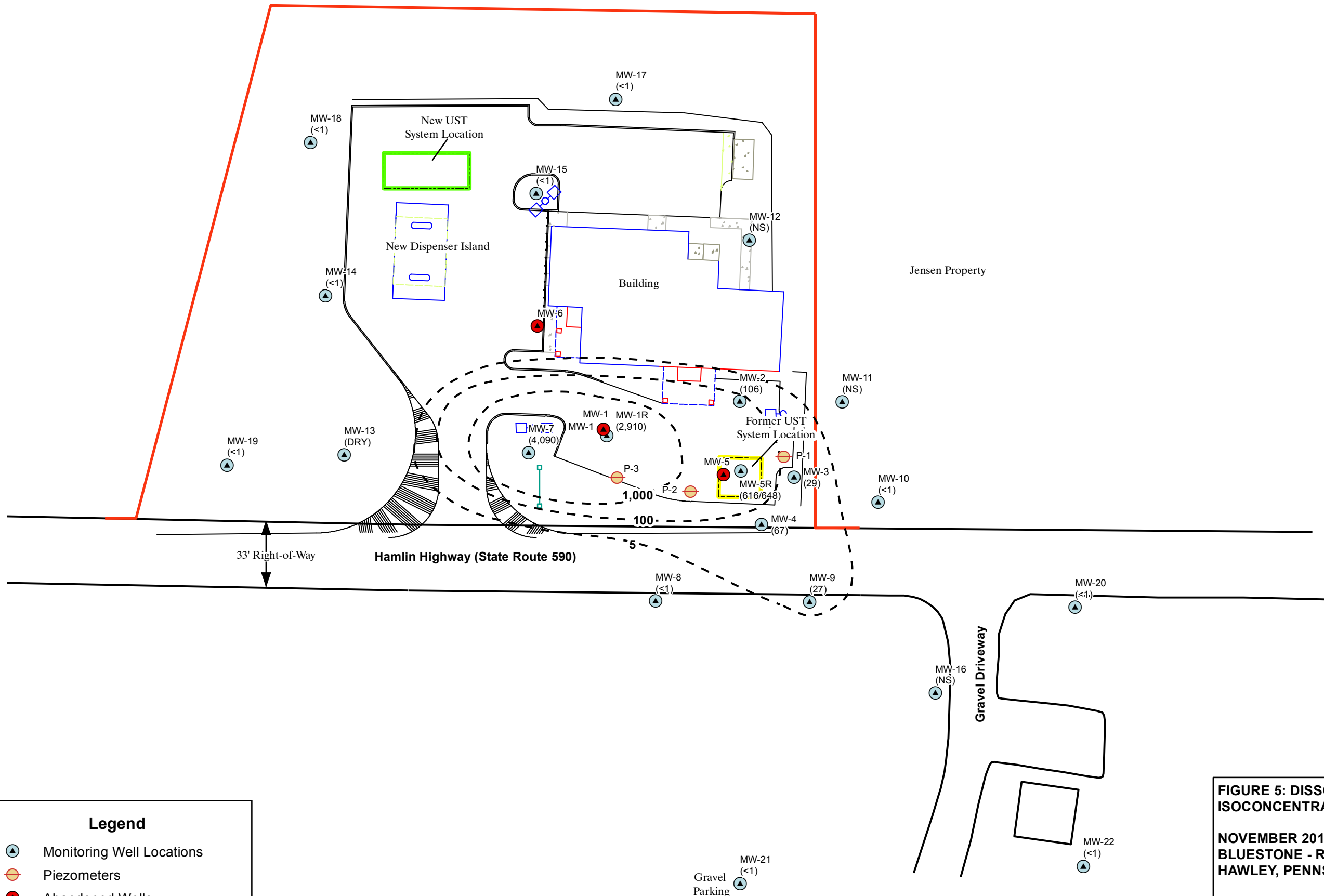
Converse Project Number 11-17788-01



Converse Consultants
2738 West College Avenue
State College, PA 16801







Legend

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

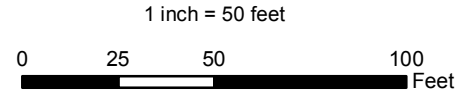
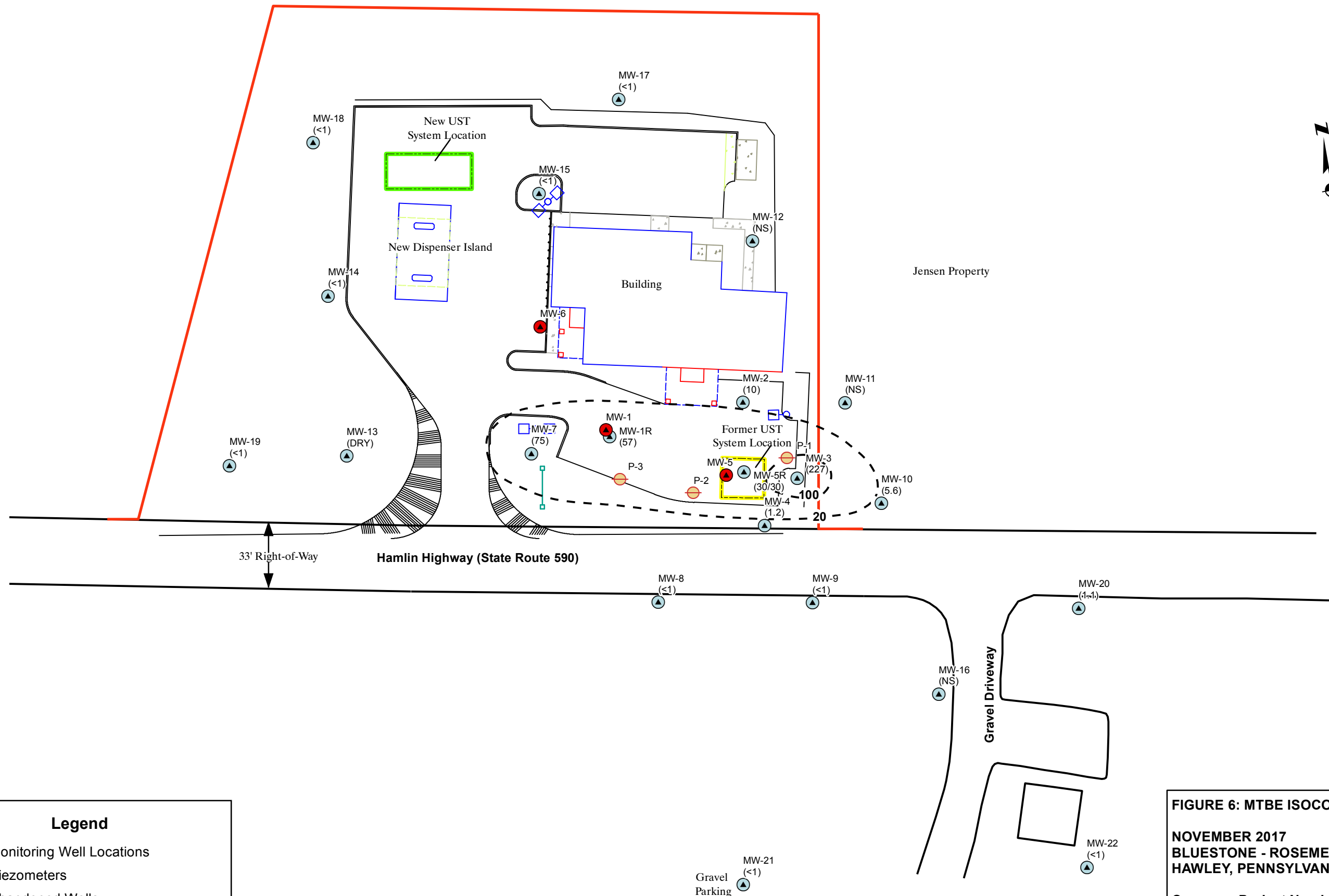


FIGURE 5: DISSOLVED BENZENE ISOCONCENTRATION MAP

NOVEMBER 2017
BLUESTONE - ROSEMERGY SITE
HAWLEY, PENNSYLVANIA

Converse Project Number 11-17788-03



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

NOVEMBER 2017
BLUESTONE - ROSEMERGY SITE
HAWLEY, PENNSYLVANIA

Converse Project Number 11-17788-01



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State College, PA 16801

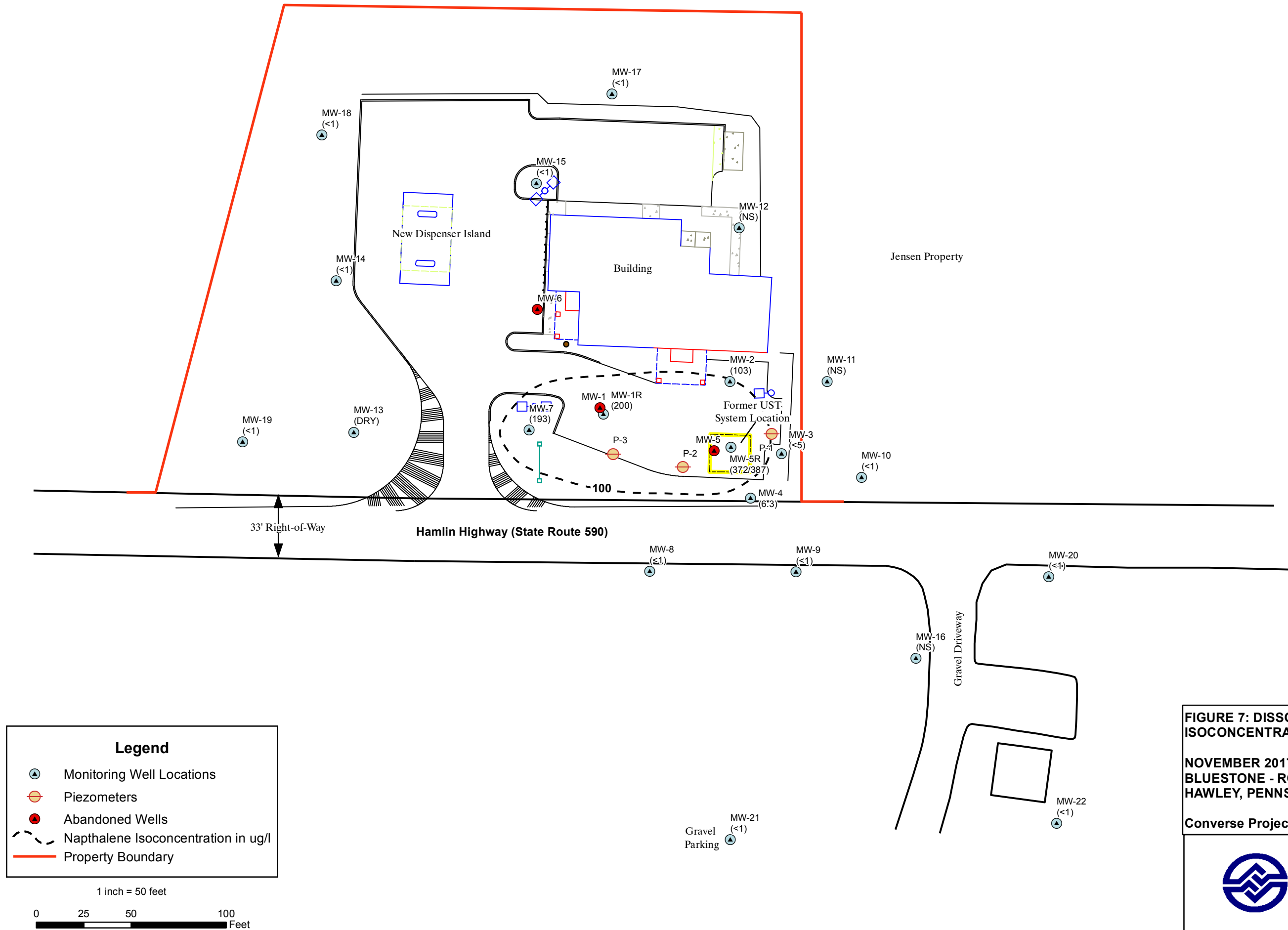
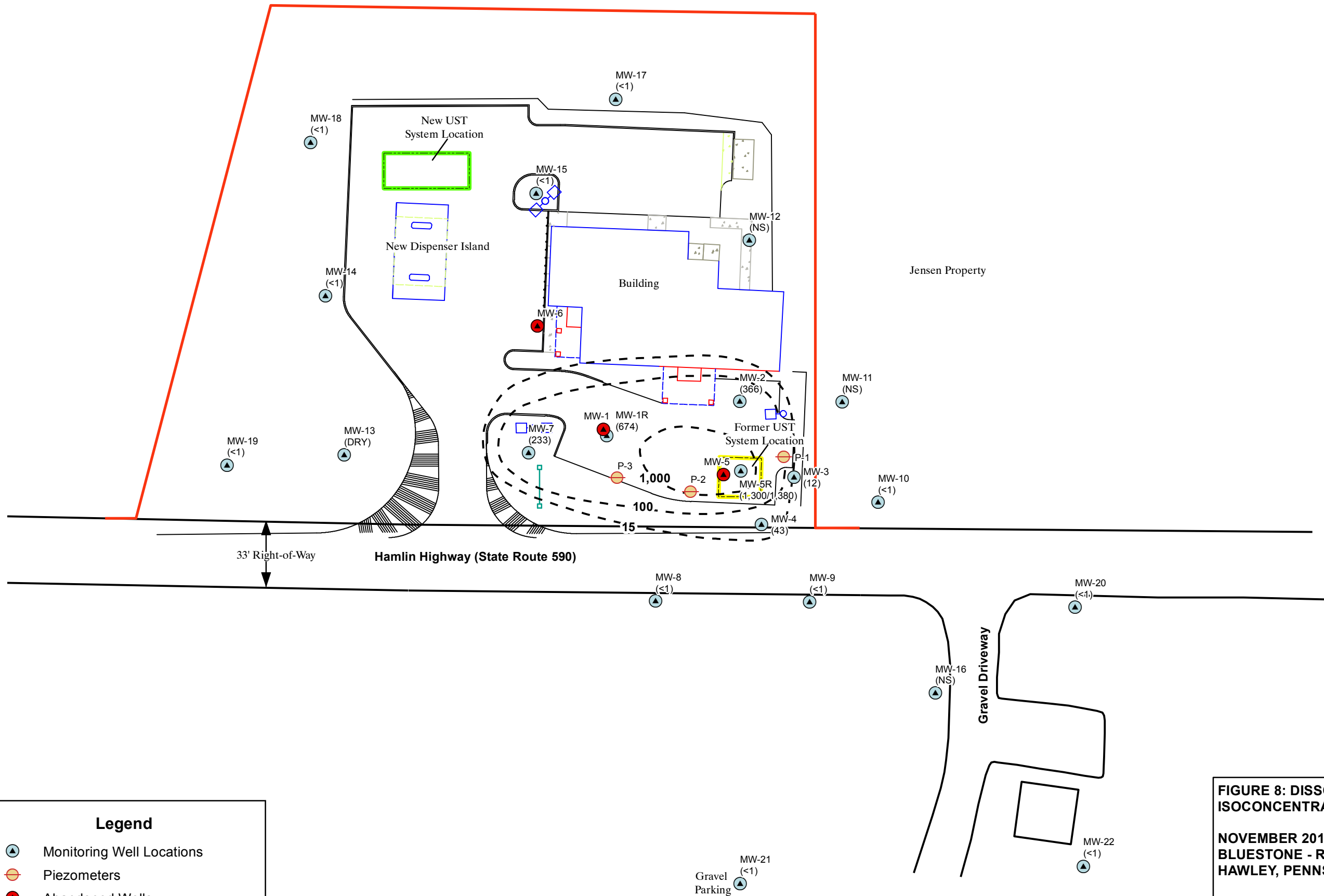


FIGURE 7: DISSOLVED NAPHTHALENE ISOCONCENTRATION MAP

NOVEMBER 2017
BLUESTONE - ROSEMERGY SITE
HAWLEY, PENNSYLVANIA

Converse Project Number 11-17788-01

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



Legend

- Monitoring Well Locations
- Piezometers
- Abandoned Wells
- 1,2,4 TMB Isoconcentration in ug/L
- Property Boundary

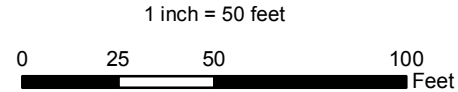
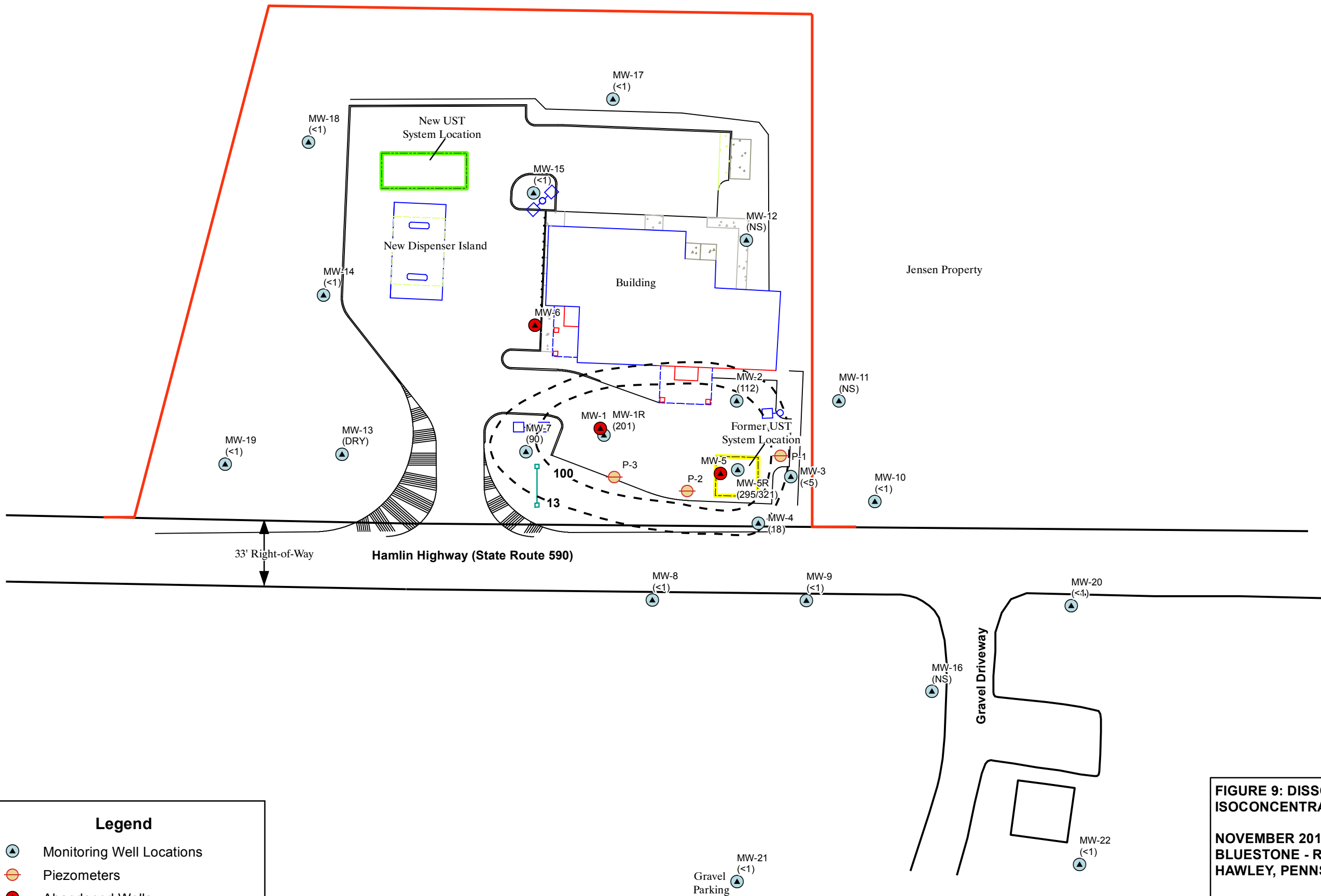


FIGURE 8: DISSOLVED 1,2,4 TMB ISOCONCENTRATION MAP

NOVEMBER 2017
BLUESTONE - ROSEMERGY SITE
HAWLEY, PENNSYLVANIA

Converse Project Number 11-17788-01



Legend

- Monitoring Well Locations
- Piezometers
- Abandoned Wells
- 1,3,5 TMB Isoconcentration in ug/L
- Property Boundary

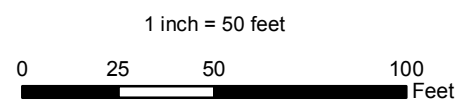


FIGURE 9: DISSOLVED 1,3,5 TMB ISOCONCENTRATION MAP

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

Converse Project Number 11-17788-01



Converse Consultants
2738 West College Avenue
State College, PA 16801

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
11/18/2017	13.00	118	180	>350	25	22	32	N/A
12/1/2017	13.00	137	174	N/A	30"	20	0	0

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	330	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
11/18/2017	321137.00	N/A	N/A	N/A	N/A	N/A	N/A	no	yes
12/1/2017	325078.00	N/A	N/A	N/A	N/A	N.A	N/A	no	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
11/18/2017	1295.11	1293.65	1292.35	1296.95	1294.53	1296.14	N/A
11/30/2017	1293.96	1293.17	1291.90	1294.43	1294.18	1294.12	1288.94
12/1/2017	1293.94	1292.70	1291.81	N/A	1293.63	N/A	1287.98

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-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
					11/30/17	8.02	1290.23

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
					11/30/17	5.68	1293.99

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
					11/30/17	4.43	1294.18

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
					11/30/17	8.1	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-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
					11/30/17	5.82	1293.54
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
					11/30/17	9.64	1288.94

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
					11/30/17	3.70	1291.57

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
					11/30/17	2.32	1291.59

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
					11/30/17	3.44	1294.17

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
					11/30/17	IA	IA

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
					11/30/17	IA	IA

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
					11/30/17	DRY	DRY

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
					11/30/17	14.97	1289.57

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
					11/30/17	10.25	1290.89

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
					11/30/17	IA	IA

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-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
					11/30/17	7.56	1289.12

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
					9/6/17	12.53	1287.85
					11/30/17	12.75	1287.63
MW-19	16.56	2-17	-0.47	1301.68	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
					6/1/17	12.98	1288.70
					9/6/17	14.45	1287.23
					11/30/17	14.90	1286.78

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-20	14.47	3-15	-0.26	1294.17	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
					2/24/17	1.00	1293.17
					6/1/17	1.22	1292.95
					9/6/17	1.37	1292.80
					11/30/17	2.30	1291.87
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
					11/30/17	2.65	1290.44

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-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
					11/30/17	1.78	1289.70

(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 on custody for specific well dates

TABLE 2
GROUNDWATER ANALYTICAL DATA
FORMER ROSEMERGY'S CONVENIENT STORE
1623 ROUTE 590
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
	Residential											
Sampling Date	Groundwater	5/8/12	6/7/12	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
Matrix	Used Aquifers	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)
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
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
Benzene	5	3,930	5,680	6,410 / 6,620	7,400 / 7,610	NS	7,740 / 8,210	7,170	6,330	6290 / 8,530	4,500 / 4,600	4,230
Toluene	1,000	13,600	10,900	15,700 / 16,100	9,960 / 10,000	NS	12,900 / 14,500	10,200	5,860	7,980 / 13,900	5,620 / 5,830	4,490
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
Xylenes (total)	10,000	11,800	12,200	8,980/9,060	5,550/5,390	NS	14,000 / 14,400	8640	11,000	8,300/14,200	9,130/9,150	7,170
Isopropylbenzene	840	1,210	395	111/405	387/386	NS	336/364	213	233	482/394	158/158	152
Methyl tert-butyl ether	20	69	<50	195 / 269	162 / 166	NS	<100 / <100	82	<100	1	<50 / <50	<50
Naphthalene	100	881	276	265 / 693	424 / 450	NS	194 / 209	254	319	652 / 696	107 / 99	239

Sample ID (Depth)	Statewide Health	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1R	MW-1R	MW-1R	MW-1R	MW-1R
	Residential										
Sampling Date	Groundwater	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	12/1/17
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)
VOLATILE ORGANIC COMPOUNDS											
1,3,5-Trimethylbenzene	420	300	270/297	<50	54/59.5	<50	<10	140	190	132	201
1,2,4-Trimethylbenzene	15	1,150	1,060/1,090	<50	198/218	<50	<10	467	684	449	674
Benzene	5	6,250	3,480/4,130	85	1810/1780	<50	<10	4510	3680	1970	2910
Toluene	1,000	6,030	6,820/6,910	94	1850/1860	<50	<10	2400	3040	1800	1290
Ethylbenzene	700	1,700	1,180/1,310	<50	333/368	<50	<10	806	1120	672	1150
Xylenes (total)	10,000	8,930	7380/8,110	<100	1810/1960	<100	<20	2960	4190	2830	4020
Isopropylbenzene	840	175	118/138	<50	<50	<50	<10	98	103	83	130
Methyl tert-butyl ether	20	<50	<50/5.8	<50	<50	<50	<10	65	59	84	57
Naphthalene	100	252	322/313	<50	75/83.5	<50	<10	156	196	130	200

NS - Not Sampled
IA- Inaccessible
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 - 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
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS												
1,3,5-Trimethylbenzene	420	635	687	406	406	NS	255	NS	112/195	201	<5	<5
1,2,4-Trimethylbenzene	15	1,820	1,940	1,200	1,110	NS	612	NS	279/585	721	16	29
Benzene	5	791	272	273	164	NS	115	NS	50/1,040	1,320	23	42
Toluene	1,000	1,520	1,460	958	514	NS	298	NS	3090/3,830	5,720	16	44
Ethylbenzene	700	765	752	828	634	NS	391	NS	424/831	1,330	18	38
Xylenes (total)	10,000	4,060	3,470	1,380	875	NS	586	NS	1070/2,110	3,060	30	50
Isopropylbenzene	840	1,020	246	3,227	255	NS	153	NS	97.1/190	187	<5	9.4
Methyl tert-butyl ether	20	32.6	<20	<50	<10	NS	<10	NS	<10/27.7	32.7	<5	<5
Naphthalene	100	898	145	240	265	NS	160	NS	159/344	235	15	31

Sample ID (Depth)	Statewide Health	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	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	11/30/17	
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)	
VOLATILE ORGANIC COMPOUNDS												
1,3,5-Trimethylbenzene	420	49.5	15	146	36	251	234	37/34	51	10.5	112	
1,2,4-Trimethylbenzene	15	244	116	458	291	809	963	170/164	176	70	366	
Benzene	5	310	78	886	399	876	529	32/21	16	17	106	
Toluene	1,000	1,130	127	3,790	1,110	4520	3100	60/53	64	43	176	
Ethylbenzene	700	337	107	690	382	1120	1170	110/104	101	48	473	
Xylenes (total)	10,000	868	120	1910	715	3300	3070	196/181	183	83	499	
Isopropylbenzene	840	59	33	113	<5	210	188	37/32	41	20	90	
Methyl tert-butyl ether	20	<5	<5	<5	<5	<5	<10	<10/<5	<10	<5	10	
Naphthalene	100	46	37	146	55	266	232	27/24	22	13	103	

NS - Not Sampled
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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-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
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
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS												
1,3,5-Trimethylbenzene	420	<10	<10	<5	<2	NS	NS	<10	22.4	<10	<5	<1
1,2,4-Trimethylbenzene	15	<10	<10	5.2	<2	NS	NS	38.5	87.1	10	<5	<1
Benzene	5	273	236	91	88	NS	NS	788	476	318	2.4	<1
Toluene	1,000	86	<10	<5	<2	NS	NS	62.8	109	<10	<5	<1
Ethylbenzene	700	12	<10	<5	3.2	NS	NS	56.8	145	11	<5	<1
Xylenes (total)	10,000	49	<20	<10	7.2	NS	NS	122	541	<20	<10	<2
Isopropylbenzene	840	<10	11	13	6.9	NS	NS	44	50	18	<5	<1
Methyl tert-butyl ether	20	768	684	375	348	NS	NS	1,180	1,190	2,560	30.9	<1
Naphthalene	100	<10	<10	<5	2.5	NS	NS	<10	26	18	<5	<1

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
Sampling Date	Groundwater	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	12/1/17
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS												
1,3,5-Trimethylbenzene	420	3.4	1.5	<1	3.7	<1	<1	<1	3.3	<1	1.5	<5
1,2,4-Trimethylbenzene	15	13	6.1	1.8	13	<1	<1	<1	32	2.4	6.4	12.0
Benzene	5	207	82.4	<1	189	3.5	<1	<1	50	8.6	50	29
Toluene	1,000	12	13	<1	54	3.3	<1	<1	6.5	<1	8.3	<5
Ethylbenzene	700	15	20	1.1	43	1.5	<1	<1	43	8	14	25
Xylenes (total)	10,000	39	28	<2	62	4.2	<2	<2	38	<2	26	18
Isopropylbenzene	840	35	11	<1	28	<1	<1	<1	16	7	10	11
Methyl tert-butyl ether	20	636	419	<1	397	<1	<1	<1	38	186	549	227
Naphthalene	100	4.7	1.6	<1	4.3	<1	<1	<1	3.9	<1	1.9	<5

NS - Not Sampled

IA- Inaccessible

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-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
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
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS												
1,3,5-Trimethylbenzene	420	594	590	736	NS	NS	NS	358	128	5.15	1.2	1.9
1,2,4-Trimethylbenzene	15	1,400	2,210	2,000	NS	NS	NS	1,250	445	14.1	2.0	4.9
Benzene	5	4,120	2,460	3,040	NS	NS	NS	301	225	2,130	6.6	4.3
Toluene	1,000	19,700	9,210	2,860	NS	NS	NS	2,060	864	66	10	11
Ethylbenzene	700	1,420	2,000	2,290	NS	NS	NS	1,050	452	87	2.9	4.2
Xylenes (total)	10,000	9,440	10,400	5,540	NS	NS	NS	4,720	2,070	62	13	21
Isopropylbenzene	840	728	228	433	NS	NS	NS	178	66	44	<1	<1
Methyl tert-butyl ether	20	15	<50	56.9	NS	NS	NS	<20	<20	11	<1	<1
Naphthalene	100	1,090	244	604	NS	NS	NS	205	74	20	<1	<1

Sample ID (Depth)	Statewide Health Standards	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
Sampling Date	Groundwater	8/26/15	11/13/15	12/9/15	3/31/16	6/23/16	###	12/8/16	2/24/17	6/1/17	9/6/17	12/1/17
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS												
1,3,5-Trimethylbenzene	420	131	8.2	55	58	24	47	<5	<5	8.8	<1	18
1,2,4-Trimethylbenzene	15	473	20.1	175	214	62.7	119	<5	<5	35	<1	43
Benzene	5	75	7.3	36	25	95	142	<5	<5	7.7	<1	67
Toluene	1,000	304	15	148	150	181	248	<5	<5	17	<1	61
Ethylbenzene	700	390	8.4	139	207	92	127	<5	<5	29	<1	46
Xylenes (total)	10,000	1,650	41	623	870	301	515	<10	<10	98	<2	150
Isopropylbenzene	840	88.4	2.4	22	33	12	21	<5	<5	5.9	<1	10
Methyl tert-butyl ether	20	<1	<1	<5	<5	<2	<5	<5	<5	<1	<1	1.2
Naphthalene	100	94	1.9	18	32	14	21	<5	<5	3.6	<1	6.3

NS - Not Sampled

IA- Inaccessible

All concentrations in micrograms per liter (ug/L)

WD - Well Destroyed

NAME?
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
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
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)
VOLATILE ORGANIC COMPOUNDS											
1,3,5-Trimethylbenzene	420	155	15	<10	<2	NS	<2	WD	437	388/370	430
1,2,4-Trimethylbenzene	15	427	36	14	<2	NS	<2	WD	1,680	1,510 / 2,460	1,670
Benzene	5	14	4.3	90	2.4	NS	<2	WD	3,960	5,450 / 11,200	6,210
Toluene	1,000	116	14	<10	<2	NS	<2	WD	13,600	16,600 / 33,700	17,500
Ethylbenzene	700	107	15	81	<2	NS	<2	WD	2,740	2,430 / 4,420	3,110
Xylenes (total)	10,000	403	39	<20	<4	NS	<4	WD	9,460	10,900 / 20,800	14,100
Isopropylbenzene	840	52	<10	25	<2	NS	<2	WD	197	1	186
Methyl tert-butyl ether	20	<5	<10	13	2.8	NS	<2	WD	34	<50 / 35	<50
Naphthalene	100	94	<10	<10	<2	NS	<2	WD	331	376 / 436	316

Sample ID (Depth)	Statewide Health Standards	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5	MW-5	MW-5	MW-5
Sampling Date	Groundwater	###	3/31/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17	11/30/17
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS										
1,3,5-Trimethylbenzene	420	434	355/347	378	415	562	433	351	395	295 / 321
1,2,4-Trimethylbenzene	15	1,700	1,360 / 1,320	1,470	1,790	2,260	1,700	1,440	1,600	1300 / 1380
Benzene	5	4,690	4,790 / 4,670	445	4,610	4,120	2,270	1,930	502	616 / 648
Toluene	1,000	18,200	14,100 / 12,000	450	13,000	9,530	4,200	1,470	4,840	2410 / 2490
Ethylbenzene	700	2,500	2,350 / 2,300	1,980	2,680	2,570	2,710	2,260	2,360	2160 / 2290
Xylenes (total)	10,000	12,200	10,300 / 10,100	6,440	12,400	11,500	11,100	6,820	10,400	7560 / 8040
Isopropylbenzene	840	170	154	220	176	225	185	175	162	143 / 152
Methyl tert-butyl ether	20	<50	<100	<50	14	<25	14	<25	<50	30 / 30
Naphthalene	100	443	349 / 330	485	477	545	405	326	461	372 / 387

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)
VOLATILE ORGANIC COMPOUNDS				
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

IA- Inaccessible

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
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
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)
VOLATILE ORGANIC COMPOUNDS											
1,3,5-Trimethylbenzene	420	8.5	12	NS	NS	<20	56.2	158	<25	<25	91.5/85.8
1,2,4-Trimethylbenzene	15	5.2	6.4	NS	NS	40	153	300	50	61	238 / 229
Benzene	5	7,480	5,100	NS	NS	390	2,200	6,120	884	582	4,780 / 4,540
Toluene	1,000	63	55	NS	NS	<20	66	296	300	193	279/275
Ethylbenzene	700	34	31	NS	NS	<20	299	800	120	91	436/438
Xylenes (total)	10,000	32	33	NS	NS	97	436	1,120	293	314	876/849
Isopropylbenzene	840	43	55	NS	NS	<20	52	167	<25	<25	85/91
Methyl tert-butyl ether	20	546	449	NS	NS	<20	48	192	<25	<25	75 / 73
Naphthalene	100	44	79	NS	NS	<20	65	222	<25	<25	134 / 127

Sample ID (Depth)	Statewide Health Standards	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7
Sampling Date	Groundwater	12/9/2015	3/30/2016	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17	11/30/17
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS										
1,3,5-Trimethylbenzene	420	18	71	104	198	128	<25	<25	<50	90
1,2,4-Trimethylbenzene	15	48	199	308	578	316	43	27	76	233
Benzene	5	917	2320	4,600	6,860	4,360	4070	9180	3470	4090
Toluene	1,000	157	767	980	716	117	59	66	50	63
Ethylbenzene	700	97	391	612	1120	726	231	68	174	645
Xylenes (total)	10,000	222	1010	1,700	2,510	793	87	<50	242	387
Isopropylbenzene	840	23	68	99	177	133	103	156	86	164
Methyl tert-butyl ether	20	16	16	32	62	72.5	81	240	<50	75
Naphthalene	100	33	107	193	281	208	103	97	76	193

NS - Not Sampled

IA- Inaccessible

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-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
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)
VOLATILE ORGANIC COMPOUNDS											
1,3,5-Trimethylbenzene	420	<2	<1	NS	<1	<1	5.2	1.3	1.6	1.5	2.2
1,2,4-Trimethylbenzene	15	<2	<1	NS	<1	<1	19	4.1	5.4	5.5	7.5
Benzene	5	<2	<1	NS	<1	<1	8.8	2.1	15	7.1	10
Toluene	1,000	<2	<1	NS	<1	<1	13	3.6	35	19	22
Ethylbenzene	700	<2	<1	NS	<1	<1	19	3.6	7.5	5.1	6.9
Xylenes (total)	10,000	<4	<2	NS	<2	<2	91	17	37	27	34
Isopropylbenzene	840	<2	<1	NS	<1	<1	2.6	<1	<1	<1	<1
Methyl tert-butyl ether	20	2.7	<1	NS	<1	<1	<1	<1	<1	<1	<1
Naphthalene	100	<2	<1	NS	<1	<1	3.6	1.2	1.0	<1	<1

Sample ID (Depth)	Statewide Health Standards	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8
Sampling Date	Groundwater	12/9/15	3/30/2016	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17	11/30/17
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS										
1,3,5-Trimethylbenzene	420	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	2.7	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5	1.6	3.4	<1	8.3	<1	<1	<1	<1	<1
Toluene	1,000	8.1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	2.1	<1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	11	<2	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	840	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methyl tert-butyl ether	20	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	100	<1	<1	<1	<1	<1	<1	<1	<1	<1

NS - Not Sampled

IA- Inaccessible

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
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
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS												
1,3,5-Trimethylbenzene	420	<2	<1	NS	<1	<1	8.7	7.7	<10	41	24	15
1,2,4-Trimethylbenzene	15	<2	<1	NS	<1	<1	36	<5	<10	65	24	12
Benzene	5	13	17	NS	96	58	83	19	853	1050	1590	1210
Toluene	1,000	<2	<1	NS	<1	2.2	40	<5	81	178	113	112
Ethylbenzene	700	<2	<1	NS	3.2	2.0	41	9.7	66	152	175	251
Xylenes (total)	10,000	<4	<2	NS	<2	<2	165	17.4	66	298	153	73
Isopropylbenzene	840	<2	<1	NS	5.5	5.7	9.9	<5	39	83	77	93
Methyl tert-butyl ether	20	8	2.9	NS	9.4	5.9	5.1	<5	11	<10	<10	<10
Naphthalene	100	<2	<1	NS	<1	<1	8.1	<5	15	69	36	61

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
Sampling Date	Groundwater	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	11/30/17
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)
VOLATILE ORGANIC COMPOUNDS											
1,3,5-Trimethylbenzene	420	15	17	36	<25	<5	<5	<5	<5/<1	<5	<1
1,2,4-Trimethylbenzene	15	17	10	34	26	<5	<5	<5	<5/<1	<5	<1
Benzene	5	1510	1600	1660	857	387	500	243	86 / 108	66	27
Toluene	1,000	116	97	210	214	28	19	8.9	<5/3.2	<5	1.8
Ethylbenzene	700	265	244	284	152	81	67	25	<5/5.9	<5	2.2
Xylenes (total)	10,000	99	67	208	184	17	<10	<10	<10/<2	<10	<2
Isopropylbenzene	840	97	90	102	54	37	39	26	0.8	8.0	4.2
Methyl tert-butyl ether	20	<10	<10	<25	<25	<5	<5	<5	<5/2.1	<5	<1
Naphthalene	100	84	79	87	63	16	8.5	<5	<5/<1	<5	<1

NS - Not Sampled

IA- Inaccessible

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-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
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)
VOLATILE ORGANIC COMPOUNDS											
1,3,5-Trimethylbenzene	420	WNI	WNI	<2	<1	<1	<1	1.7	<1	1.1	1.4
1,2,4-Trimethylbenzene	15	WNI	WNI	<2	<1	<1	<1	4.8	2.6	5.0	4.5
Benzene	5	WNI	WNI	<0.24	<1	<1	<1	13	14	50	27
Toluene	1,000	WNI	WNI	<2	<1	<1	<1	14	15	10	5.7
Ethylbenzene	700	WNI	WNI	<2	<1	<1	<1	7.2	3.7	3.2	3.4
Xylenes (total)	10,000	WNI	WNI	<4	<2	<2	<2	32	17	16	15
Isopropylbenzene	840	WNI	WNI	<2	<1	<1	<1	1.2	<1	6.1	3.5
Methyl tert-butyl ether	20	WNI	WNI	<2	<1	<1	12	13	24	116	106
Naphthalene	100	WNI	WNI	<2	NS	<1	<1	1.0	<1	<1	<1

Sample ID (Depth)	Statewide Health Standards	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10
Sampling Date	Groundwater	12/9/15	3/30/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17	12/1/17
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS										
1,3,5-Trimethylbenzene	420	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5	33	11	15	1.0	1.7	14	14	12	<1
Toluene	1,000	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	<1	<1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	<2	<2	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	840	4.9	1.4	3.2	1.3	<1	3.2	3.6	5.7	<1
Methyl tert-butyl ether	20	106	17	24	11	5.9	11	15	13	5.6
Naphthalene	100	<1	<1	<1	<1	<1	<1	<1	<1	<1

NS - Not Sampled

IA- Inaccessible

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
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
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)
VOLATILE ORGANIC COMPOUNDS											
1,3,5-Trimethylbenzene	420	WNI	WNI	<2	<1	<1	<1	2.6	1.8	1.3	1.8
1,2,4-Trimethylbenzene	15	WNI	WNI	<2	<1	<1	<1	9.8	6.3	4.01	6.0
Benzene	5	WNI	WNI	0.3	<1	<1	<1	19	32	5.65	3.8
Toluene	1,000	WNI	WNI	<2	<1	<1	<1	20	51	12	6.7
Ethylbenzene	700	WNI	WNI	<2	<1	<1	<1	10	12	3.9	4.3
Xylenes (total)	10,000	WNI	WNI	<4	<2	<2	<2	47	53	18	19
Isopropylbenzene	840	WNI	WNI	<2	<1	<1	<1	1.6	1.5	<1	1.3
Methyl tert-butyl ether	20	WNI	WNI	<2	<1	<1	<1	<1	<1	<1	<1
Naphthalene	100	WNI	WNI	<2	<1	<1	<1	2.2	1.5	<1	1.5

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

NS - Not Sampled

IA- Inaccessible

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-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
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)
VOLATILE ORGANIC COMPOUNDS											
1,3,5-Trimethylbenzene	420	<2	<1	NS	<1	<1	6.7	<1	2.3	4.7	4.5
1,2,4-Trimethylbenzene	15	<2	<1	NS	<1	<1	20	<1	8.3	17.7	15.7
Benzene	5	2.1	<1	NS	1.4	1.4	20	<1	26	21	22
Toluene	1,000	6.6	<1	NS	3.1	3.1	25	<1	60	54	43
Ethylbenzene	700	<2	<1	NS	1.5	1.5	19	<1	12	17	15
Xylenes (total)	10,000	4.1	<2	NS	6.4	6.4	83	<2	60	87	67
Isopropylbenzene	840	<2	<1	NS	<1	<1	3.5	<1	1.1	2.1	2.2
Methyl tert-butyl ether	20	<2	<1	NS	<1	<1	<1	<1	<1	<1	<1
Naphthalene	100	<2	<1	NS	NS	<1	1.3	<1	1.6	3.4	4.0

Sample ID (Depth)	Statewide Health Standards	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12
Sampling Date	Groundwater	12/10/15	3/31/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17	11/30/17
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS										
1,3,5-Trimethylbenzene	420	2.5	<1	<1	5.7	<1	<1	<1	<1	IA
1,2,4-Trimethylbenzene	15	9.3	3.2	<1	20.8	<1	<1	<1	<1	IA
Benzene	5	10	11	<1	1.7	<1	<1	<1	<1	IA
Toluene	1,000	36	57	<1	18	<1	<1	<1	<1	IA
Ethylbenzene	700	7.3	9.5	<1	12	<1	<1	<1	<1	IA
Xylenes (total)	10,000	41	36	<2	37	<2	<2	<2	<2	IA
Isopropylbenzene	840	<1	<1	<1	4.3	<1	<1	<1	<1	IA
Methyl tert-butyl ether	20	<1	<1	<1	<1	<1	<1	<1	<1	IA
Naphthalene	100	1.7	<1	<1	4.5	<1	<1	<1	<1	IA

NS - Not Sampled

IA- Inaccessible

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	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	11/30/17
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)
VOLATILE ORGANIC COMPOUNDS																	
1,3,5-Trimethylbenzene	420	<1	<1	<1	4.9	DRY	1.9	DRY	4.3	<1	<1	DRY	DRY	<1	<1	<1	DRY
1,2,4-Trimethylbenzene	15	<1	<1	<1	18.9	DRY	6.8	DRY	17	<1	<1	DRY	DRY	<1	<1	<1	DRY
Benzene	5	<1	<1	<1	108	DRY	10	DRY	16	<1	<1	DRY	DRY	<1	<1	<1	DRY
Toluene	1,000	66	102	1.8	120	DRY	25	DRY	91	<1	<1	DRY	DRY	<1	<1	<1	DRY
Ethylbenzene	700	<1	<1	<1	30.5	DRY	6.67	DRY	18	<1	<1	DRY	DRY	<1	<1	<1	DRY
Xylenes (total)	10,000	<2	<2	3.6	133	DRY	34	DRY	98	<2	<2	DRY	DRY	<2	<2	<2	DRY
Isopropylbenzene	840	<1	<1	<1	3.3	DRY	<1	DRY	1.7	<1	<1	DRY	DRY	<1	<1	<1	DRY
Methyl tert-butyl ether	20	<1	<1	<1	<1	DRY	<1	DRY	<1	<1	<1	DRY	DRY	<1	<1	<1	DRY
Naphthalene	100	<1	<1	<1	6.0	DRY	1.2	DRY	3.7	<1	<1	DRY	DRY	<1	<1	<1	DRY

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	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	12/1/17
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)
VOLATILE ORGANIC COMPOUNDS																	
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
1,2,4-Trimethylbenzene	15	<1	<1	<1	26	21	9.0	9.1	6.6	<1	<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	<1
Toluene	1,000	<1	<1	<1	65	96	30	36	23	<1	<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	<1
Xylenes (total)	10,000	<2	<2	2.2	137	147	43	51	29	<2	<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	<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	7.0	3.7	1.5	2.7	1.2	<1	<1	<1	<1	<1	<1	<1	<1

NS - Not Sampled
IA- Inaccessible
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	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	12/1/17
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS																		
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
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	<1
Benzene	5	<1	<1	<1	71	29.1	27.7	38.3	22.8	<1	1.71	<1	<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	<1
Ethylbenzene	700	<1	<1	<1	31	13.4	20.6	23.4	15.2	<1	<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	<2
Isopropylbenzene	840	<1	<1	<1	4.7	1.23	2.70	3.86	1.92	<1	<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	<1
Naphthalene	100	<1	<1	<1	7.06	1.91	4.5	7.31	3.98	<1	<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	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	11/30/17
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS																		
1,3,5-Trimethylbenzene	420	<1	<1	7	NS	NS	1.7	1.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	IA
1,2,4-Trimethylbenzene	15	<1	<1	27	NS	NS	4.8	5.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	IA
Benzene	5	<1	<1	20	NS	NS	8.1	7.9	<1	<1	<1	<1	<1	<1	<1	<1	<1	IA
Toluene	1,000	<1	<1	26	NS	NS	14	12	<1	<1	<1	<1	<1	<1	<1	<1	<1	IA
Ethylbenzene	700	<1	<1	32	NS	NS	4.8	5.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	IA
Xylenes (total)	10,000	<2	<2	138	NS	NS	22	21	<2	<2	<2	<2	<2	<2	<2	<2	<2	IA
Isopropylbenzene	840	<1	<1	4.2	NS	NS	1.1	1.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	IA
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	IA
Naphthalene	100	<1	<1	1.8	NS	NS	1.1	1.9	<1	<1	<1	<1	<1	<1	<1	<1	<1	IA

NS - Not Sampled
IA- Inaccessible
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	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	12/1/17
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS												
1,3,5-Trimethylbenzene	420	<1	3.6	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	<1	13	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5	<1	15	<1	1.4	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	<1	47	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	<2	9.9	<1	<1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	<1	56	<2	<2	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	840	<1	1.2	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methyl tert-butyl ether	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	100	<1	2.2	<1	<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	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	12/1/17
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS												
1,3,5-Trimethylbenzene	420	<1	2.3	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	<1	8.5	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	5	<1	7.3	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	<1	30	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	<2	6.6	<1	<1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	<1	37	<2	<2	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	840	<1	<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	<1
Naphthalene	100	<1	1.6	<1	<1	<1	<1	<1	<1	<1	<1	<1

NS - Not Sampled

IA- Inaccessible

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	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	12/1/17
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS												
1,3,5-Trimethylbenzene	420	<1	<2	<1	<1	<1	DRY	DRY	<1	<1	<1	<1
1,2,4-Trimethylbenzene	15	<1	3.6	<1	<1	<1	DRY	DRY	<1	<1	<1	<1
Benzene	5	<1	3.0	<1	<1	<1	DRY	DRY	<1	<1	<1	<1
Toluene	1,000	<1	12	<1	<1	<1	DRY	DRY	<1	<1	<1	<1
Ethylbenzene	700	<2	2.8	<1	<1	<1	DRY	DRY	<1	<1	<1	<1
Xylenes (total)	10,000	<1	16	<2	<2	<2	DRY	DRY	<2	<2	<2	<2
Isopropylbenzene	840	<1	<2	<1	<1	<1	DRY	DRY	<1	<1	<1	<1
Methyl tert-butyl ether	20	<1	<2	<1	<1	<1	DRY	DRY	<1	<1	<1	<1
Naphthalene	100	<1	<2	<1	<1	<1	DRY	DRY	<1	<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	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	11/30/17
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS												
1,3,5-Trimethylbenzene	420	<1	<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	<1
Benzene	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	840	<1	<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	1.1
Naphthalene	100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

NS - Not Sampled

IA- Inaccessible

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	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	11/30/17
Matrix	Used Aquifers	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)
VOLATILE ORGANIC COMPOUNDS												
1,3,5-Trimethylbenzene	420	<1	<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	<1
Benzene	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	1,000	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	700	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Xylenes (total)	10,000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzene	840	<1	<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	<1
Naphthalene	100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

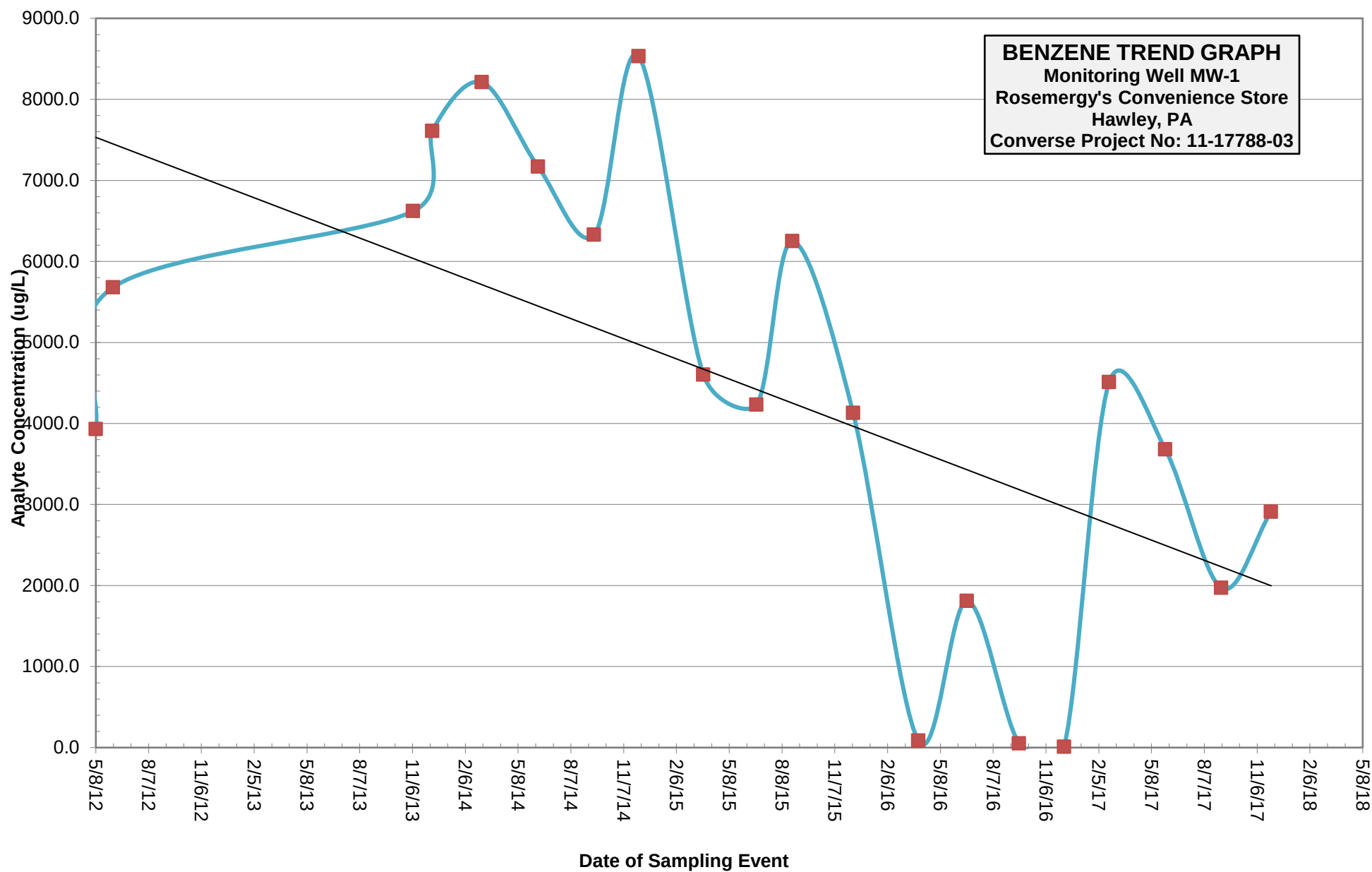
Sample ID (Depth)	Statewide Health Standards	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22
Sampling Date	Groundwater	11/12/15	12/10/15	1/20/16	3/30/16	6/23/16	9/21/16	12/8/16	2/24/17	6/1/17	9/6/17	11/30/17
Matrix	Used Aquifers	Water	Water	Water	Water	Water	Water	Water	Water	Water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

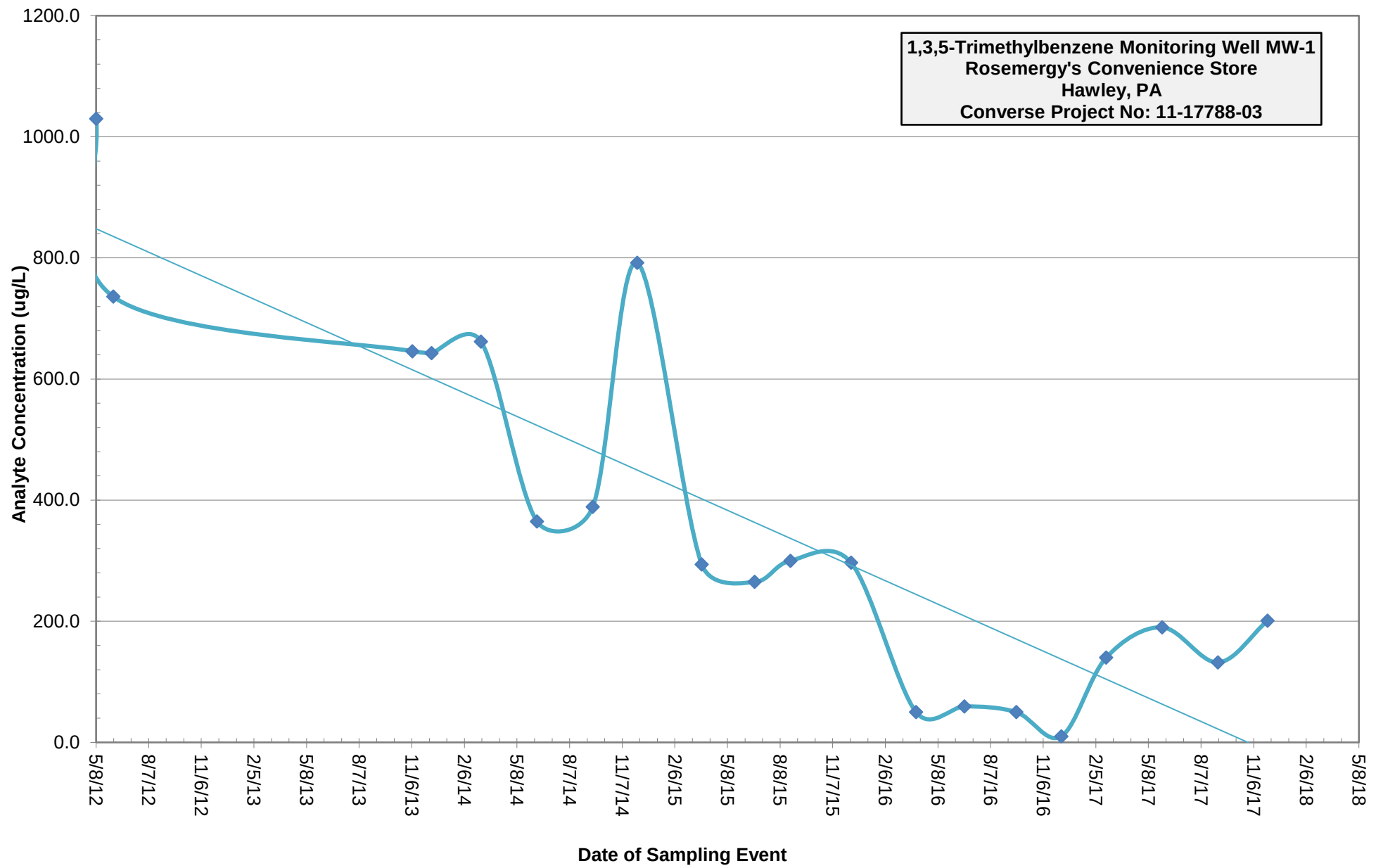
NS - Not Sampled

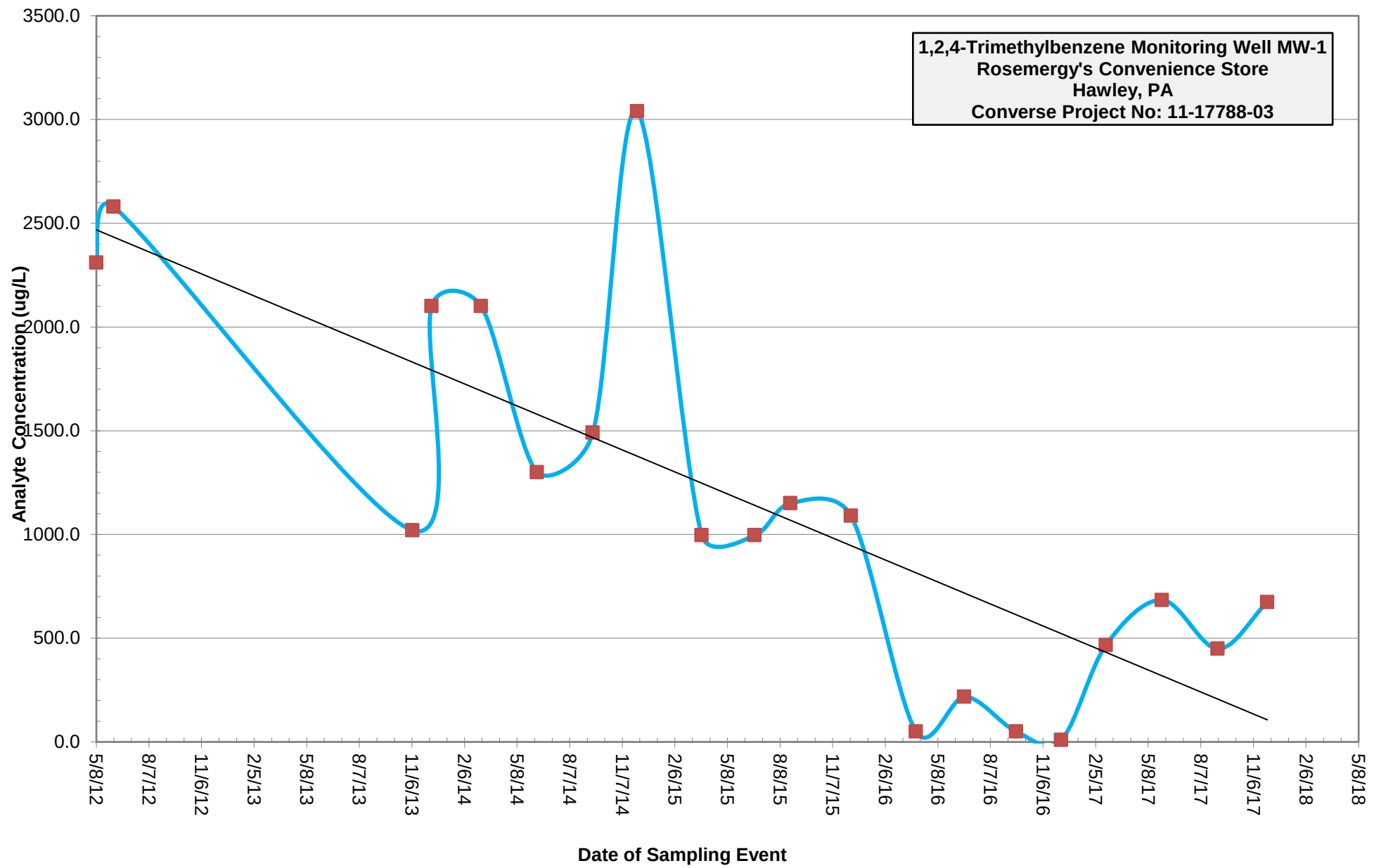
IA- Inaccessible

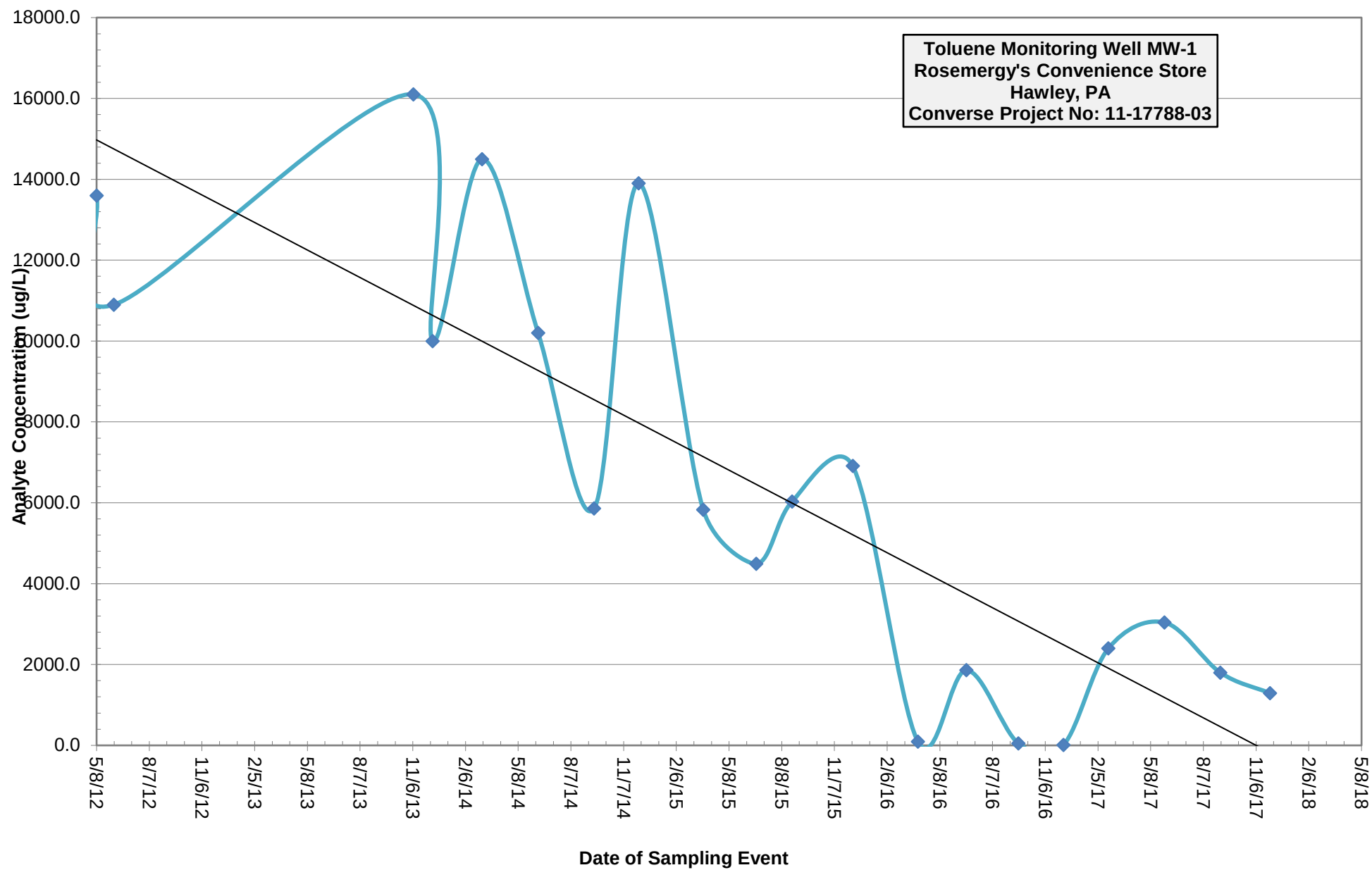
All concentrations in micrograms per liter (ug/L)

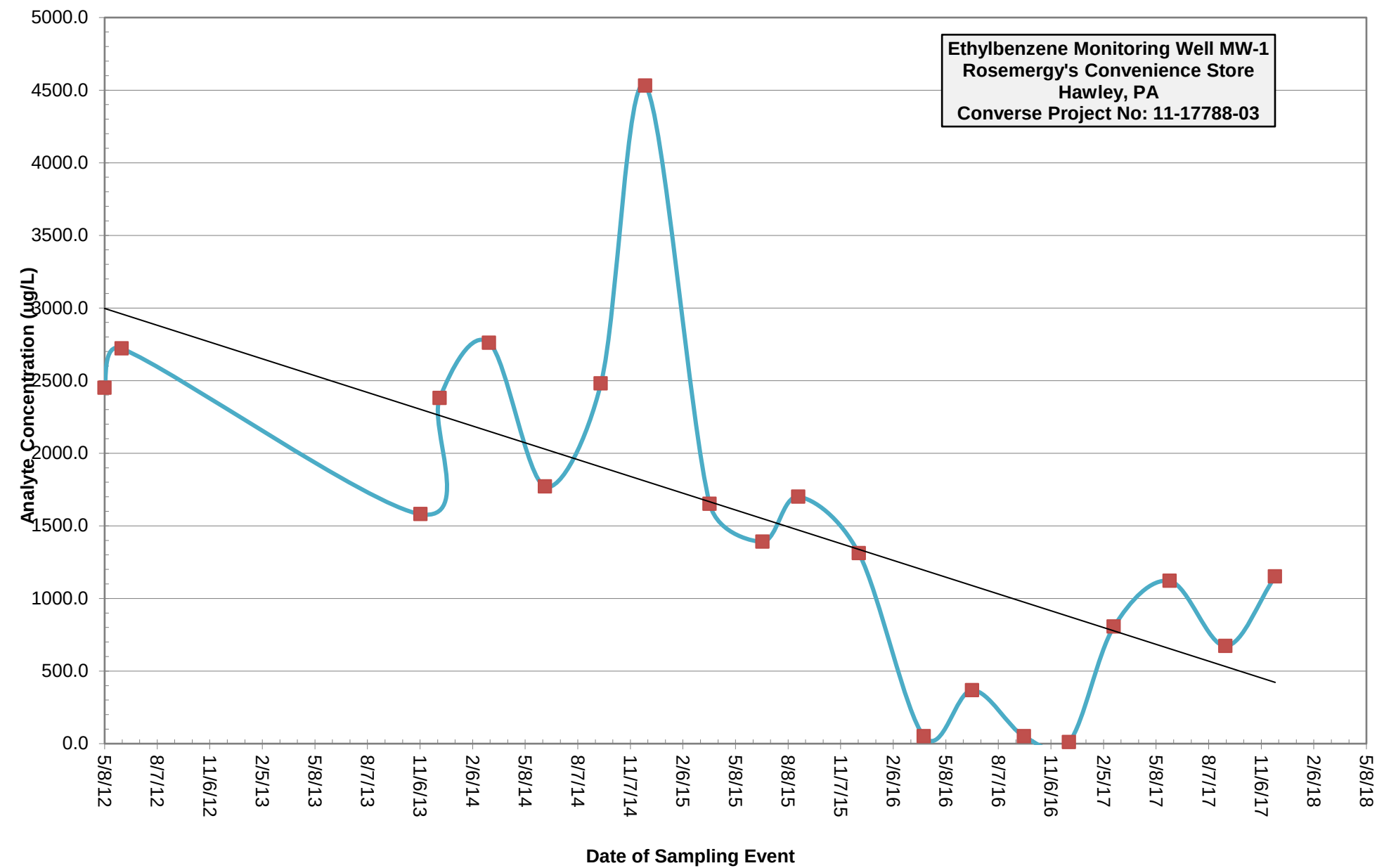
WD - Well Destroyed

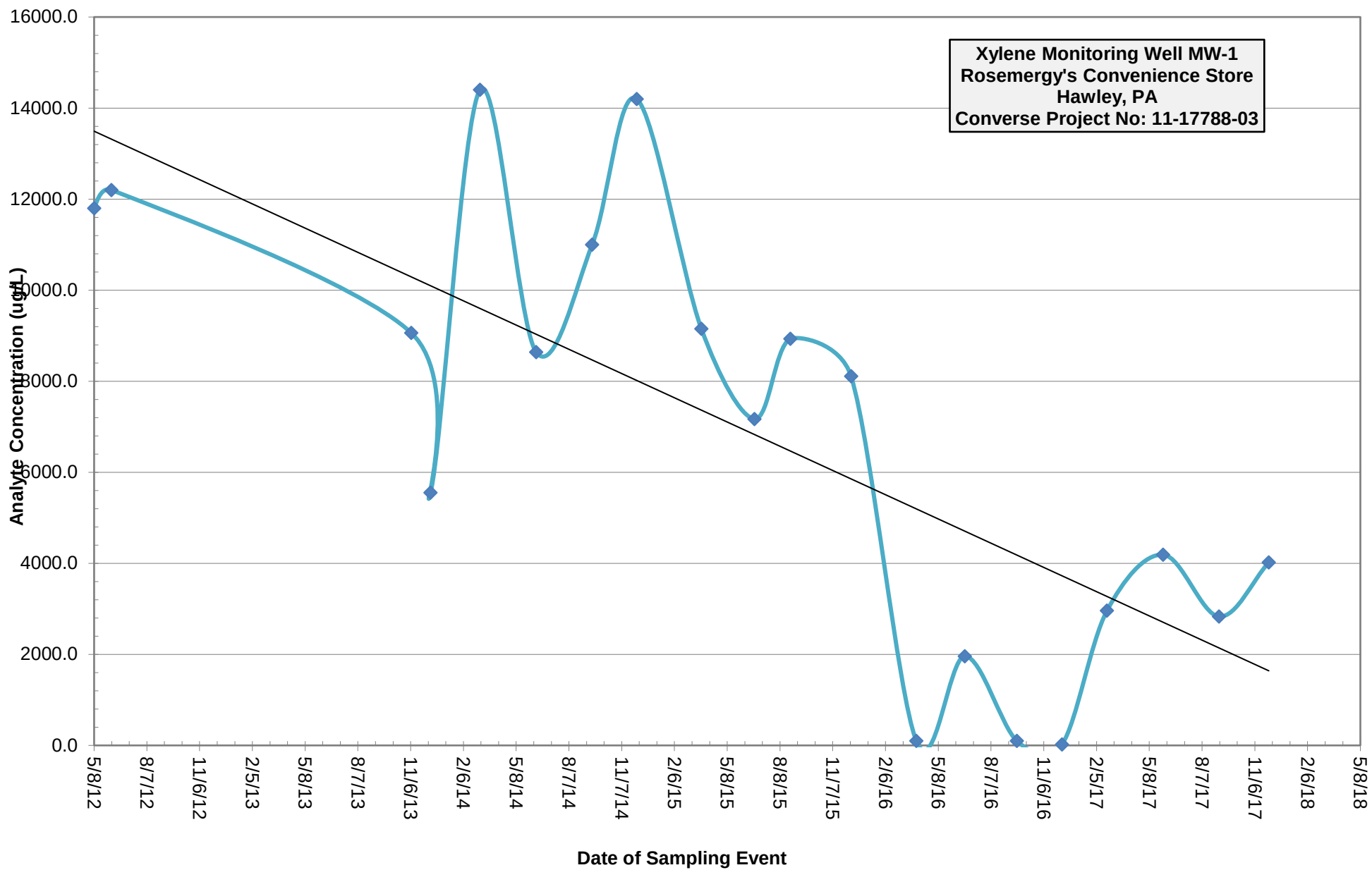


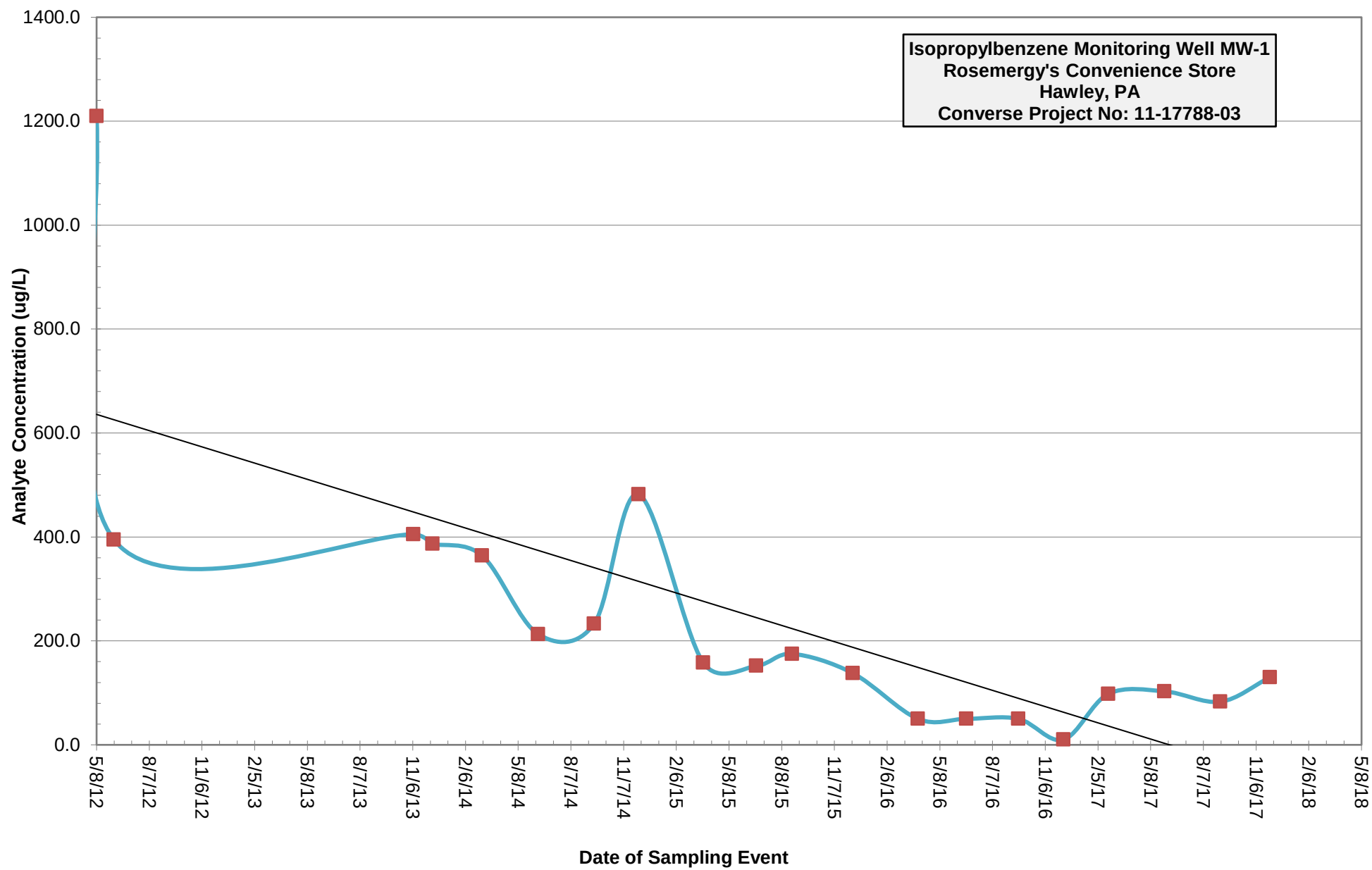




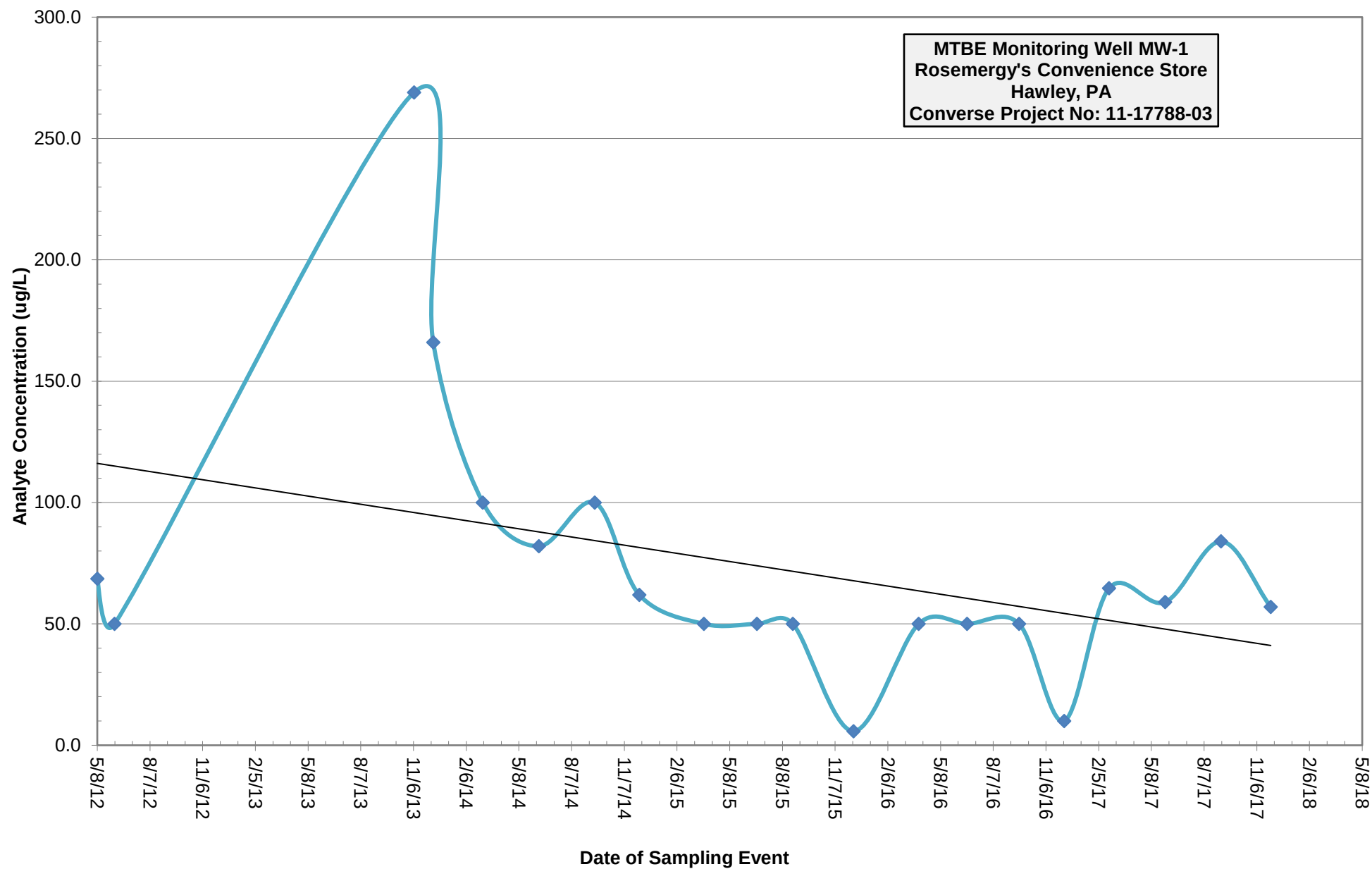




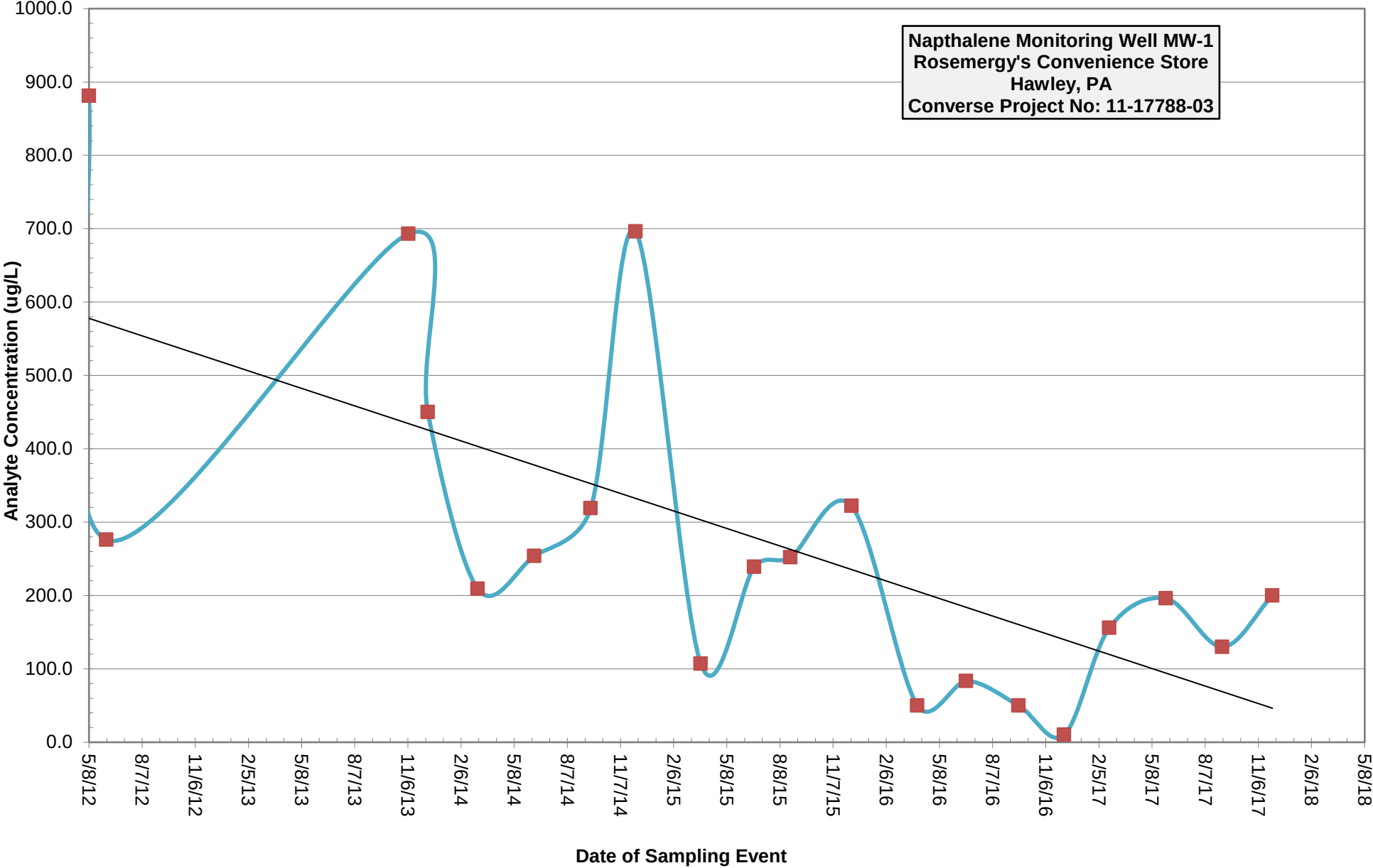


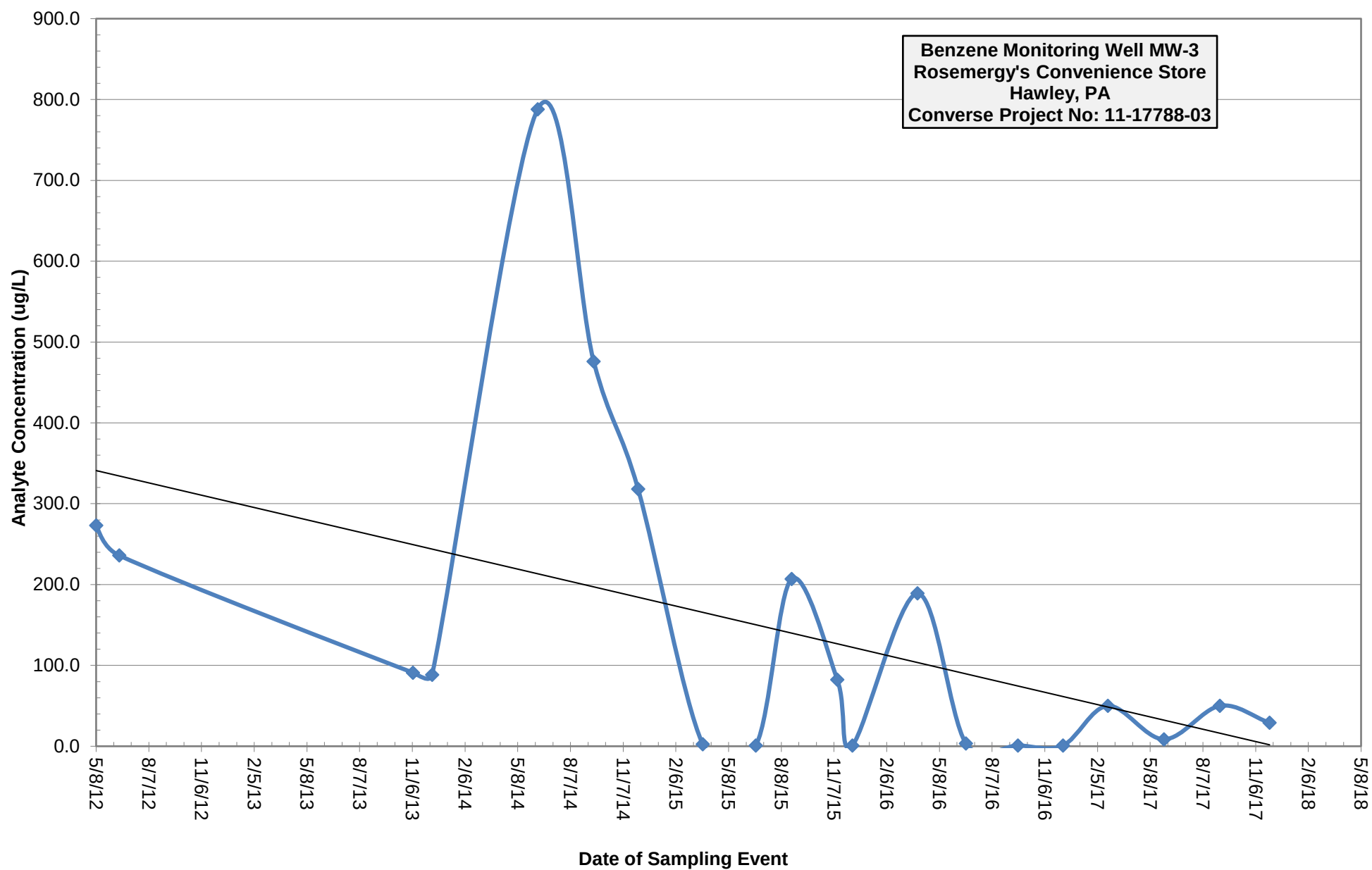


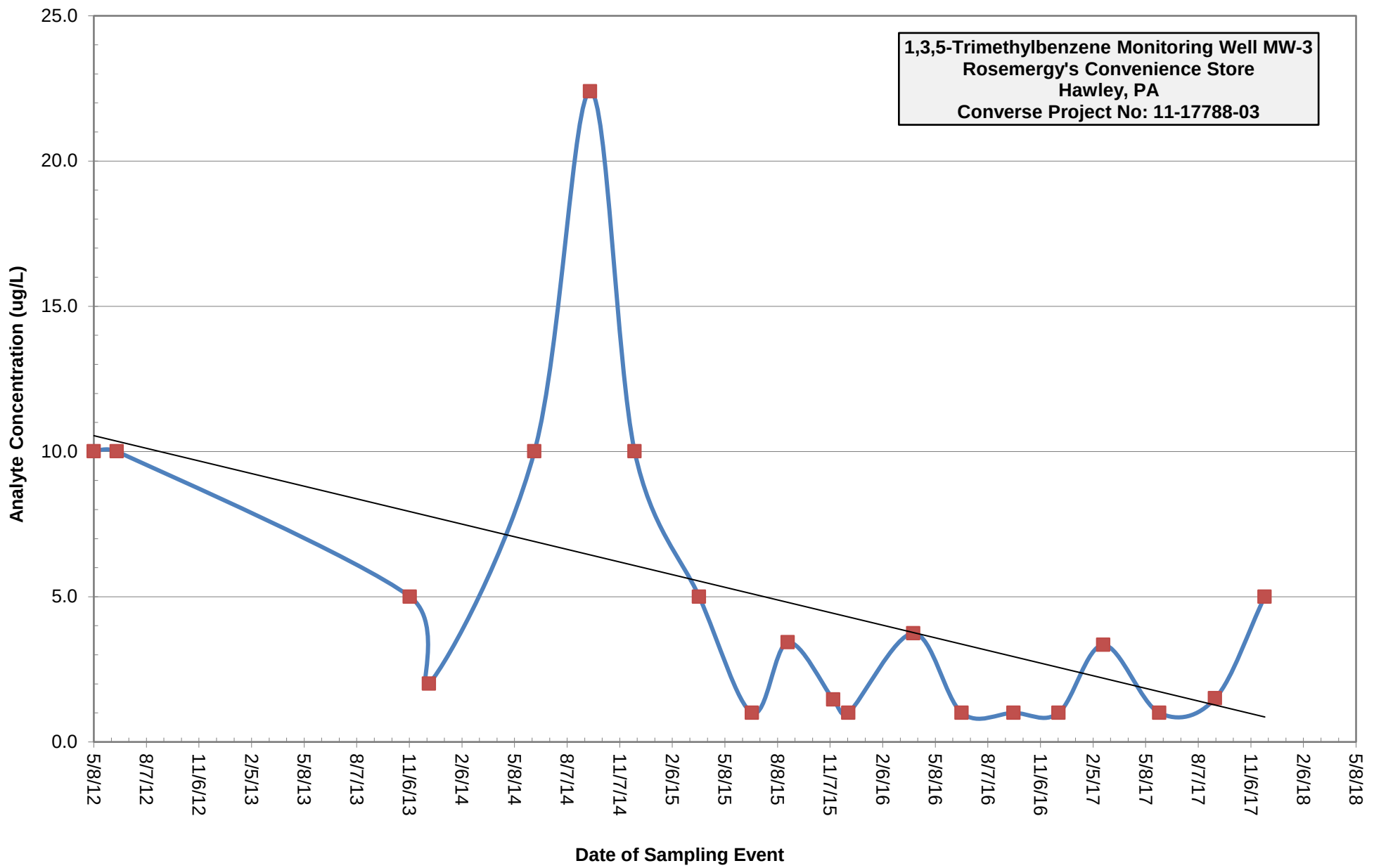
MTBE Monitoring Well MW-1
Rosemergy's Convenience Store
Hawley, PA
Converse Project No: 11-17788-03

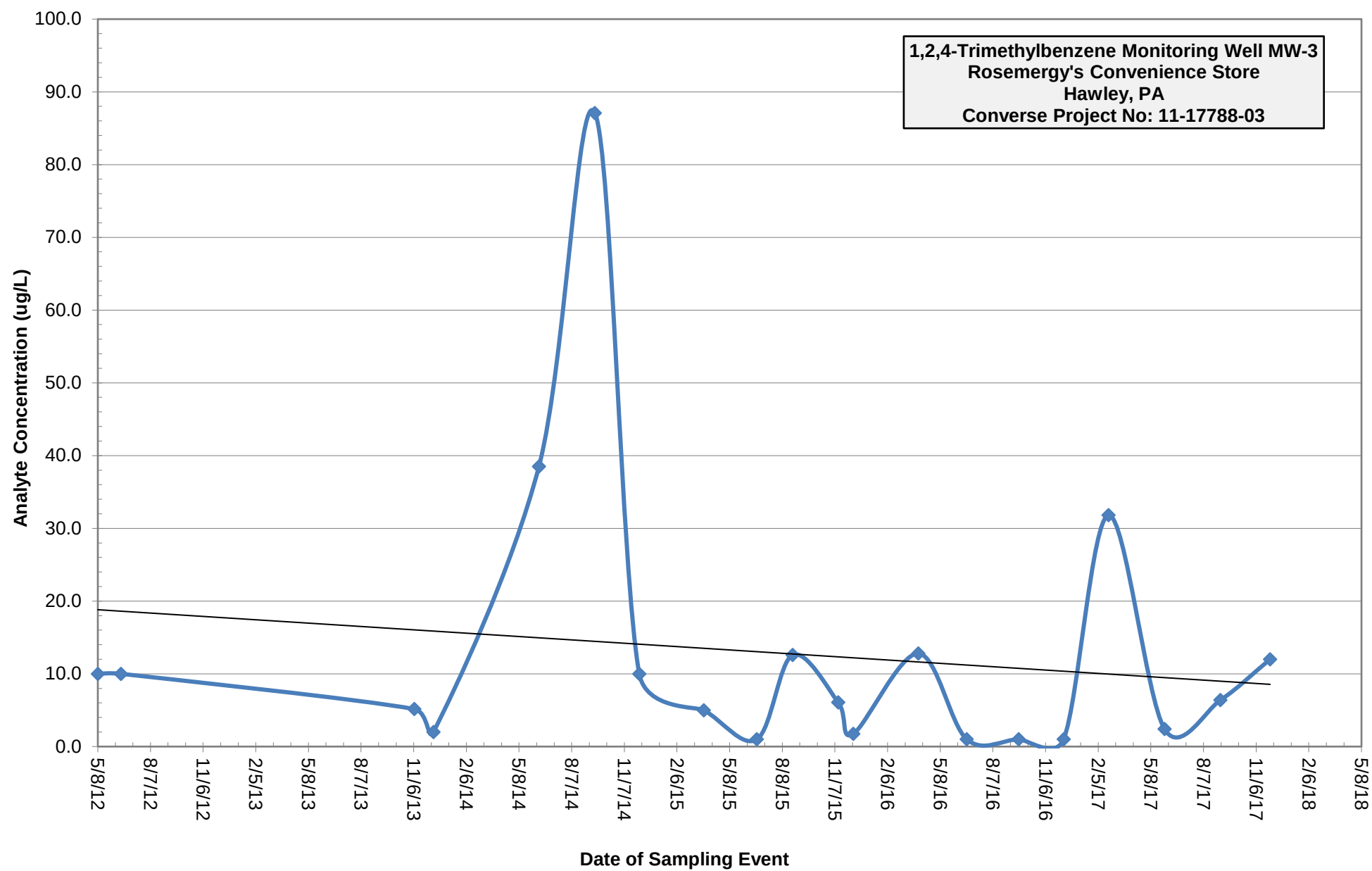


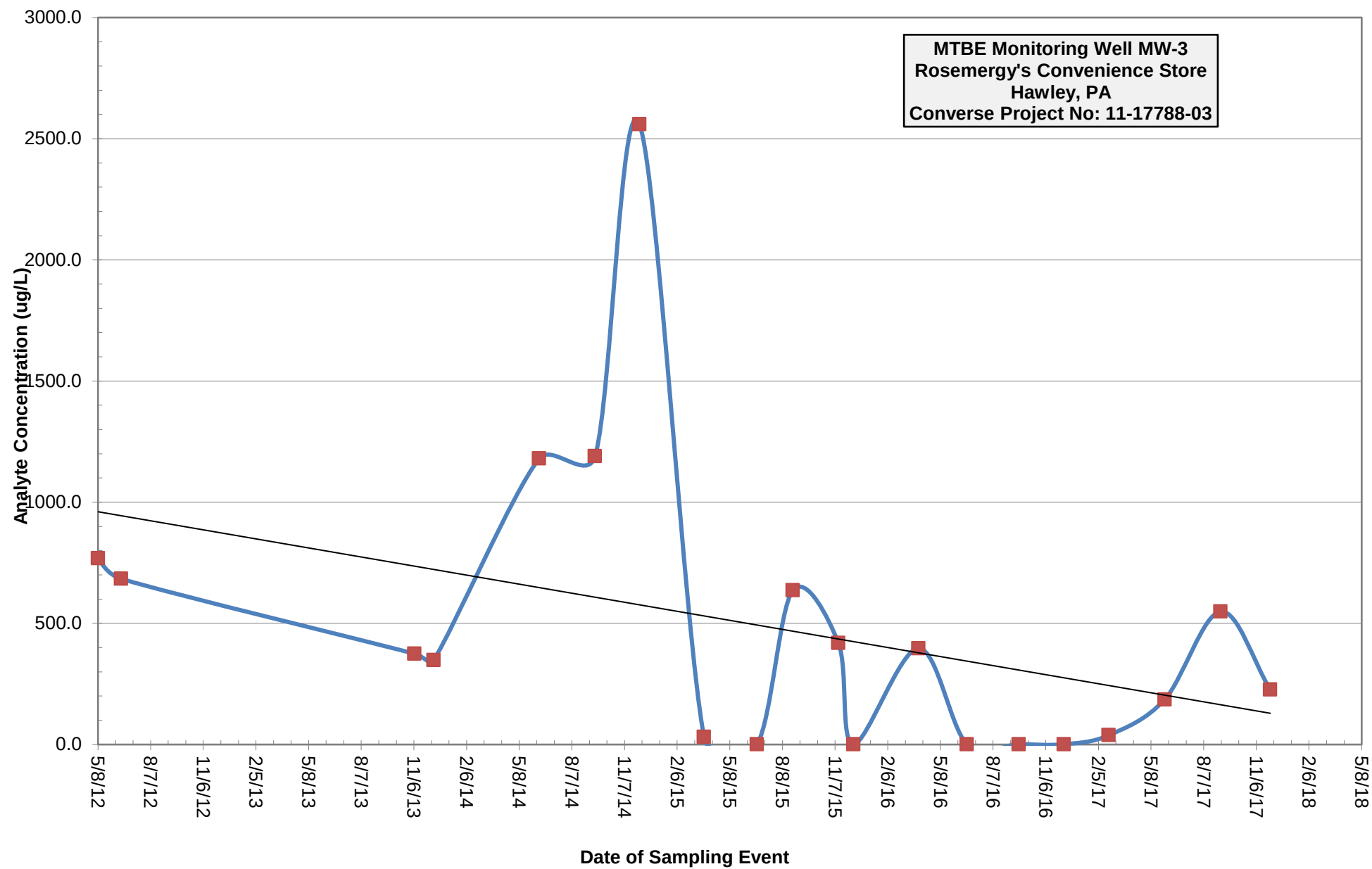
Napthalene Monitoring Well MW-1
Rosemergy's Convenience Store
Hawley, PA
Converse Project No: 11-17788-03

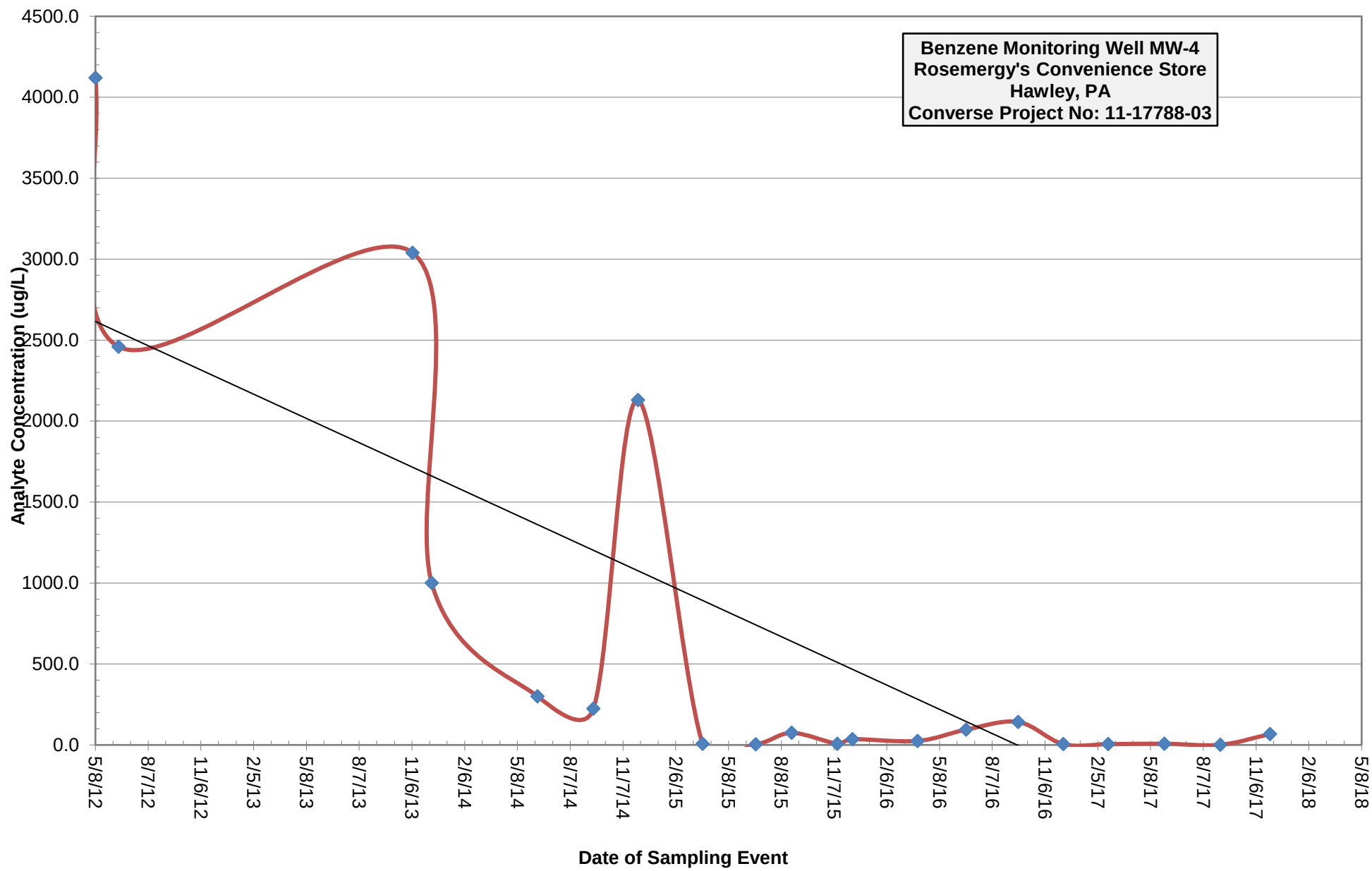


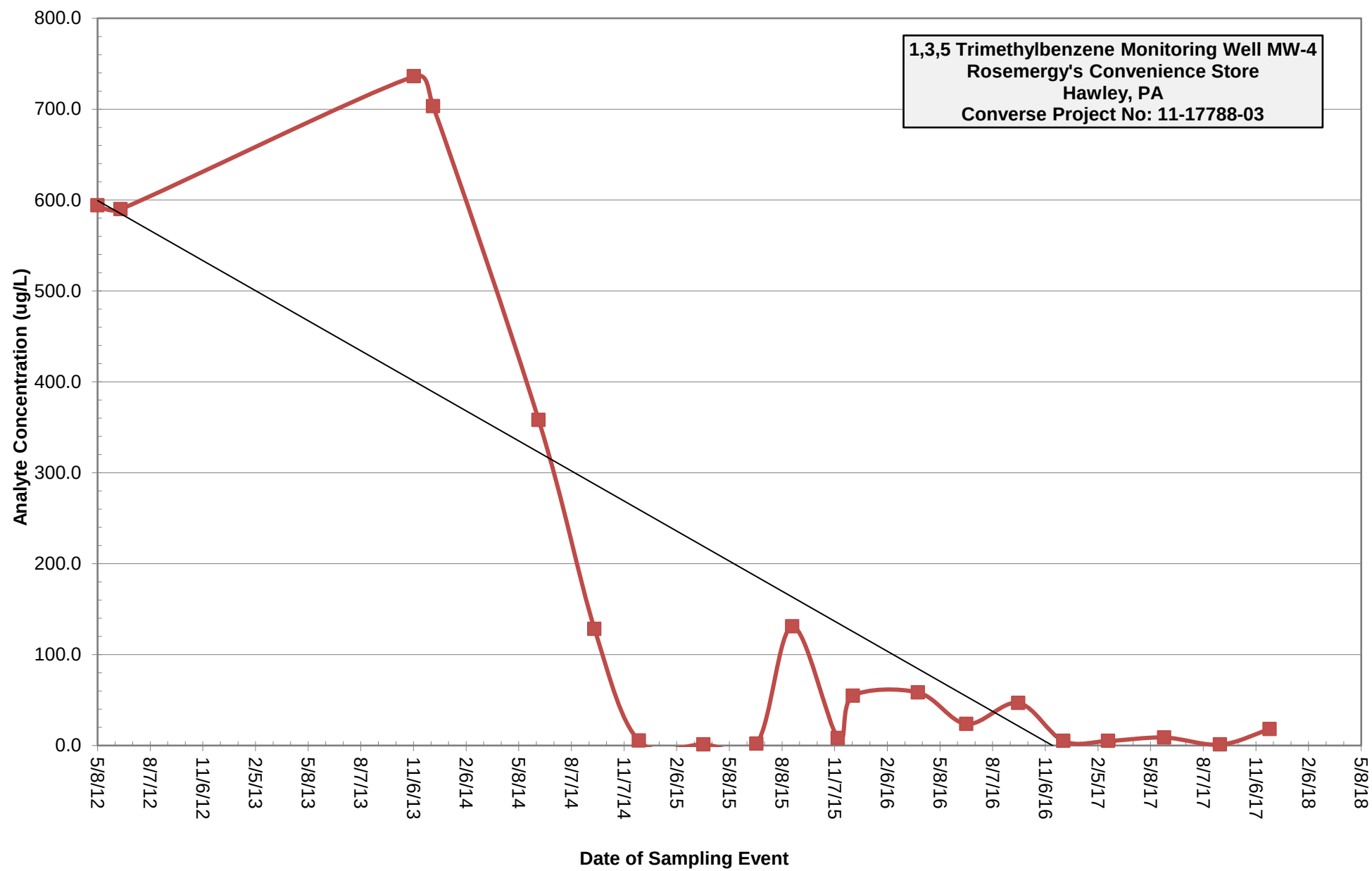


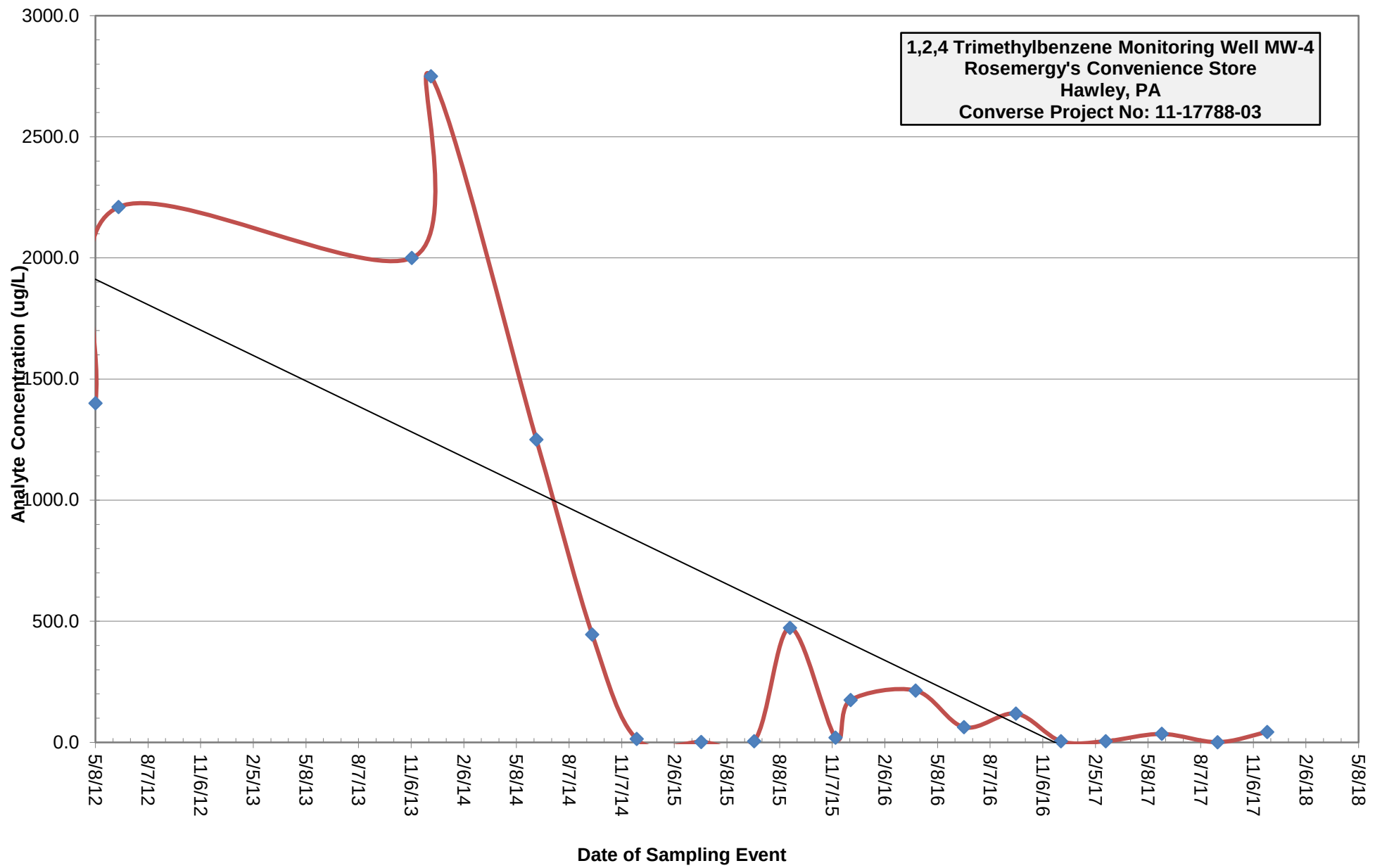


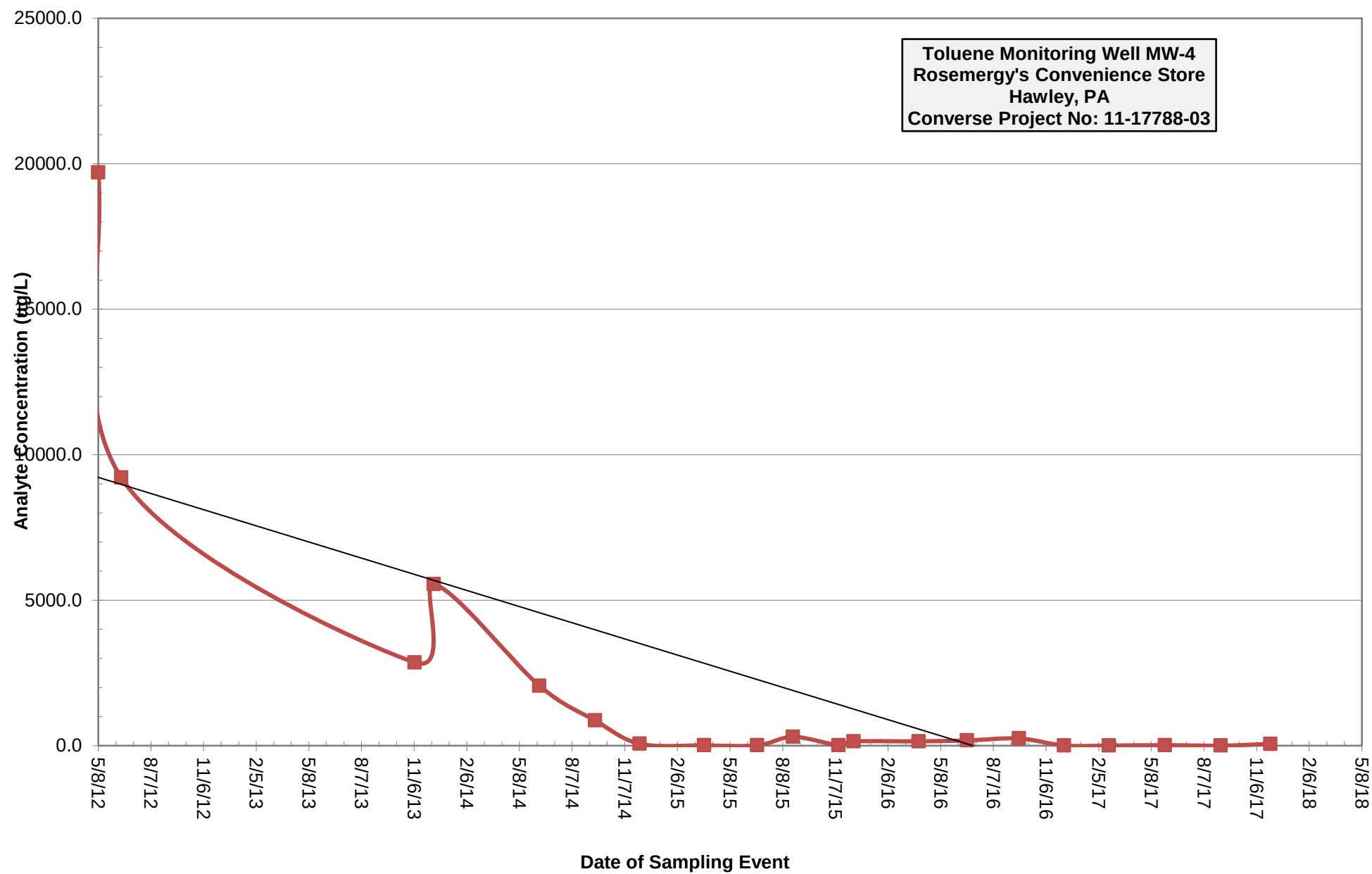


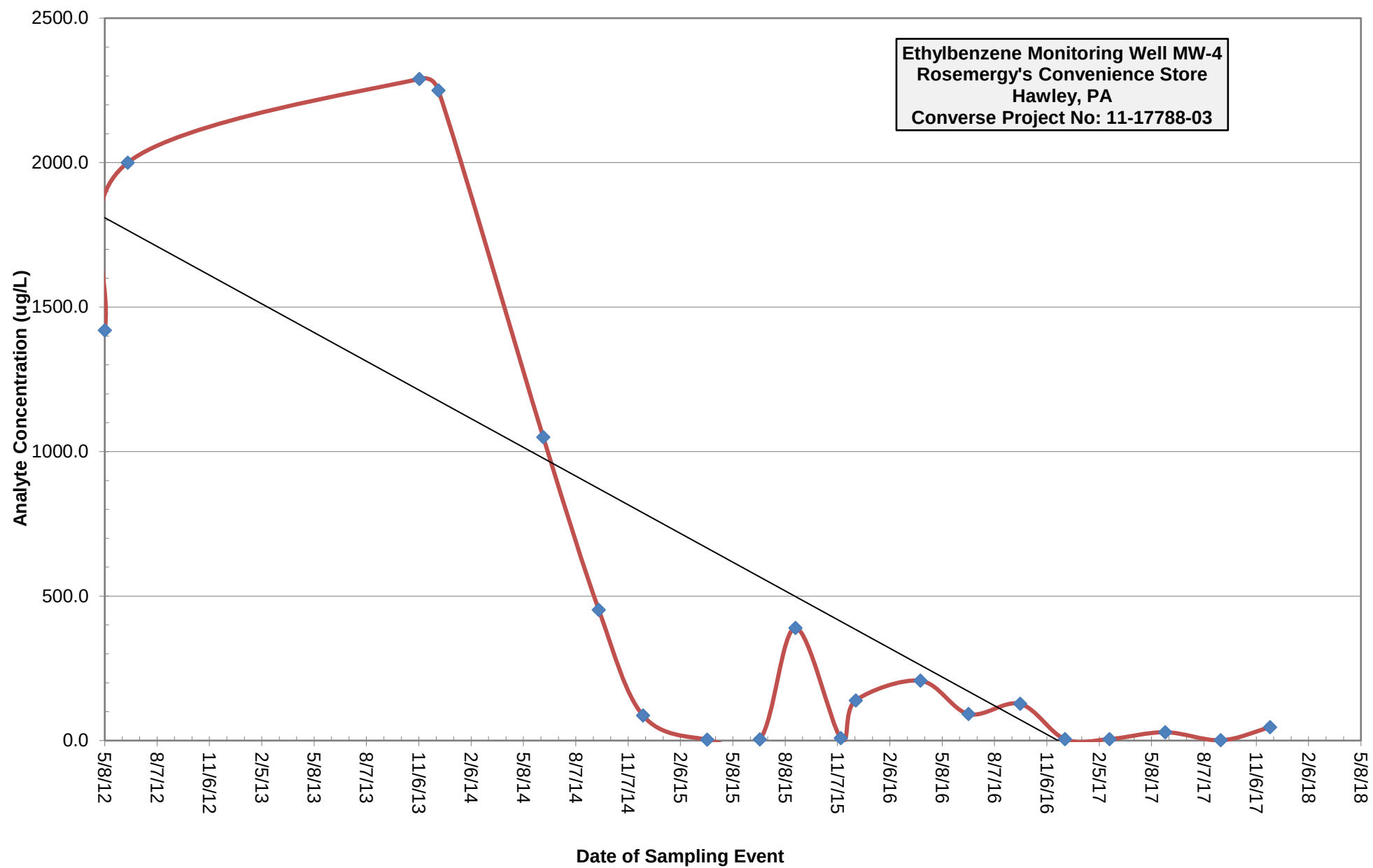


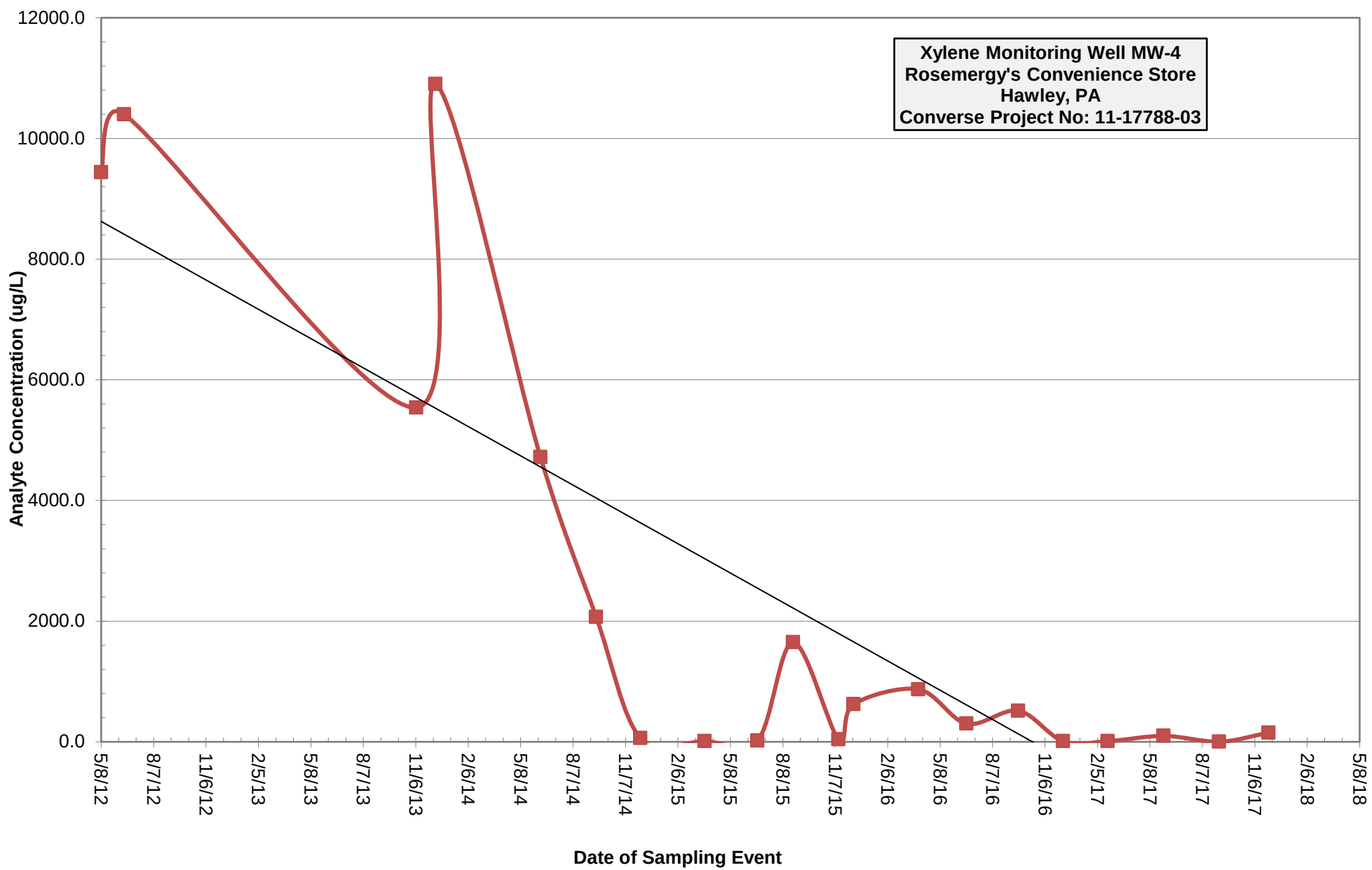


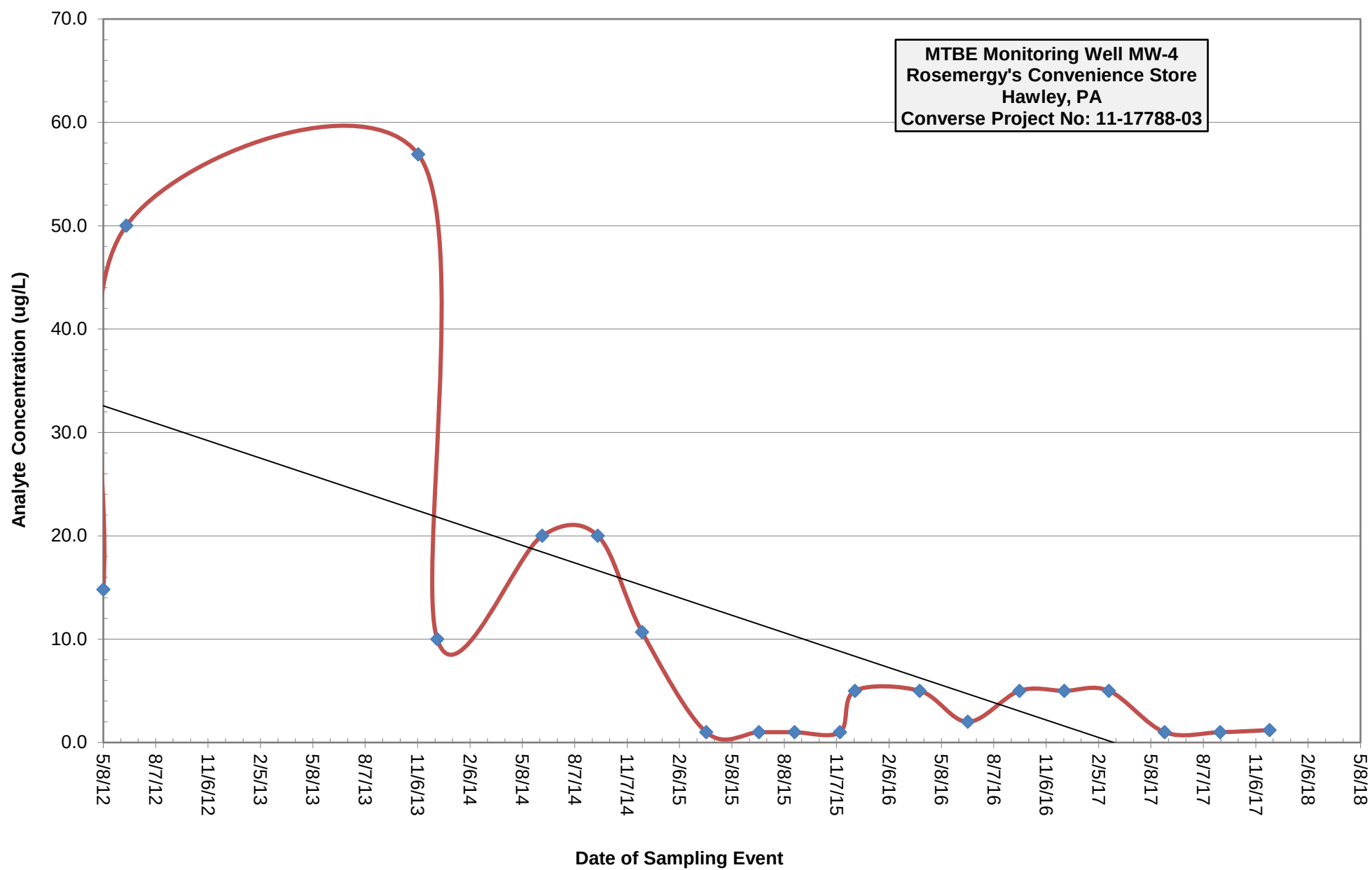


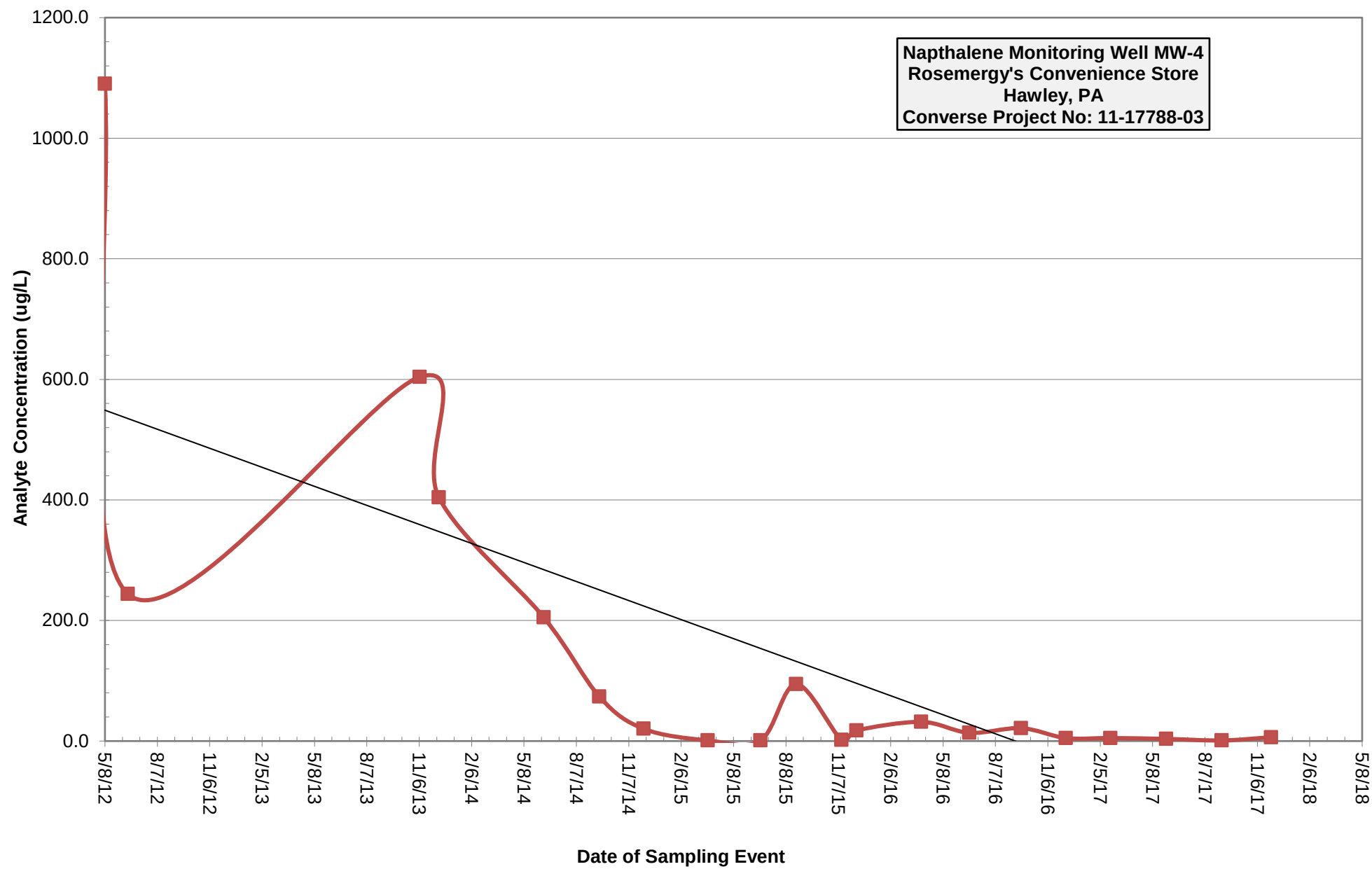


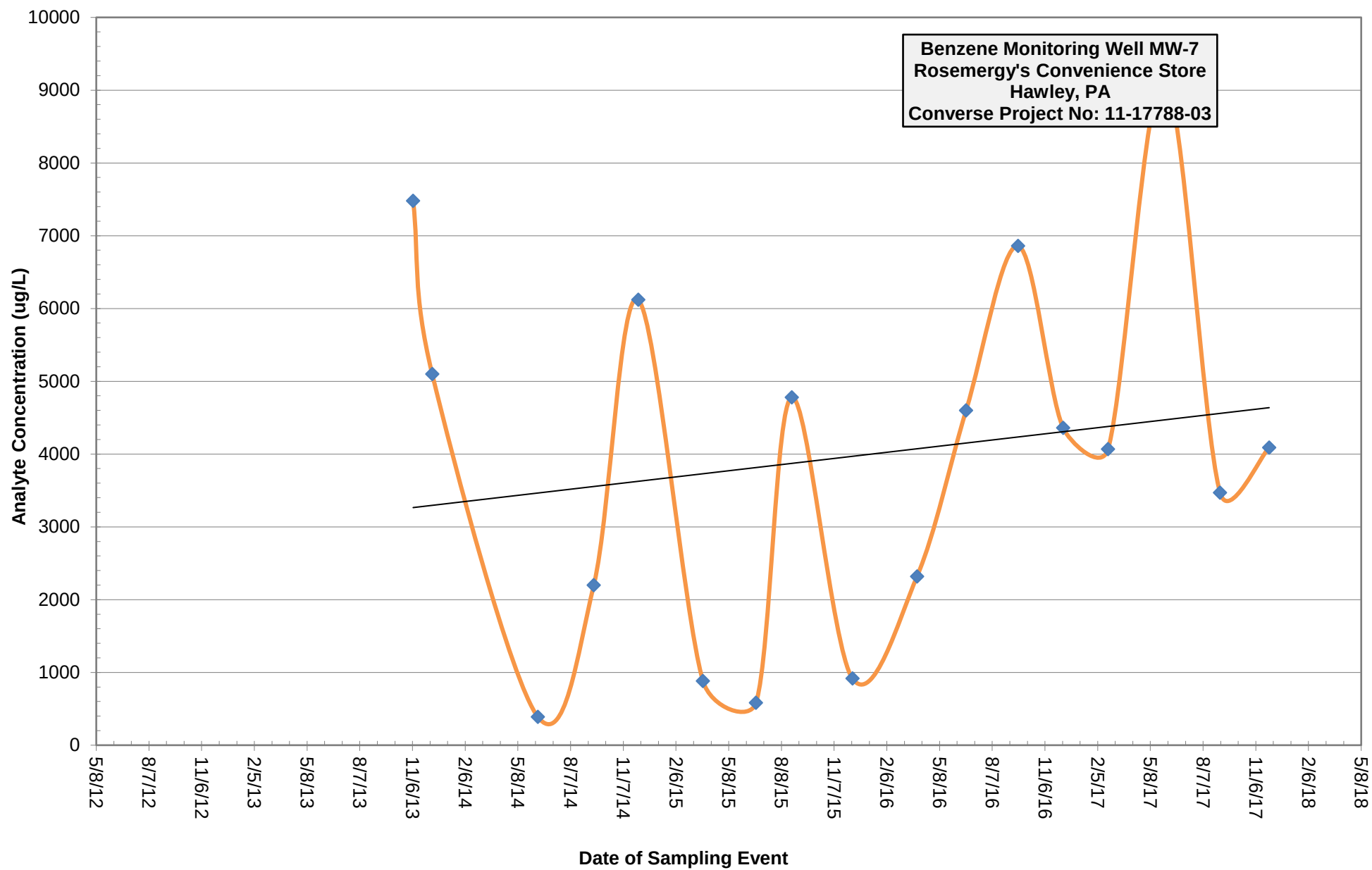


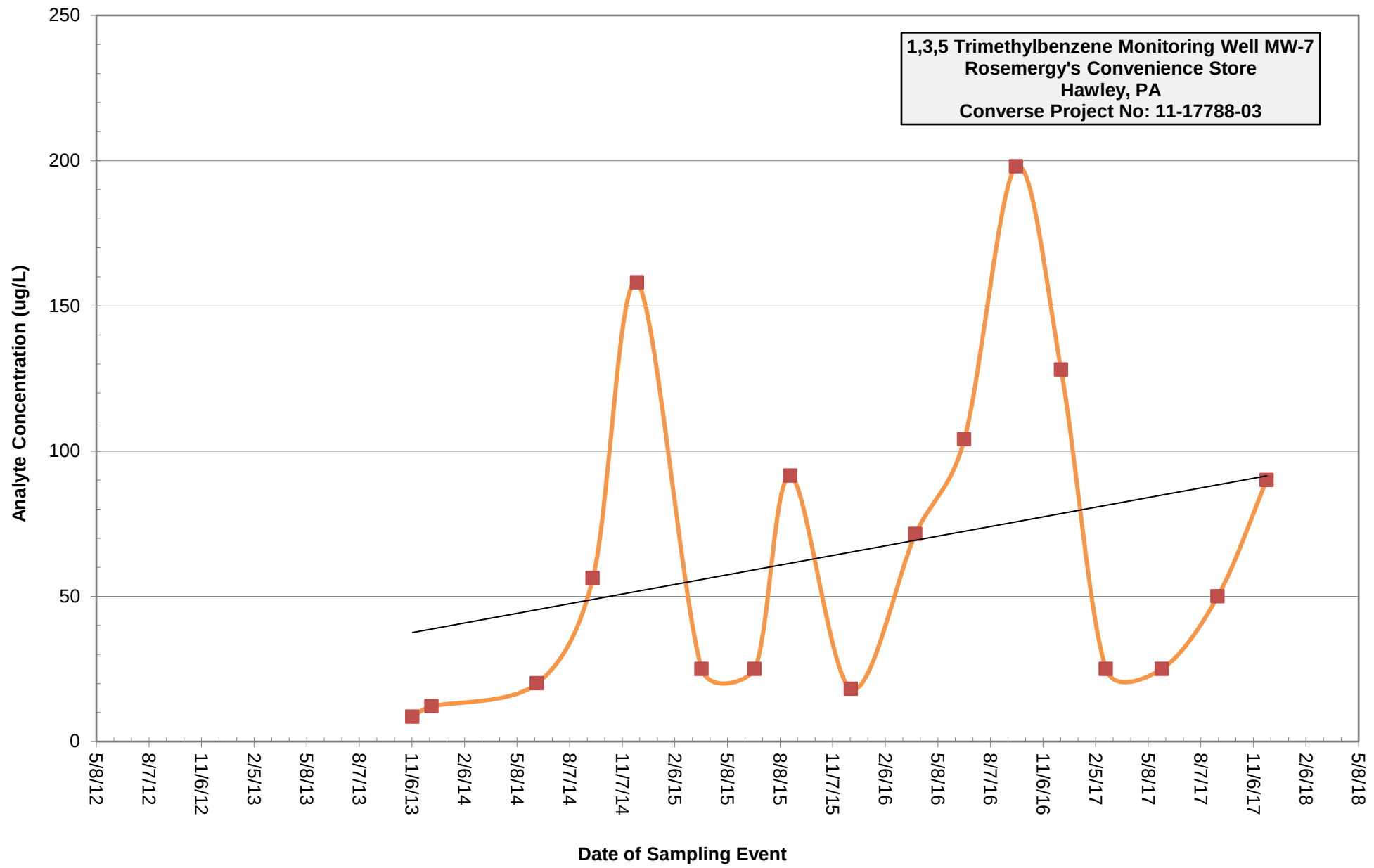


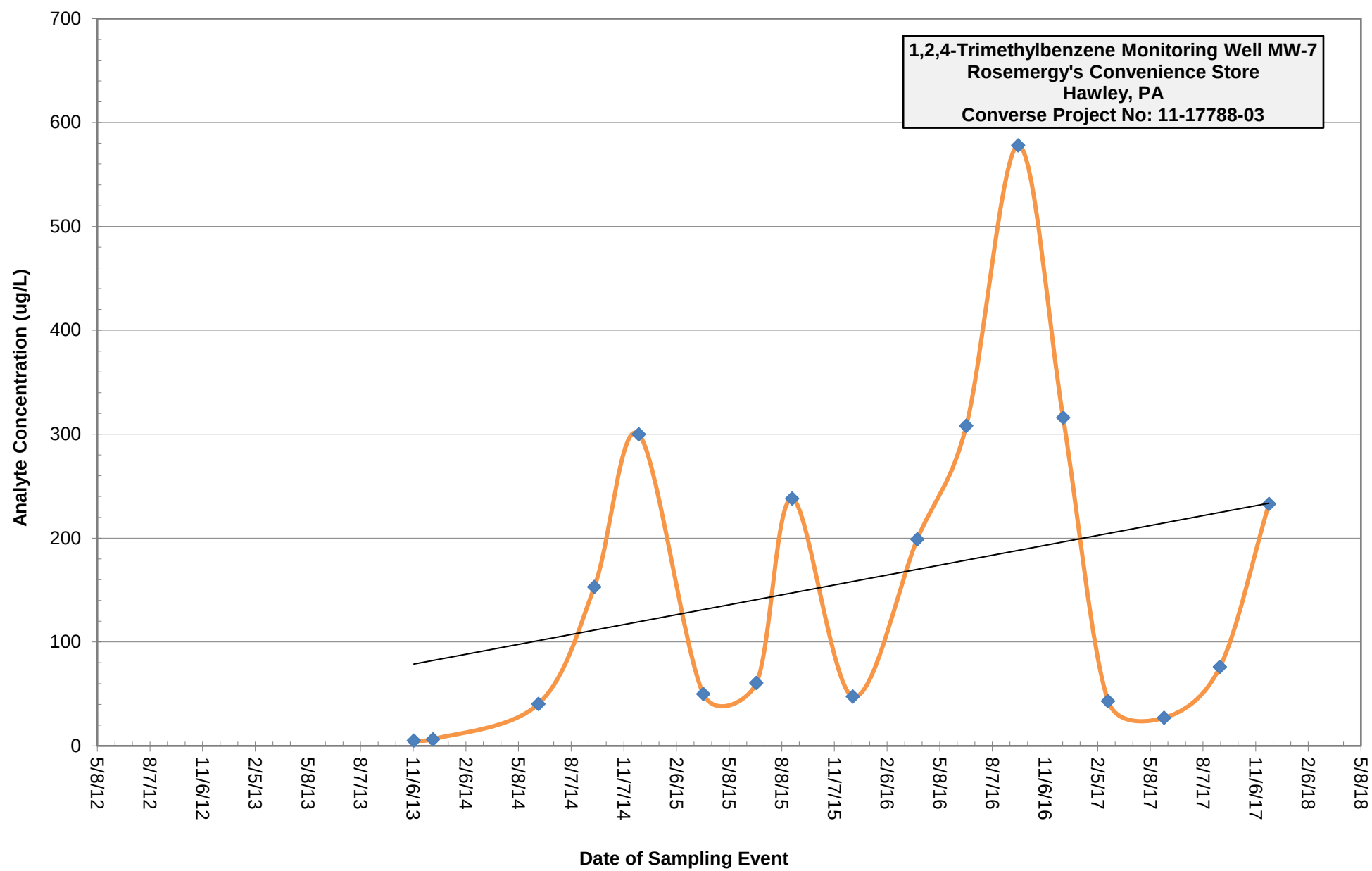


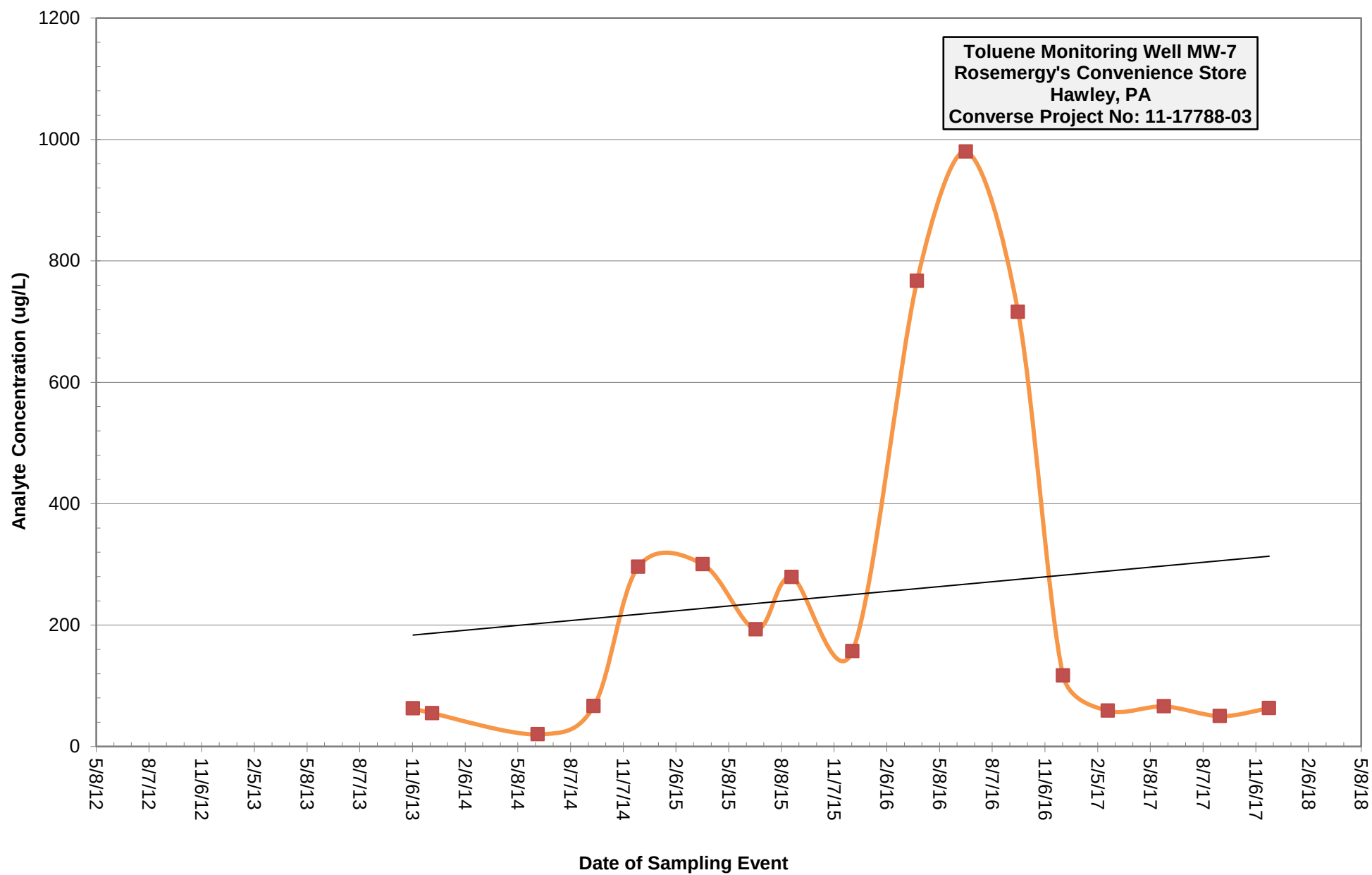


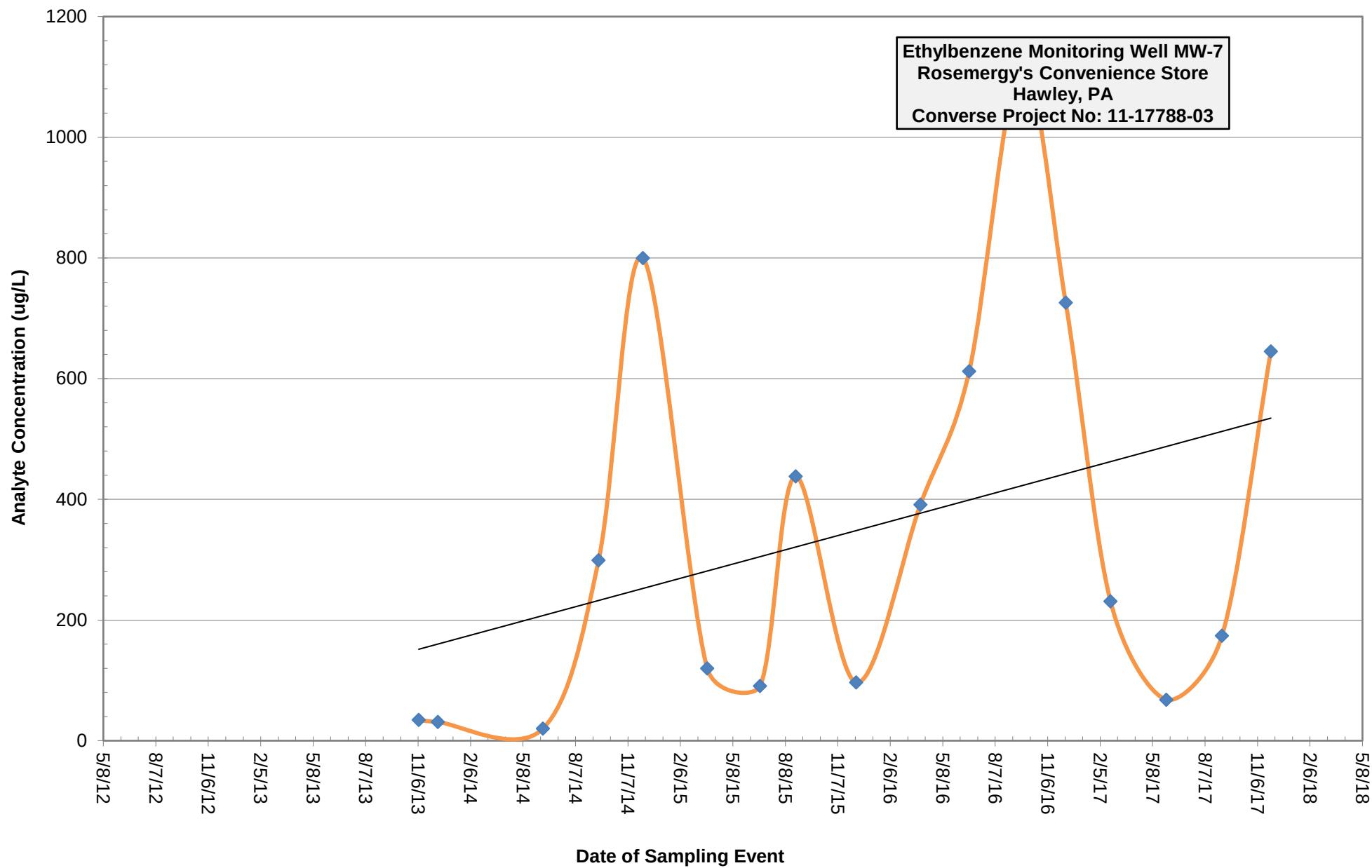


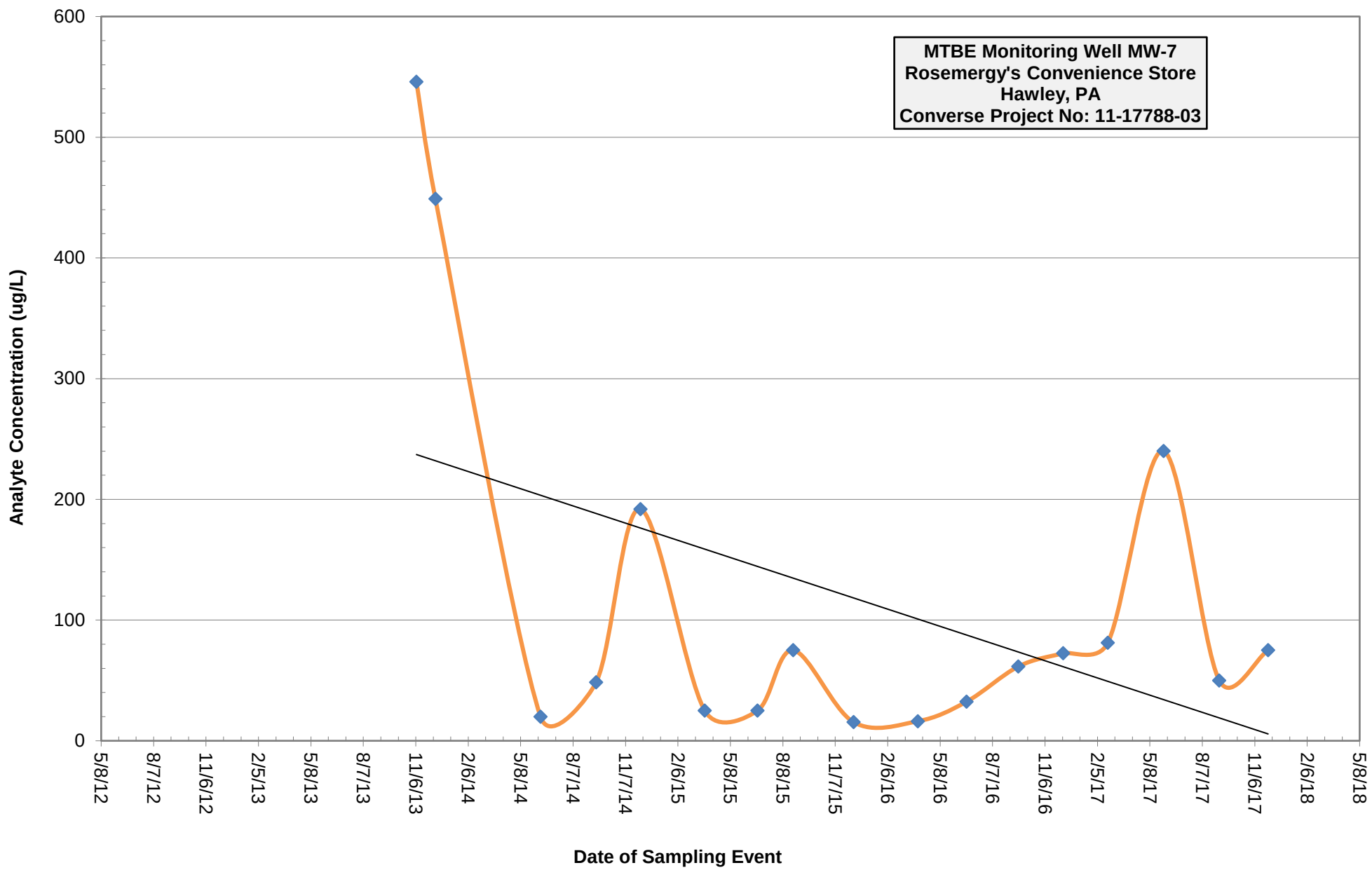


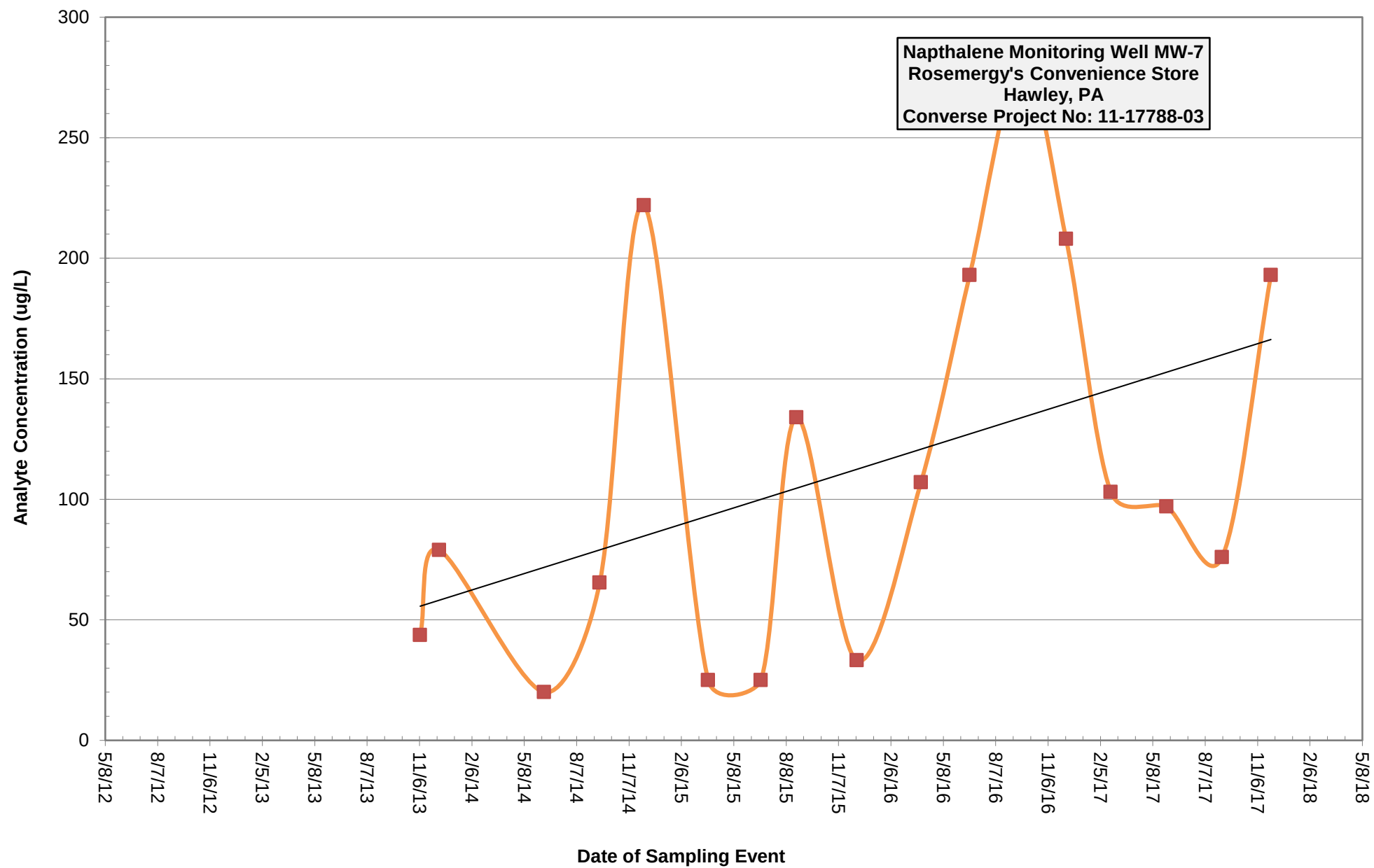


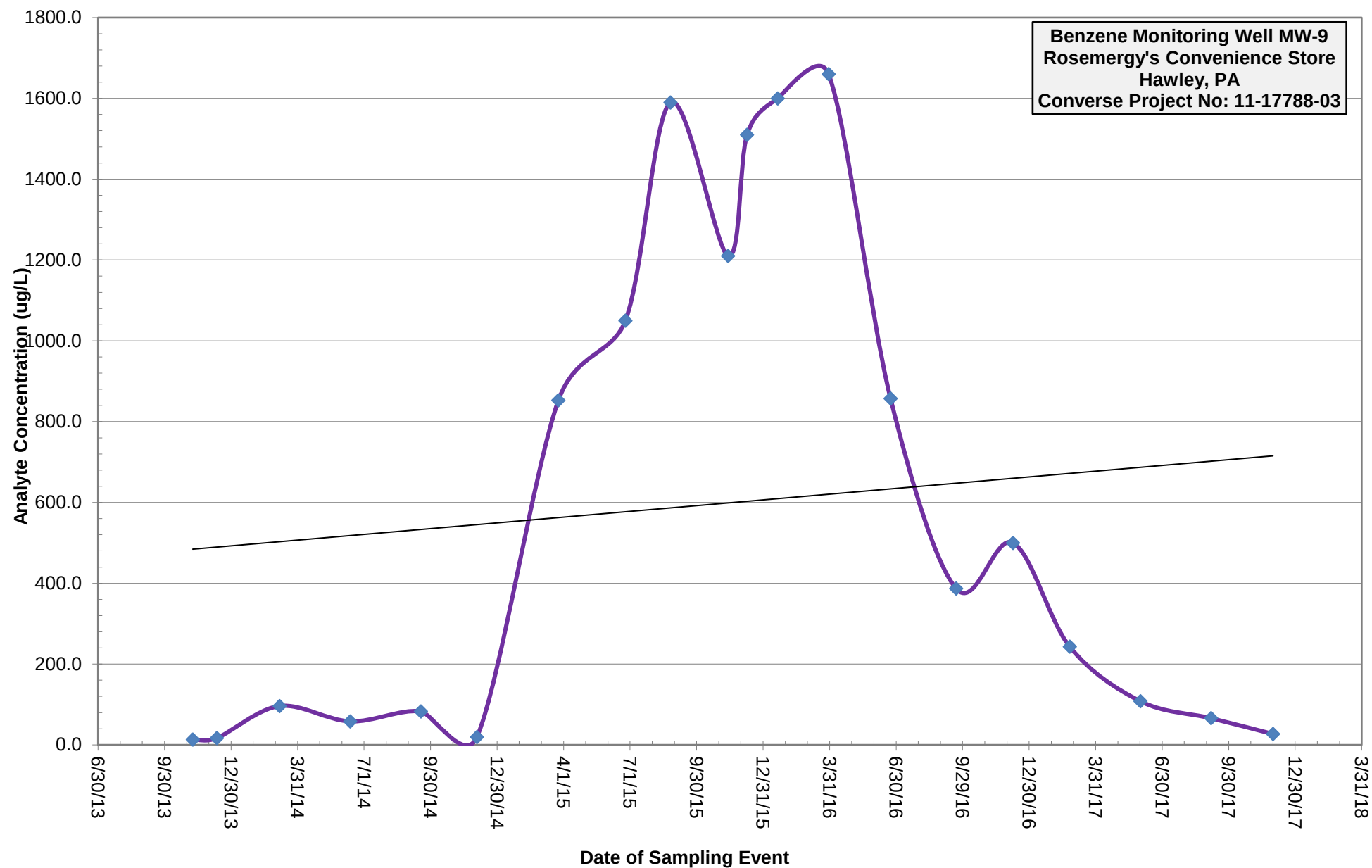


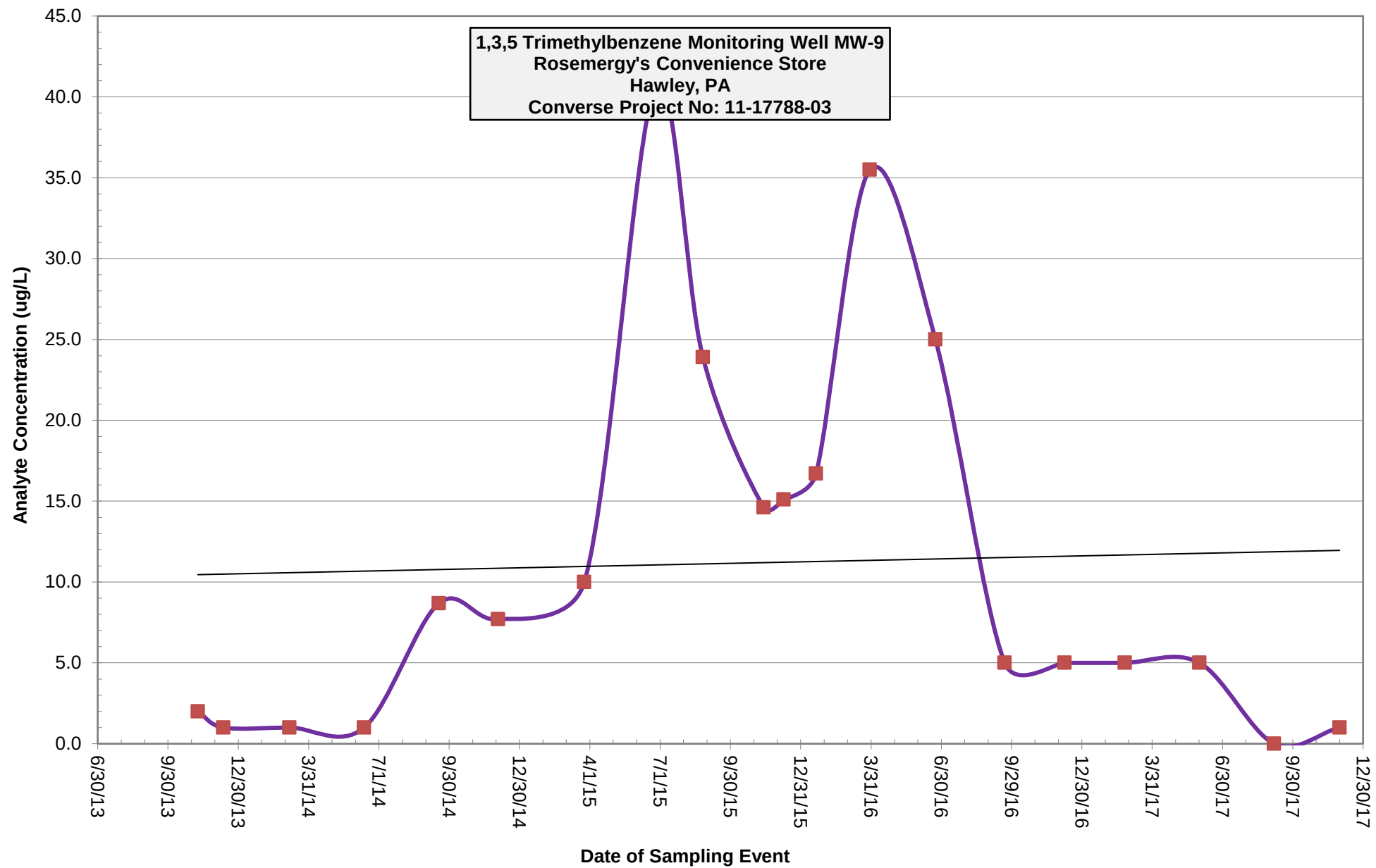


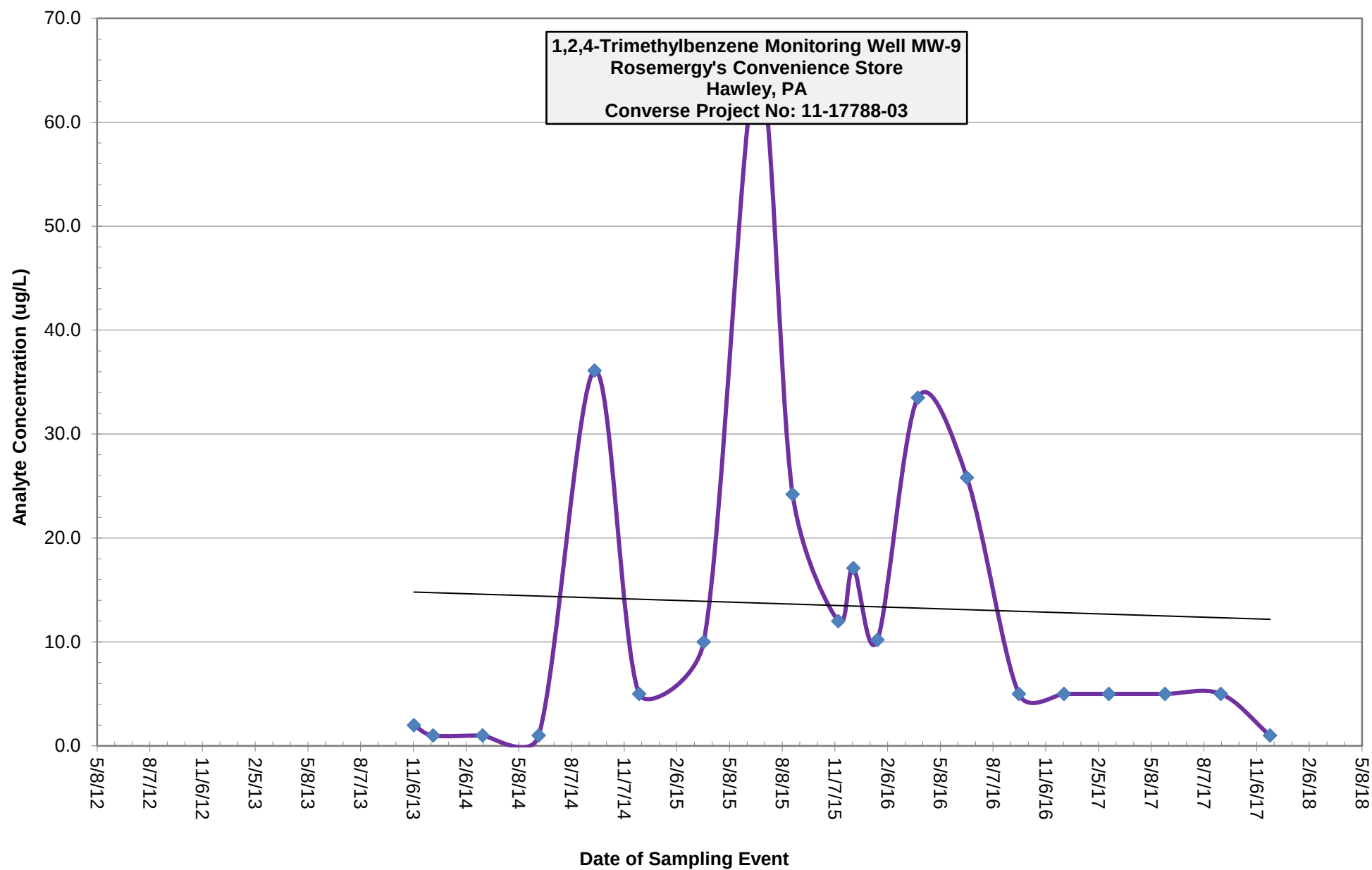


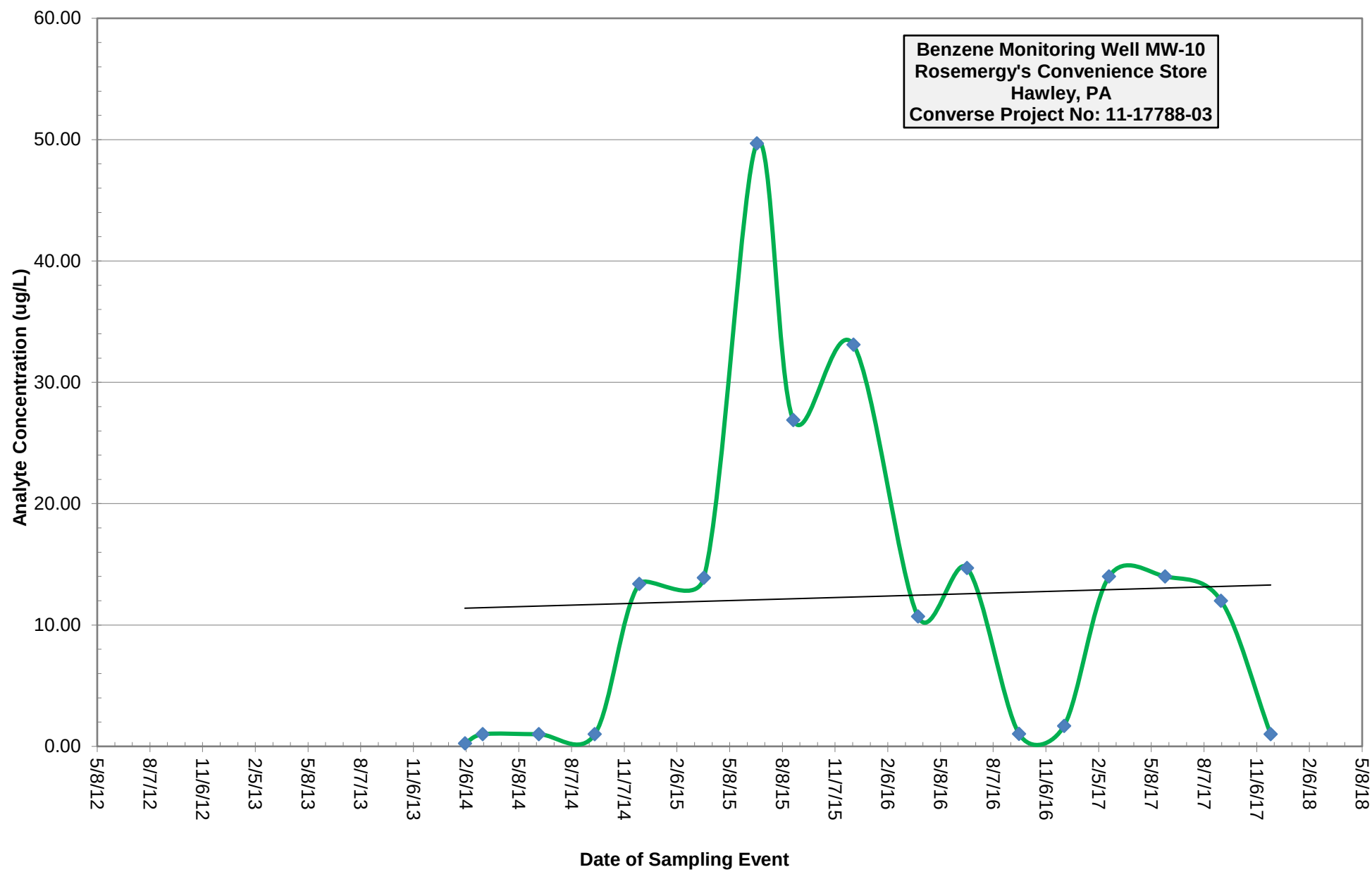


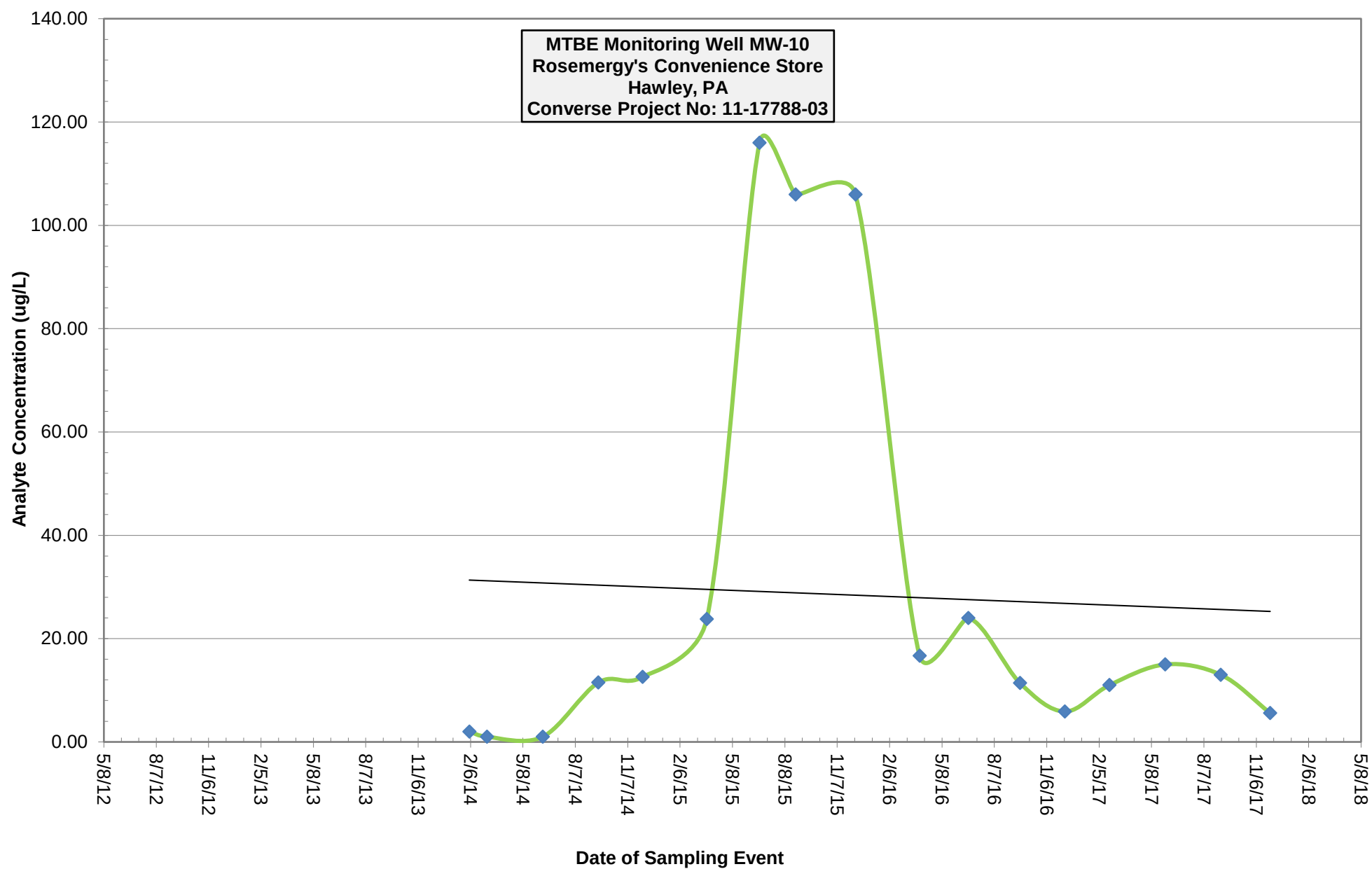


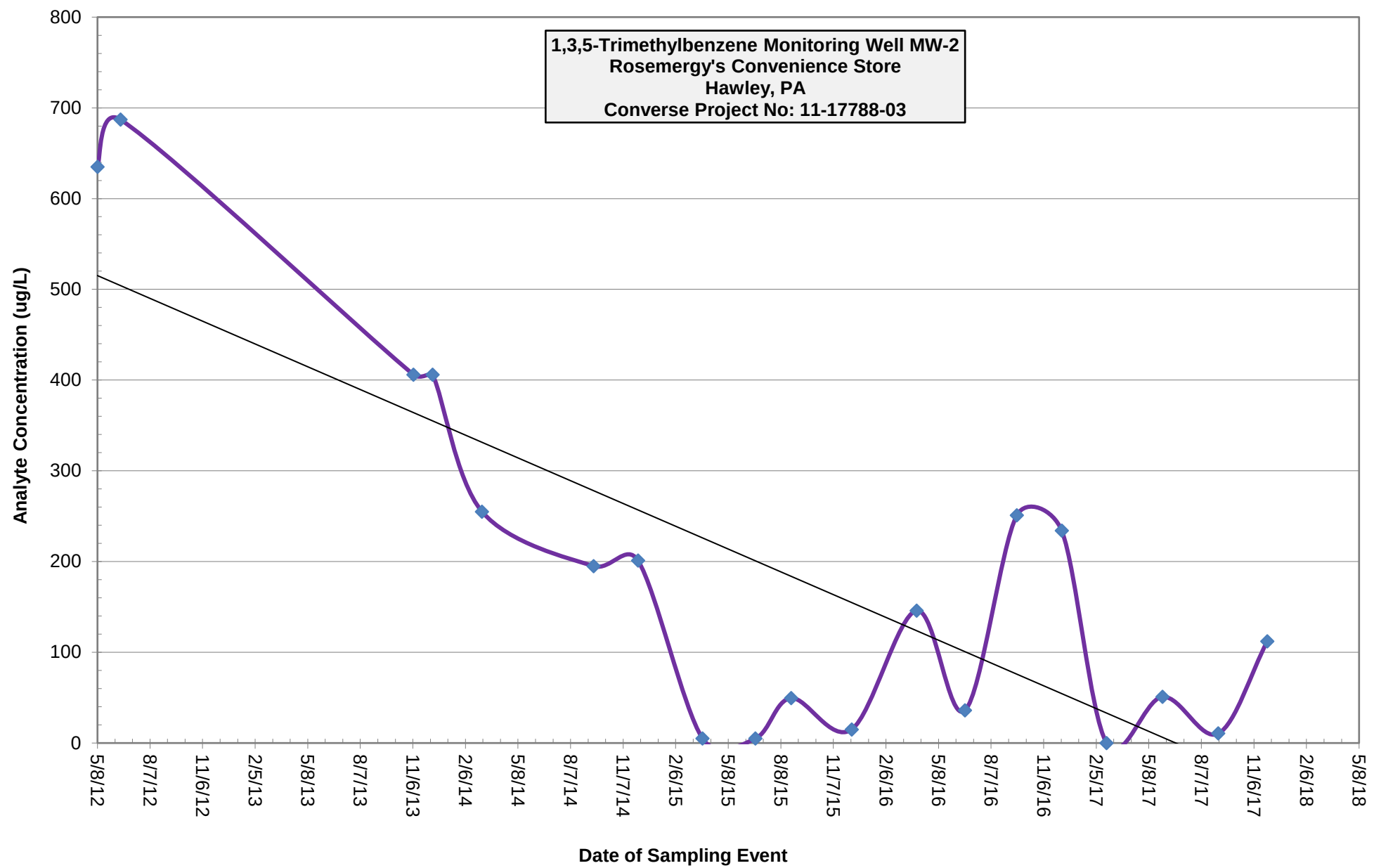


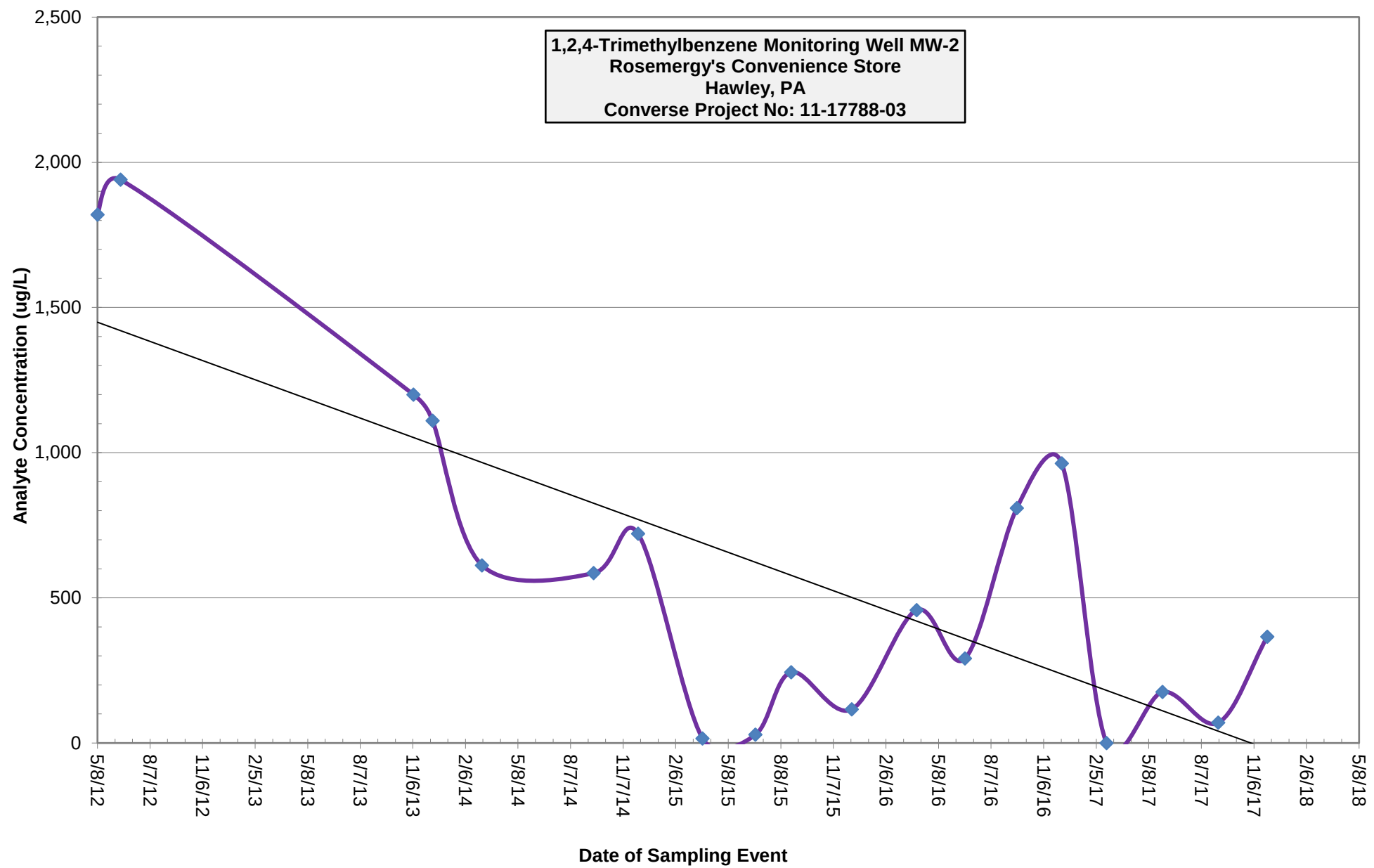


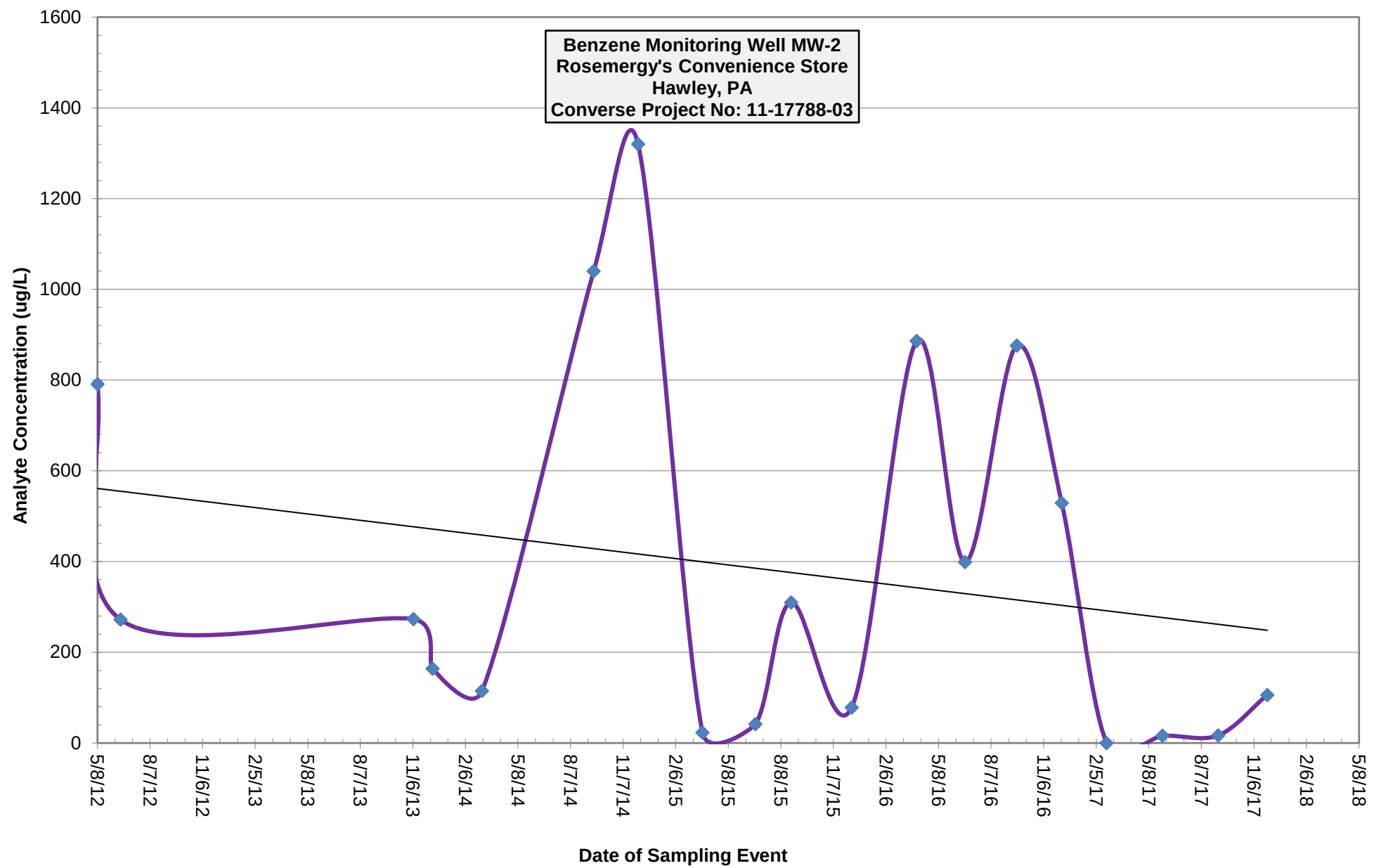


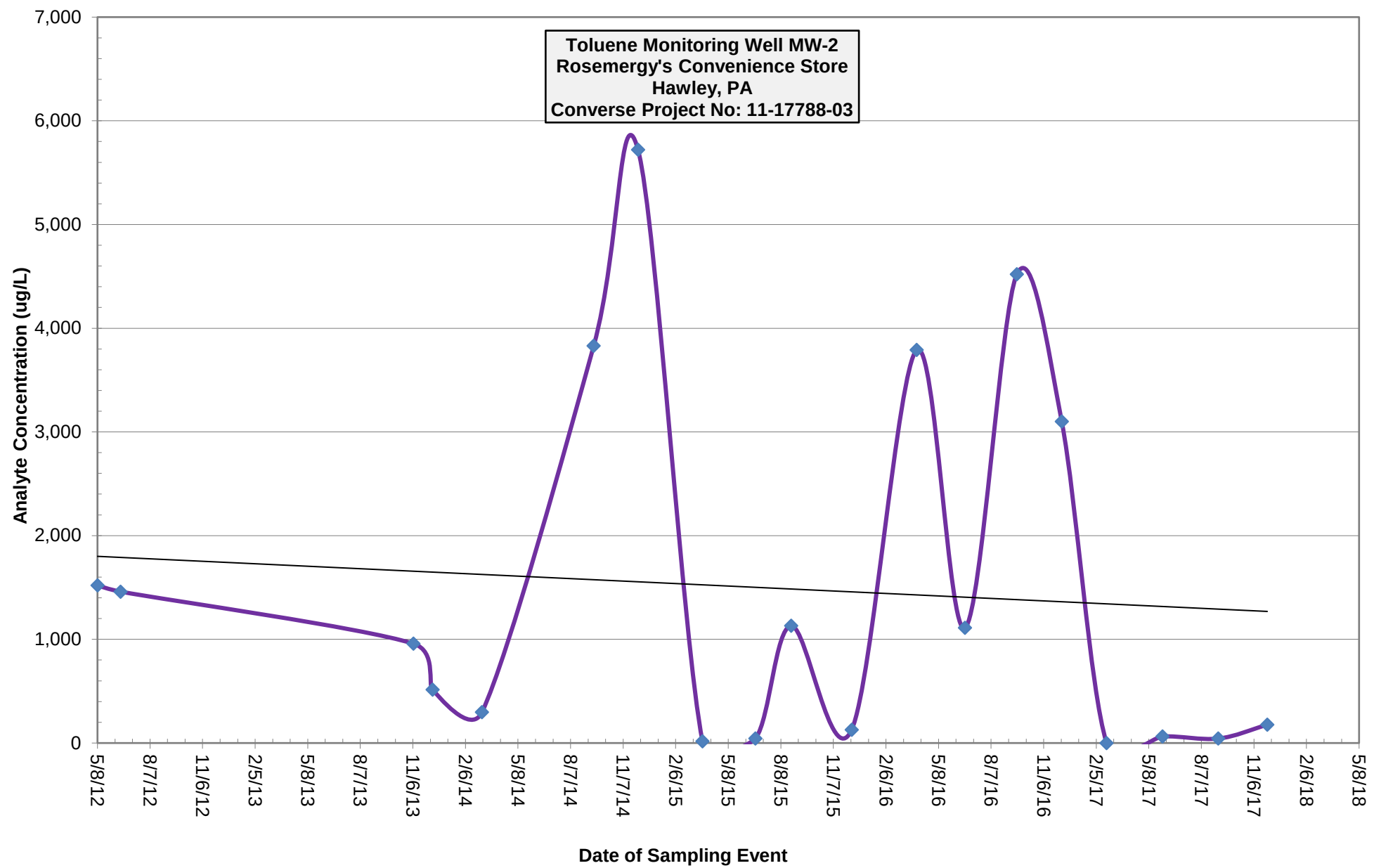


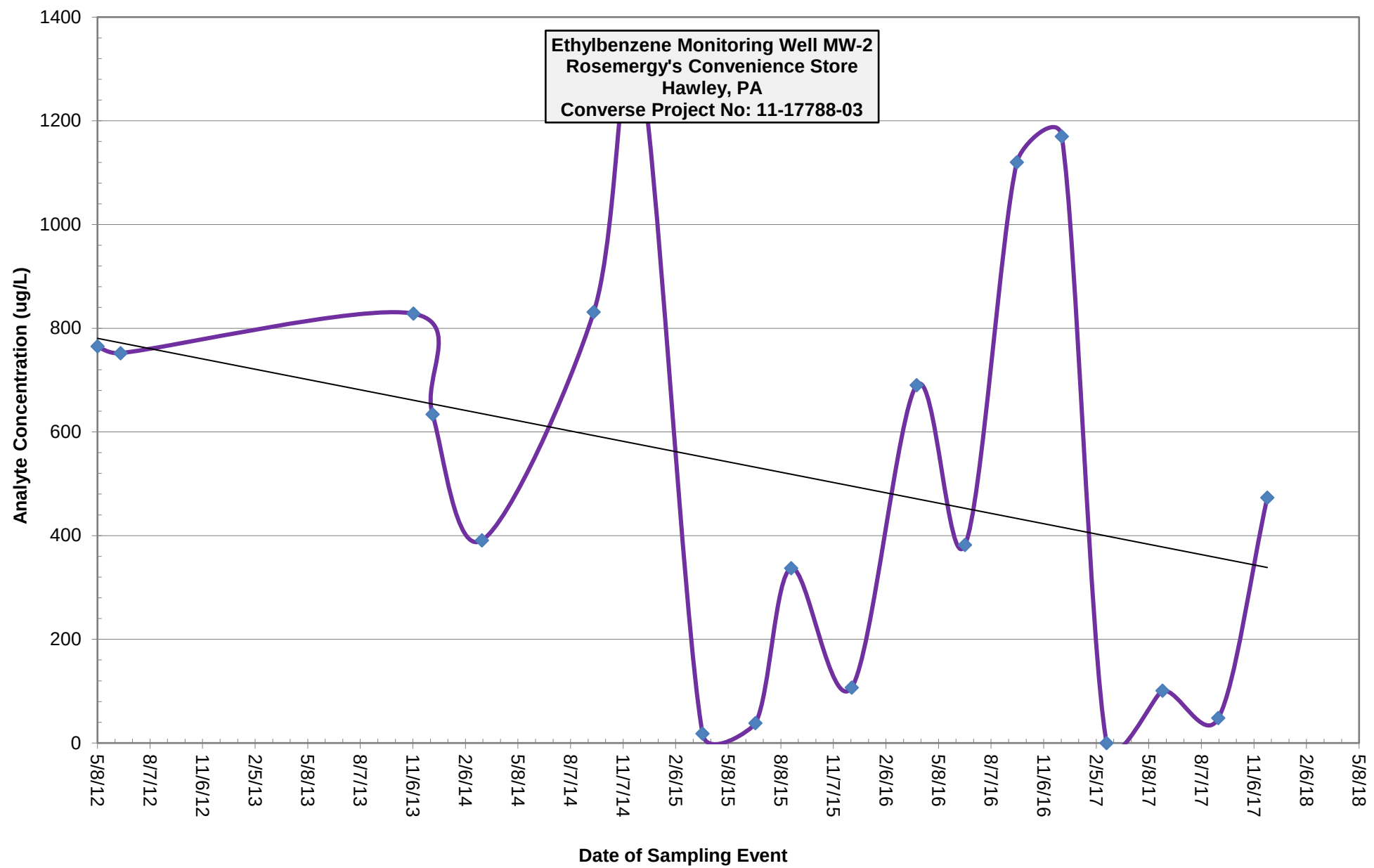


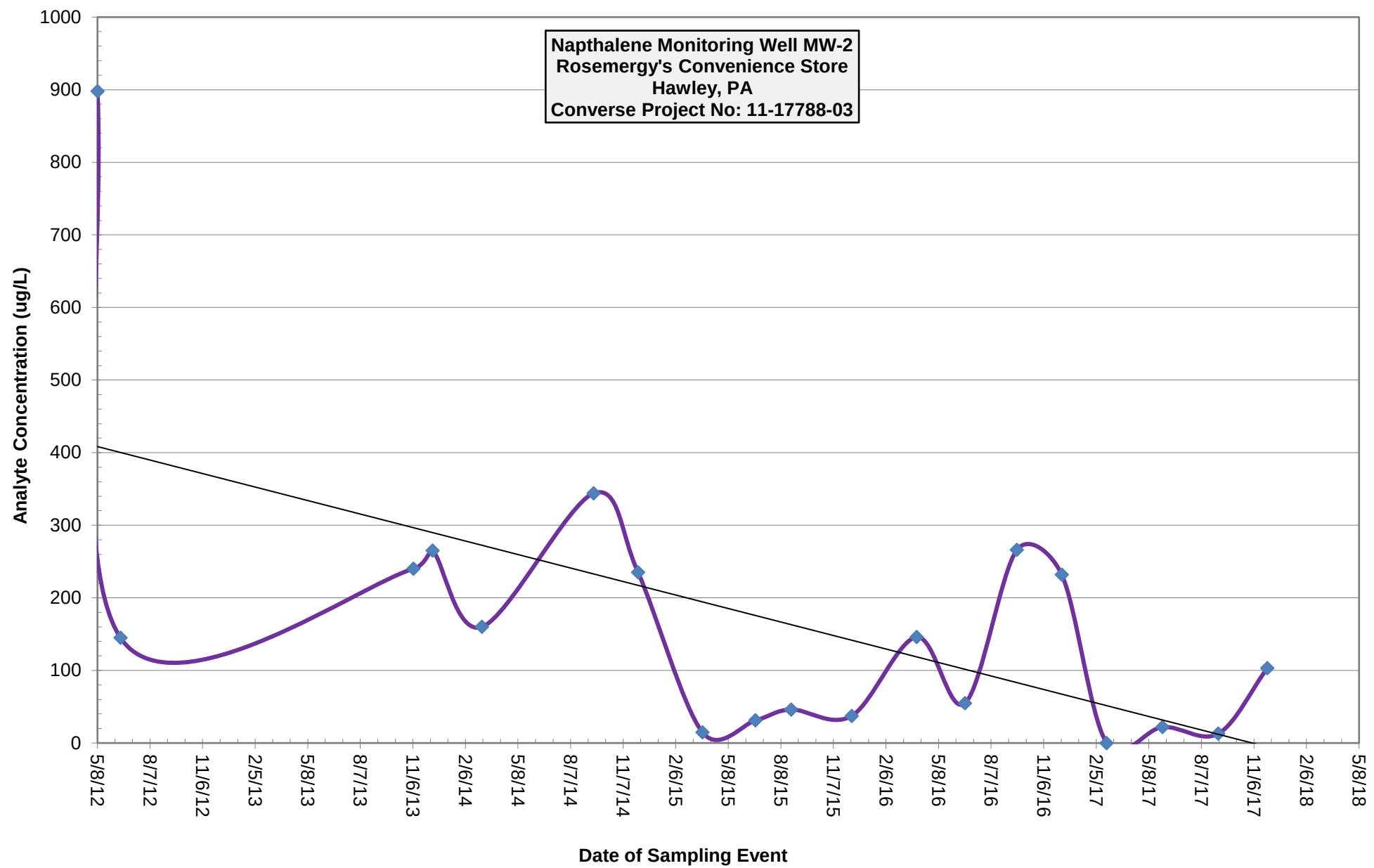








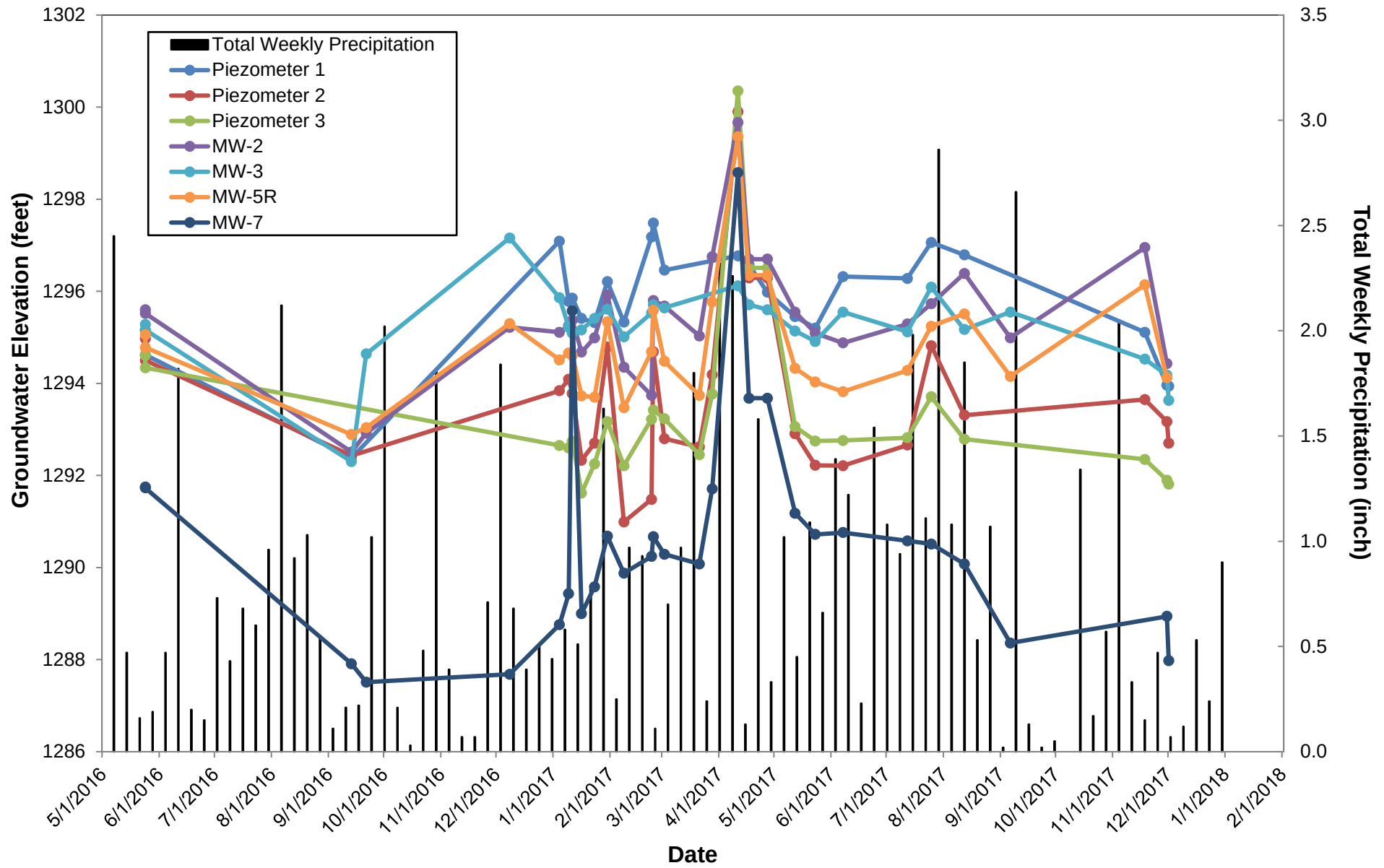




**WELL HEAD VACUUM WITH SYSTEM RUNNING
FORMER ROSEMERGY'S CONVENIENT STORE
1623 ROUTE 590
HAWLEY, PA
11-17788-03**

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
11/18/2017	48	54	21	24	33	56	24	8	72	19
12/1/2017	N/A	45	N/A	N/A	N/A	45	30	5	55	4

System Water Levels





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PaDEP: PA 41-04684



www.fairwaylaboratories.com

State Certifications: MD 275, WV 364

Converse

2738 West College Avenue

State College PA, 16801

Project Manager: Mary Feerrar

Project: ROSEMERY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 38

Reported:

01/02/18 13:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW-1R	7L04072-01	Water	Grab	12/01/17 12:50	12/04/17 17:30
MW-2	7L04072-02	Water	Grab	11/30/17 16:18	12/04/17 17:30
MW-3	7L04072-03	Water	Grab	12/01/17 13:50	12/04/17 17:30
MW-4	7L04072-04	Water	Grab	12/01/17 14:27	12/04/17 17:30
MW-5	7L04072-05	Water	Grab	11/30/17 15:45	12/04/17 17:30
MW-5R	7L04072-06	Water	Grab	11/30/17 15:47	12/04/17 17:30
MW-7	7L04072-07	Water	Grab	11/30/17 17:00	12/04/17 17:30
MW-8	7L04072-08	Water	Grab	11/30/17 13:07	12/04/17 17:30
MW-9	7L04072-09	Water	Grab	11/30/17 13:45	12/04/17 17:30
MW-10	7L04072-10	Water	Grab	12/01/17 13:38	12/04/17 17:30
MW-14	7L04072-11	Water	Grab	12/01/17 10:52	12/04/17 17:30
MW-15	7L04072-12	Water	Grab	12/01/17 10:12	12/04/17 17:30
MW-17	7L04072-13	Water	Grab	12/01/17 09:45	12/04/17 17:30
MW-18	7L04072-14	Water	Grab	12/01/17 10:34	12/04/17 17:30
MW-19	7L04072-15	Water	Grab	12/01/17 11:09	12/04/17 17:30
MW-20	7L04072-16	Water	Grab	11/30/17 12:35	12/04/17 17:30
MW-21	7L04072-17	Water	Grab	11/30/17 11:30	12/04/17 17:30
MW-22	7L04072-18	Water	Grab	11/30/17 12:18	12/04/17 17:30

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

2738 West College Avenue

State College PA, 16801

Project Manager: Mary Feerrar

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 38

Reported:

01/02/18 13:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
GAC	7L04072-19	Water	Grab	12/01/17 14:30	12/04/17 17:30

Refer to receiving document. JS



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Converse
2738 West College Avenue
State College PA, 16801
Project Manager: Mary Feerrar

Project: ROSEMERGY'S
Project Number: 11-17788-03
Collector: CLIENT
Number of Containers: 38
Reported:
01/02/18 13:23

Client Sample ID: MW-1R

Date/Time Sampled: 12/01/17 12:50

Laboratory Sample ID: 7L04072-01 (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	201		25.0	ug/l	12/07/17 02:12	EPA 8260B	bag	
1,2,4-Trimethylbenzene	674		25.0	ug/l	12/07/17 02:12	EPA 8260B	bag	
Benzene	2910		50.0	ug/l	12/09/17 05:25	EPA 8260B	bag	
Toluene	1290		25.0	ug/l	12/07/17 02:12	EPA 8260B	bag	
Ethylbenzene	1150		25.0	ug/l	12/07/17 02:12	EPA 8260B	bag	
Xylenes (total)	4020		50.0	ug/l	12/07/17 02:12	EPA 8260B	bag	
Isopropylbenzene	130		25.0	ug/l	12/07/17 02:12	EPA 8260B	bag	
Methyl tert-butyl ether	57.2		25.0	ug/l	12/07/17 02:12	EPA 8260B	bag	
Naphthalene	200		25.0	ug/l	12/07/17 02:12	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	94.8 %		70-130		12/07/17 02:12	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	93.3 %		70-130		12/07/17 02:12	EPA 8260B	bag	
Surrogate: Fluorobenzene	91.3 %		70-130		12/07/17 02:12	EPA 8260B	bag	

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Converse

Project: ROSEMERGY'S

2738 West College Avenue

Project Number: 11-17788-03

Reported:

State College PA, 16801

Collector: CLIENT

01/02/18 13:23

Project Manager: Mary Feerrar

Number of Containers: 38

Client Sample ID: MW-2

Date/Time Sampled: 11/30/17 16:18

Laboratory Sample ID: 7L04072-02 (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	112		1.00	ug/l	12/06/17 12:27	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	366		10.0	ug/l	12/07/17 17:20	EPA 8260B	mtc	
Benzene	106		10.0	ug/l	12/07/17 17:20	EPA 8260B	mtc	
Toluene	176		10.0	ug/l	12/07/17 17:20	EPA 8260B	mtc	
Ethylbenzene	473		10.0	ug/l	12/07/17 17:20	EPA 8260B	mtc	
Xylenes (total)	499		20.0	ug/l	12/07/17 17:20	EPA 8260B	mtc	
Isopropylbenzene	89.6		10.0	ug/l	12/07/17 17:20	EPA 8260B	mtc	
Methyl tert-butyl ether	10.2		1.00	ug/l	12/06/17 12:27	EPA 8260B	mtc	
Naphthalene	103		1.00	ug/l	12/06/17 12:27	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	99.1 %		70-130		12/06/17 12:27	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	94.4 %		70-130		12/06/17 12:27	EPA 8260B	mtc	
Surrogate: Fluorobenzene	98.4 %		70-130		12/06/17 12:27	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

01/02/18 13:23

Project Manager: Mary Feerrar

Number of Containers: 38

Client Sample ID: MW-3

Date/Time Sampled: 12/01/17 13:50

Laboratory Sample ID: 7L04072-03 (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

Q

1,3,5-Trimethylbenzene	<5.00		5.00	ug/l	12/07/17 01:34	EPA 8260B	bag	
1,2,4-Trimethylbenzene	12.0		5.00	ug/l	12/07/17 01:34	EPA 8260B	bag	
Benzene	28.8		5.00	ug/l	12/07/17 01:34	EPA 8260B	bag	
Toluene	<5.00		5.00	ug/l	12/07/17 01:34	EPA 8260B	bag	
Ethylbenzene	24.7		5.00	ug/l	12/07/17 01:34	EPA 8260B	bag	
Xylenes (total)	18.0		10.0	ug/l	12/07/17 01:34	EPA 8260B	bag	
Isopropylbenzene	10.7		5.00	ug/l	12/07/17 01:34	EPA 8260B	bag	
Methyl tert-butyl ether	227		5.00	ug/l	12/07/17 01:34	EPA 8260B	bag	
Naphthalene	<5.00		5.00	ug/l	12/07/17 01:34	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	93.8 %		70-130		12/07/17 01:34	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	95.5 %		70-130		12/07/17 01:34	EPA 8260B	bag	
Surrogate: Fluorobenzene	94.1 %		70-130		12/07/17 01:34	EPA 8260B	bag	

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PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Converse

Project: ROSEMERGY'S

2738 West College Avenue

Project Number: 11-17788-03

Reported:

State College PA, 16801

Collector: CLIENT

01/02/18 13:23

Project Manager: Mary Feerrar

Number of Containers: 38

Client Sample ID: MW-4

Date/Time Sampled: 12/01/17 14:27

Laboratory Sample ID: 7L04072-04 (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	17.6		1.00	ug/l	12/06/17 12:57	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	42.6		1.00	ug/l	12/06/17 12:57	EPA 8260B	mtc	
Benzene	67.0		1.00	ug/l	12/06/17 12:57	EPA 8260B	mtc	
Toluene	61.0		1.00	ug/l	12/06/17 12:57	EPA 8260B	mtc	
Ethylbenzene	46.3		1.00	ug/l	12/06/17 12:57	EPA 8260B	mtc	
Xylenes (total)	150		2.00	ug/l	12/06/17 12:57	EPA 8260B	mtc	
Isopropylbenzene	10.0		1.00	ug/l	12/06/17 12:57	EPA 8260B	mtc	
Methyl tert-butyl ether	1.21		1.00	ug/l	12/06/17 12:57	EPA 8260B	mtc	
Naphthalene	6.28		1.00	ug/l	12/06/17 12:57	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	99.7 %		70-130		12/06/17 12:57	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	99.3 %		70-130		12/06/17 12:57	EPA 8260B	mtc	
Surrogate: Fluorobenzene	103 %		70-130		12/06/17 12:57	EPA 8260B	mtc	

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Converse
2738 West College Avenue
State College PA, 16801
Project Manager: Mary Feerrar

Project: ROSEMERGY'S
Project Number: 11-17788-03
Collector: CLIENT
Number of Containers: 38
Reported:
01/02/18 13:23

Client Sample ID: MW-5

Date/Time Sampled: 11/30/17 15:45

Laboratory Sample ID: 7L04072-05 (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

Q

1,3,5-Trimethylbenzene	295		10.0	ug/l	12/07/17 03:48	EPA 8260B	bag	
1,2,4-Trimethylbenzene	1300		50.0	ug/l	12/09/17 06:03	EPA 8260B	bag	
Benzene	616		10.0	ug/l	12/07/17 03:48	EPA 8260B	bag	
Toluene	2410		50.0	ug/l	12/09/17 06:03	EPA 8260B	bag	
Ethylbenzene	2160		50.0	ug/l	12/09/17 06:03	EPA 8260B	bag	
Xylenes (total)	7560		100	ug/l	12/09/17 06:03	EPA 8260B	bag	
Isopropylbenzene	143		10.0	ug/l	12/07/17 03:48	EPA 8260B	bag	
Methyl tert-butyl ether	30.3		10.0	ug/l	12/07/17 03:48	EPA 8260B	bag	
Naphthalene	372		10.0	ug/l	12/07/17 03:48	EPA 8260B	bag	
<i>Surrogate: 4-Bromofluorobenzene</i>	96.3 %		70-130		12/07/17 03:48	EPA 8260B	bag	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	94.5 %		70-130		12/07/17 03:48	EPA 8260B	bag	
<i>Surrogate: Fluorobenzene</i>	90.4 %		70-130		12/07/17 03:48	EPA 8260B	bag	

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Converse

2738 West College Avenue

State College PA, 16801

Project Manager: Mary Feerrar

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 38

Reported:

01/02/18 13:23

Client Sample ID: MW-5R

Date/Time Sampled: 11/30/17 15:47

Laboratory Sample ID: 7L04072-06 (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	321		10.0	ug/l	12/07/17 03:19	EPA 8260B	bag	
1,2,4-Trimethylbenzene	1380		50.0	ug/l	12/09/17 06:41	EPA 8260B	bag	
Benzene	648		10.0	ug/l	12/07/17 03:19	EPA 8260B	bag	
Toluene	2490		50.0	ug/l	12/09/17 06:41	EPA 8260B	bag	
Ethylbenzene	2290		50.0	ug/l	12/09/17 06:41	EPA 8260B	bag	
Xylenes (total)	8040		100	ug/l	12/09/17 06:41	EPA 8260B	bag	
Isopropylbenzene	152		10.0	ug/l	12/07/17 03:19	EPA 8260B	bag	
Methyl tert-butyl ether	30.2		10.0	ug/l	12/07/17 03:19	EPA 8260B	bag	
Naphthalene	387		10.0	ug/l	12/07/17 03:19	EPA 8260B	bag	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>94.5 %</i>		<i>70-130</i>		<i>12/07/17 03:19</i>	<i>EPA 8260B</i>	<i>bag</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>91.1 %</i>		<i>70-130</i>		<i>12/07/17 03:19</i>	<i>EPA 8260B</i>	<i>bag</i>	
<i>Surrogate: Fluorobenzene</i>	<i>89.3 %</i>		<i>70-130</i>		<i>12/07/17 03:19</i>	<i>EPA 8260B</i>	<i>bag</i>	

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Converse

2738 West College Avenue

State College PA, 16801

Project Manager: Mary Feerrar

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 38

Reported:

01/02/18 13:23

Client Sample ID: MW-7

Date/Time Sampled: 11/30/17 17:00

Laboratory Sample ID: 7L04072-07 (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

Q

1,3,5-Trimethylbenzene	89.6		10.0	ug/l	12/07/17 02:50	EPA 8260B	bag	
1,2,4-Trimethylbenzene	233		10.0	ug/l	12/07/17 02:50	EPA 8260B	bag	
Benzene	4090		100	ug/l	12/09/17 04:47	EPA 8260B	bag	
Toluene	63.2		10.0	ug/l	12/07/17 02:50	EPA 8260B	bag	
Ethylbenzene	645		10.0	ug/l	12/07/17 02:50	EPA 8260B	bag	
Xylenes (total)	387		20.0	ug/l	12/07/17 02:50	EPA 8260B	bag	
Isopropylbenzene	164		10.0	ug/l	12/07/17 02:50	EPA 8260B	bag	
Methyl tert-butyl ether	74.6		10.0	ug/l	12/07/17 02:50	EPA 8260B	bag	
Naphthalene	193		10.0	ug/l	12/07/17 02:50	EPA 8260B	bag	
<i>Surrogate: 4-Bromofluorobenzene</i>	96.9 %		70-130		12/07/17 02:50	EPA 8260B	bag	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	93.6 %		70-130		12/07/17 02:50	EPA 8260B	bag	
<i>Surrogate: Fluorobenzene</i>	92.5 %		70-130		12/07/17 02:50	EPA 8260B	bag	

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Converse

2738 West College Avenue

State College PA, 16801

Project Manager: Mary Feerrar

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 38

Reported:

01/02/18 13:23

Client Sample ID: MW-8

Date/Time Sampled: 11/30/17 13:07

Laboratory Sample ID: 7L04072-08 (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

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	12/06/17 13:28	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	12/06/17 13:28	EPA 8260B	mtc	
Benzene	<1.00		1.00	ug/l	12/06/17 13:28	EPA 8260B	mtc	
Toluene	<1.00		1.00	ug/l	12/06/17 13:28	EPA 8260B	mtc	
Ethylbenzene	<1.00		1.00	ug/l	12/06/17 13:28	EPA 8260B	mtc	
Xylenes (total)	<2.00		2.00	ug/l	12/06/17 13:28	EPA 8260B	mtc	
Isopropylbenzene	<1.00		1.00	ug/l	12/06/17 13:28	EPA 8260B	mtc	
Methyl tert-butyl ether	<1.00		1.00	ug/l	12/06/17 13:28	EPA 8260B	mtc	
Naphthalene	<1.00		1.00	ug/l	12/06/17 13:28	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	97.0 %		70-130		12/06/17 13:28	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	95.7 %		70-130		12/06/17 13:28	EPA 8260B	mtc	
Surrogate: Fluorobenzene	99.5 %		70-130		12/06/17 13:28	EPA 8260B	mtc	

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State College PA, 16801
Project Manager: Mary Feerrar

Project: ROSEMERGY'S
Project Number: 11-17788-03
Collector: CLIENT
Number of Containers: 38
Reported:
01/02/18 13:23

Client Sample ID: MW-9

Date/Time Sampled: 11/30/17 13:45

Laboratory Sample ID: 7L04072-09 (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	12/06/17 14:29	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	12/06/17 14:29	EPA 8260B	mtc	
Benzene	26.8		1.00	ug/l	12/06/17 14:29	EPA 8260B	mtc	
Toluene	1.79		1.00	ug/l	12/06/17 14:29	EPA 8260B	mtc	
Ethylbenzene	2.22		1.00	ug/l	12/06/17 14:29	EPA 8260B	mtc	
Xylenes (total)	<2.00		2.00	ug/l	12/06/17 14:29	EPA 8260B	mtc	
Isopropylbenzene	4.16		1.00	ug/l	12/06/17 14:29	EPA 8260B	mtc	
Methyl tert-butyl ether	<1.00		1.00	ug/l	12/06/17 14:29	EPA 8260B	mtc	
Naphthalene	<1.00		1.00	ug/l	12/06/17 14:29	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	99.1 %		70-130		12/06/17 14:29	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	95.8 %		70-130		12/06/17 14:29	EPA 8260B	mtc	
Surrogate: Fluorobenzene	102 %		70-130		12/06/17 14:29	EPA 8260B	mtc	

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Converse

Project: ROSEMERGY'S

2738 West College Avenue

Project Number: 11-17788-03

Reported:

State College PA, 16801

Collector: CLIENT

01/02/18 13:23

Project Manager: Mary Feerrar

Number of Containers: 38

Client Sample ID: MW-10

Date/Time Sampled: 12/01/17 13:38

Laboratory Sample ID: 7L04072-10 (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	12/06/17 03:26	EPA 8260B	bag	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	12/06/17 03:26	EPA 8260B	bag	
Benzene	<1.00		1.00	ug/l	12/06/17 03:26	EPA 8260B	bag	
Toluene	<1.00		1.00	ug/l	12/06/17 03:26	EPA 8260B	bag	
Ethylbenzene	<1.00		1.00	ug/l	12/06/17 03:26	EPA 8260B	bag	
Xylenes (total)	<2.00		2.00	ug/l	12/06/17 03:26	EPA 8260B	bag	
Isopropylbenzene	<1.00		1.00	ug/l	12/06/17 03:26	EPA 8260B	bag	
Methyl tert-butyl ether	5.56		1.00	ug/l	12/06/17 03:26	EPA 8260B	bag	
Naphthalene	<1.00		1.00	ug/l	12/06/17 03:26	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	97.0 %		70-130		12/06/17 03:26	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	106 %		70-130		12/06/17 03:26	EPA 8260B	bag	
Surrogate: Fluorobenzene	105 %		70-130		12/06/17 03:26	EPA 8260B	bag	

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Converse
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State College PA, 16801
Project Manager: Mary Feerrar

Project: ROSEMERGY'S
Project Number: 11-17788-03
Collector: CLIENT
Number of Containers: 38
Reported:
01/02/18 13:23

Client Sample ID: MW-14

Date/Time Sampled: 12/01/17 10:52

Laboratory Sample ID: 7L04072-11 (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	12/06/17 04:04	EPA 8260B	bag	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	12/06/17 04:04	EPA 8260B	bag	
Benzene	<1.00		1.00	ug/l	12/06/17 04:04	EPA 8260B	bag	
Toluene	<1.00		1.00	ug/l	12/06/17 04:04	EPA 8260B	bag	
Ethylbenzene	<1.00		1.00	ug/l	12/06/17 04:04	EPA 8260B	bag	
Xylenes (total)	<2.00		2.00	ug/l	12/06/17 04:04	EPA 8260B	bag	
Isopropylbenzene	<1.00		1.00	ug/l	12/06/17 04:04	EPA 8260B	bag	
Methyl tert-butyl ether	<1.00		1.00	ug/l	12/06/17 04:04	EPA 8260B	bag	
Naphthalene	<1.00		1.00	ug/l	12/06/17 04:04	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	97.7 %		70-130		12/06/17 04:04	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	101 %		70-130		12/06/17 04:04	EPA 8260B	bag	
Surrogate: Fluorobenzene	105 %		70-130		12/06/17 04:04	EPA 8260B	bag	

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2738 West College Avenue

State College PA, 16801

Project Manager: Mary Feerrar

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 38

Reported:

01/02/18 13:23

Client Sample ID: MW-15

Date/Time Sampled: 12/01/17 10:12

Laboratory Sample ID: 7L04072-12 (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	12/06/17 04:42	EPA 8260B	bag	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	12/06/17 04:42	EPA 8260B	bag	
Benzene	<1.00		1.00	ug/l	12/06/17 04:42	EPA 8260B	bag	
Toluene	<1.00		1.00	ug/l	12/06/17 04:42	EPA 8260B	bag	
Ethylbenzene	<1.00		1.00	ug/l	12/06/17 04:42	EPA 8260B	bag	
Xylenes (total)	<2.00		2.00	ug/l	12/06/17 04:42	EPA 8260B	bag	
Isopropylbenzene	<1.00		1.00	ug/l	12/06/17 04:42	EPA 8260B	bag	
Methyl tert-butyl ether	<1.00		1.00	ug/l	12/06/17 04:42	EPA 8260B	bag	
Naphthalene	<1.00		1.00	ug/l	12/06/17 04:42	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	97.1 %		70-130		12/06/17 04:42	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	108 %		70-130		12/06/17 04:42	EPA 8260B	bag	
Surrogate: Fluorobenzene	106 %		70-130		12/06/17 04:42	EPA 8260B	bag	

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2738 West College Avenue

State College PA, 16801

Project Manager: Mary Feerrar

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 38

Reported:

01/02/18 13:23

Client Sample ID: MW-17

Date/Time Sampled: 12/01/17 09:45

Laboratory Sample ID: 7L04072-13 (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	12/06/17 05:21	EPA 8260B	bag	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	12/06/17 05:21	EPA 8260B	bag	
Benzene	<1.00		1.00	ug/l	12/06/17 05:21	EPA 8260B	bag	
Toluene	<1.00		1.00	ug/l	12/06/17 05:21	EPA 8260B	bag	
Ethylbenzene	<1.00		1.00	ug/l	12/06/17 05:21	EPA 8260B	bag	
Xylenes (total)	<2.00		2.00	ug/l	12/06/17 05:21	EPA 8260B	bag	
Isopropylbenzene	<1.00		1.00	ug/l	12/06/17 05:21	EPA 8260B	bag	
Methyl tert-butyl ether	<1.00		1.00	ug/l	12/06/17 05:21	EPA 8260B	bag	
Naphthalene	<1.00		1.00	ug/l	12/06/17 05:21	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	98.6 %		70-130		12/06/17 05:21	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	104 %		70-130		12/06/17 05:21	EPA 8260B	bag	
Surrogate: Fluorobenzene	107 %		70-130		12/06/17 05:21	EPA 8260B	bag	

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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: Mary Feerrar

Project: ROSEMERGY'S
Project Number: 11-17788-03
Collector: CLIENT
Number of Containers: 38
Reported:
01/02/18 13:23

Client Sample ID: MW-18

Date/Time Sampled: 12/01/17 10:34

Laboratory Sample ID: 7L04072-14 (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	12/06/17 06:38	EPA 8260B	bag	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	12/06/17 06:38	EPA 8260B	bag	
Benzene	<1.00		1.00	ug/l	12/06/17 06:38	EPA 8260B	bag	
Toluene	<1.00		1.00	ug/l	12/06/17 06:38	EPA 8260B	bag	
Ethylbenzene	<1.00		1.00	ug/l	12/06/17 06:38	EPA 8260B	bag	
Xylenes (total)	<2.00		2.00	ug/l	12/06/17 06:38	EPA 8260B	bag	
Isopropylbenzene	<1.00		1.00	ug/l	12/06/17 06:38	EPA 8260B	bag	
Methyl tert-butyl ether	<1.00		1.00	ug/l	12/06/17 06:38	EPA 8260B	bag	
Naphthalene	<1.00		1.00	ug/l	12/06/17 06:38	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	98.6 %		70-130		12/06/17 06:38	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	104 %		70-130		12/06/17 06:38	EPA 8260B	bag	
Surrogate: Fluorobenzene	107 %		70-130		12/06/17 06:38	EPA 8260B	bag	

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2738 West College Avenue

State College PA, 16801

Project Manager: Mary Feerrar

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 38

Reported:

01/02/18 13:23

Client Sample ID: MW-19

Date/Time Sampled: 12/01/17 11:09

Laboratory Sample ID: 7L04072-15 (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	12/06/17 17:16	EPA 8260B	bag	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	12/06/17 17:16	EPA 8260B	bag	
Benzene	<1.00		1.00	ug/l	12/06/17 17:16	EPA 8260B	bag	
Toluene	<1.00		1.00	ug/l	12/06/17 17:16	EPA 8260B	bag	
Ethylbenzene	<1.00		1.00	ug/l	12/06/17 17:16	EPA 8260B	bag	
Xylenes (total)	<2.00		2.00	ug/l	12/06/17 17:16	EPA 8260B	bag	
Isopropylbenzene	<1.00		1.00	ug/l	12/06/17 17:16	EPA 8260B	bag	
Methyl tert-butyl ether	<1.00		1.00	ug/l	12/06/17 17:16	EPA 8260B	bag	
Naphthalene	<1.00		1.00	ug/l	12/06/17 17:16	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	97.5 %		70-130		12/06/17 17:16	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	103 %		70-130		12/06/17 17:16	EPA 8260B	bag	
Surrogate: Fluorobenzene	98.1 %		70-130		12/06/17 17:16	EPA 8260B	bag	

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Converse

2738 West College Avenue

State College PA, 16801

Project Manager: Mary Feerrar

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 38

Reported:

01/02/18 13:23

Client Sample ID: MW-20

Date/Time Sampled: 11/30/17 12:35

Laboratory Sample ID: 7L04072-16 (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	12/06/17 17:54	EPA 8260B	bag	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	12/06/17 17:54	EPA 8260B	bag	
Benzene	<1.00		1.00	ug/l	12/06/17 17:54	EPA 8260B	bag	
Toluene	<1.00		1.00	ug/l	12/06/17 17:54	EPA 8260B	bag	
Ethylbenzene	<1.00		1.00	ug/l	12/06/17 17:54	EPA 8260B	bag	
Xylenes (total)	<2.00		2.00	ug/l	12/06/17 17:54	EPA 8260B	bag	
Isopropylbenzene	<1.00		1.00	ug/l	12/06/17 17:54	EPA 8260B	bag	
Methyl tert-butyl ether	1.11		1.00	ug/l	12/06/17 17:54	EPA 8260B	bag	
Naphthalene	<1.00		1.00	ug/l	12/06/17 17:54	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	95.9 %		70-130		12/06/17 17:54	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	98.4 %		70-130		12/06/17 17:54	EPA 8260B	bag	
Surrogate: Fluorobenzene	95.7 %		70-130		12/06/17 17:54	EPA 8260B	bag	

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Converse

2738 West College Avenue

State College PA, 16801

Project Manager: Mary Feerrar

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 38

Reported:

01/02/18 13:23

Client Sample ID: MW-21

Date/Time Sampled: 11/30/17 11:30

Laboratory Sample ID: 7L04072-17 (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	12/06/17 18:33	EPA 8260B	bag	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	12/06/17 18:33	EPA 8260B	bag	
Benzene	<1.00		1.00	ug/l	12/06/17 18:33	EPA 8260B	bag	
Toluene	<1.00		1.00	ug/l	12/06/17 18:33	EPA 8260B	bag	
Ethylbenzene	<1.00		1.00	ug/l	12/06/17 18:33	EPA 8260B	bag	
Xylenes (total)	<2.00		2.00	ug/l	12/06/17 18:33	EPA 8260B	bag	
Isopropylbenzene	<1.00		1.00	ug/l	12/06/17 18:33	EPA 8260B	bag	
Methyl tert-butyl ether	<1.00		1.00	ug/l	12/06/17 18:33	EPA 8260B	bag	
Naphthalene	<1.00		1.00	ug/l	12/06/17 18:33	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	97.4 %		70-130		12/06/17 18:33	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	97.8 %		70-130		12/06/17 18:33	EPA 8260B	bag	
Surrogate: Fluorobenzene	96.0 %		70-130		12/06/17 18:33	EPA 8260B	bag	

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State College PA, 16801

Project Manager: Mary Feerrar

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 38

Reported:

01/02/18 13:23

Client Sample ID: MW-22

Date/Time Sampled: 11/30/17 12:18

Laboratory Sample ID: 7L04072-18 (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	12/06/17 20:27	EPA 8260B	bag	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	12/06/17 20:27	EPA 8260B	bag	
Benzene	<1.00		1.00	ug/l	12/06/17 20:27	EPA 8260B	bag	
Toluene	<1.00		1.00	ug/l	12/06/17 20:27	EPA 8260B	bag	
Ethylbenzene	<1.00		1.00	ug/l	12/06/17 20:27	EPA 8260B	bag	
Xylenes (total)	<2.00		2.00	ug/l	12/06/17 20:27	EPA 8260B	bag	
Isopropylbenzene	<1.00		1.00	ug/l	12/06/17 20:27	EPA 8260B	bag	
Methyl tert-butyl ether	<1.00		1.00	ug/l	12/06/17 20:27	EPA 8260B	bag	
Naphthalene	<1.00		1.00	ug/l	12/06/17 20:27	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	95.1 %		70-130		12/06/17 20:27	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	101 %		70-130		12/06/17 20:27	EPA 8260B	bag	
Surrogate: Fluorobenzene	96.8 %		70-130		12/06/17 20:27	EPA 8260B	bag	

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Converse

2738 West College Avenue

State College PA, 16801

Project Manager: Mary Feerrar

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 38

Reported:

01/02/18 13:23

Client Sample ID: GAC

Date/Time Sampled: 12/01/17 14:30

Laboratory Sample ID: 7L04072-19 (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	12/06/17 19:10	EPA 8260B	bag	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	12/06/17 19:10	EPA 8260B	bag	
Benzene	<1.00		1.00	ug/l	12/06/17 19:10	EPA 8260B	bag	
Toluene	<1.00		1.00	ug/l	12/06/17 19:10	EPA 8260B	bag	
Ethylbenzene	<1.00		1.00	ug/l	12/06/17 19:10	EPA 8260B	bag	
Xylenes (total)	<2.00		2.00	ug/l	12/06/17 19:10	EPA 8260B	bag	
Isopropylbenzene	<1.00		1.00	ug/l	12/06/17 19:10	EPA 8260B	bag	
Methyl tert-butyl ether	<1.00		1.00	ug/l	12/06/17 19:10	EPA 8260B	bag	
Naphthalene	<1.00		1.00	ug/l	12/06/17 19:10	EPA 8260B	bag	
Surrogate: 4-Bromofluorobenzene	95.0 %		70-130		12/06/17 19:10	EPA 8260B	bag	
Surrogate: 1,2-Dichloroethane-d4	98.5 %		70-130		12/06/17 19:10	EPA 8260B	bag	
Surrogate: Fluorobenzene	93.0 %		70-130		12/06/17 19:10	EPA 8260B	bag	

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Converse

2738 West College Avenue

State College PA, 16801

Project Manager: Mary Feerrar

Project: ROSEMERGY'S

Project Number: 11-17788-03

Collector: CLIENT

Number of Containers: 38

Reported:

01/02/18 13:23

Notes

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



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Converse	Project: ROSEMERGY'S	
2738 West College Avenue	Project Number: 11-17788-03	Reported:
State College PA, 16801	Collector: CLIENT	01/02/18 13:23
Project Manager: Mary Feerrar	Number of Containers: 38	

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.
- ^ The following analytes are to be filtered immediately upon sampling: Hexavalent Chromium. Filtration through a 0.45 micron filter within 15 minutes of sampling is required for compliance with the Clean Water Act (CWA) for reporting of hexavalent chromium to prevent interconversion of chromium species.
- * 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.
- [CALC] Indicates a calculated result. Calculations use results from other analyses performed under accredited methods.

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Converse	Project: ROSEMERGY'S	
2738 West College Avenue	Project Number: 11-17788-03	Reported:
State College PA, 16801	Collector: CLIENT	01/02/18 13:23
Project Manager: Mary Feerrar	Number of Containers: 38	

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. Samples received at the laboratory after business hours are verified on the next business day. Discrepancies are documented on the Receiving Document.

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 NELAC 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,

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

1/92 #1

SAMPLING PLACE Kosmery

OWNER Kosmery

ADDRESS

PROJECT NAME

CC FIELD REP ML

DATE 11/30 & 12/1/17

WEATHER Clear

PROJECT NO. 1171788-03

ATTENTION Mary Finner



FIRM RESPONSIBLE FOR SAMPLING
Converse Consultants

2738 West College Avenue
State College, Pennsylvania 16801
814-234-3223
Fax 814-234-3255

7104072

1.03

STATION NO. OR SAMPLE IDENT.	TIME	DEPTH TO WATER (FEET) DATUM	PURGING METHOD SAMPLE DEPTH (FT.) INTERVAL	AMOUNT PURGED (GALS)	SAMPLING METHOD	CONTAINER DESCRIPTION					pH	SPECIFIC CONDUCTANCE (μ mhos/cm.)	TEMP. °C	ANALYSIS REQUEST / COMMENTS
MW-1R	12:30	8.02	Ba1	3.5	Grab						5.8	1025	16.4	13008 PADEP Sheet
MW-2	4:18	5.88	Ba1	4.5							6.3	800	15.5	1.31 Target Compounds
MW-3	1:50	4.43	Ba1	5							6.1	852	12.9	
MW-4	2:27	8.10	Ba1	3.5							6.8	468	13.9	
MW-5	3:45	5.02	Ba1	4.5							6.5	889	15.3	
MW-5L	3:47	5.82	Ba1	1.5							6.5	789	15.5	
MW-7	5:00	9.14	Ba1	3							6.0	719	15.2	
MW-8	1:07	3.7	Ba1	4							6.5	363	12.6	
MW-9	1:45	2.32	Ba1	6.5							6.1	793	12.0	
MW-10	1:37	3.44	Ba1	5.5							6.5	810	11.0	
MW-14	10:52	1.5	Ba1	1.5							4.5	576	14.8	
MW-15	10:12	18.28	Ba1	3.0							5.9	1040	14.2	
MW-17	9:48	7.38	Ba1	4.0							5.9	726	13.3	

RECEIVING LABORATORY

ADDRESS

Fairway

DATE RECEIVED

TIME

ALL SAMPLES REC'D. INTACT ☐ YES ☐ NO

LIST SAMPLES MISSING/DAMAGED

ACCEPTED BY

TIME

TIME

PA

 $\frac{2}{2}$

其

SAMPLING PLACE

OWNER

ADDRESS

PROJECT NAME

CC FIELD REP

DATE 14/3

WEATHER

PROJECT NO.

ATTENTION

FIRM RESPONSIBLE FOR SAMPLING

Converse Consultants

2738 West College Avenue

State College, Pennsylvania 16801
814-234-3223

814-234-3223

Fax 814-234-3255

2013071

2023

[illegible]

1/92

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

Chain of Custody Receiving Document

Receiver: SS*Converse*Page 3 of 3Date/Time of this check: 12/4/17 1812Client: Rosemary *SS 12/4/17 Re*Lab # 7104072Received on ICE? Y ☐ * Sample Temperature when delivered to the Lab: 0.7 Acceptable? Y ☐ * or In cool down process? ☐ *

(Not applicable for WV compliance)

Custody Seals? N Intact? N/ACOC/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?)	
1							0.41	1 12/1 10 12/1
↓								2 11/30 11
18							↓	3 12/1 12
GAC 12/1/17								4 12/1 13
								5 11/30 14
								6 15
								7 16 11/30
								8 17
								9 18

* DEVIATION PRESENT: ☐ No Ice ☐ Not at Proper Temperature ☐ Wrong Container ☐ Missing Information:	CLIENT CALLED: YES () By Whom: _____ Date: _____	CLIENT RESPONSE: Proceed with analysis; quality data () Will Resample () Provided Information () No Response; Proceed and qualified () Client Contact: _____ Date: _____
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* Comments: GAC vials were not on chain of custody but were received. HAD TO TAKE DATA FROM BOTTLEABLE, NOT ON CHAIN OF CUSTODY