



May 5, 2014

- *Engineering*
- *Remediation*
- *Consulting*

Mr. James Richmond
Maryland Department of the Environment
Oil Control Program
1800 Washington Boulevard
Baltimore, Maryland 21230

Re: **Quarterly Monitoring Report**
Sheetz Store #177
3281 Main Street
Manchester, Maryland
MDE Case # 06-0056CL
MDE Facility ID No. 6297

Dear Mr. Richmond:

Environmental Alliance, Inc. (Alliance) was contracted by Sheetz, Inc. (Sheetz) to complete the environmental activities required by the Maryland Department of the Environment (MDE) for the above-referenced site. On-going site activities include temporary deactivation of the groundwater extraction system for rebound assessment, select monthly gauging and sampling of the monitoring well network, and quarterly groundwater gauging and sampling of the monitoring wells, as previously approved and directed by the MDE. In addition, surrounding potable supply wells are sampled as outlined by the MDE. This report covers the reporting period from January 1, 2014 through March 31, 2014. A site map is included as Figure 1.

Sheetz initiated quarterly groundwater sampling events in May 2005 in order to satisfy the Final Emergency Regulations within the MDE program. Additional monitoring well installations for vertical and horizontal delineation were conducted between August 2005 and April 2011. Pilot testing was completed in September 2005 and again in December 2009. A Corrective Action Plan (CAP) was submitted in September 2006 and the system was installed; however, the system

was shut down due to limited mass recovery. Additional delineation, geophysical testing and packer testing activities were completed between June 2009 and November 2009.

A CAP Addendum (March 2010) and CAP Modifications (July 2010 and October 2011) were approved and system upgrade activities were completed in December 2010. The system was started on December 20, 2010, discharging treated water to the Infiltration Gallery B. Subsequently, based on minimal mass removal, the tank field SVE system was shut down in June 2011. The 3017 Walnut Street agricultural well was permanently added to the groundwater extraction system in November 2011. A post-remedial monitoring work plan was submitted to the MDE in December 2013 and approved in March 2014. The March 2014 MDE directive approved temporary groundwater remediation system deactivation and requires specific groundwater monitoring and reporting. The groundwater remediation system was deactivated on March 14, 2014 and will remain so under the condition that MTBE is not detected at or above 6,000 micrograms per liter (ug/l) in the core monitoring well network located in the area of the active underground storage tank system and dispenser island. The core monitoring well network consists of the following: MW-1; MW-2; MW-3; MW-4; MW-5; MW-6; MW-7; MW-8; MW-9; MW-10; MW-11; MW-19A; and the former drinking water supply well at 3017 Walnut Street. Also, if MTBE is detected at or above 160 ug/l in any of the remaining monitoring wells associated with the site investigation, the remediation system must be reactivated.

In accordance with MDE directives, monitoring wells MW-12, MW-13, MW-14, MW-16, MW-20A, MW-20B, MW-21D, MW-22D, MW-23D, MW-24A, MW-24B, MW-25D, MW-26D, MW-29D, MW-30D, MW-31D, and MW-32D are sampled on a semi-annual basis (March and September). In conjunction with the semi-annual sampling locations, the remaining monitoring wells are sampled on a quarterly basis. The Town of Manchester municipal supply wells, Walnut Street well, Walnut Street spring, Holland Drive well, and Bachman Road well, are sampled quarterly. The private drinking wells at 3032 Walnut Street and 2931 Bachman Road are no longer sampled, however the agricultural well at 3017 Walnut Street is sampled on a quarterly basis.

In accordance with the MDE directive, March 4, 2014, on-going site investigation and periodic sampling activities are conducted as directed by the MDE. The following sections outline the data collected or received during this reporting period of January 1 through March 31, 2014.

CAP activities are conducted in accordance with the following documents:

- ◆ September 13, 2006 – Corrective Action Plan (CAP) submitted
- ◆ November 27, 2006 – MDE CAP approval
- ◆ March 8, 2010 – CAP Addendum (CAPA) submitted
- ◆ June 23, 2010 – MDE request for CAPA clarifications
- ◆ July 2, 2010 – CAPA Modification submitted
- ◆ August 20, 2010 – MDE March 2010 CAPA and July 2010 CAPA Modification approval
- ◆ May 25, 2011 – Corrective Action Activity Update – SVE Shutdown Request submitted
- ◆ June 24, 2011 – MDE request for CAPA
- ◆ June 29, 2011 – CAPA – Pilot Test Work Plan submitted
- ◆ August 9, 2011 – MDE Pilot Test Work Plan approval
- ◆ October 13, 2011 – CAPA Modification submitted
- ◆ November 30, 2011 – MDE CAPA Modification approval
- ◆ July 31, 2013 – MDE Sample Reduction Request approval
- ◆ December 5, 2013 – Post Remedial Monitoring Work Plan submitted
- ◆ March 4, 2014 – MDE Post Remedial Monitoring Work Plan approval

Gauging Data

The monitoring well network directly surrounding pumping well MW-17D and the infiltration gallery, including monitoring points MP-1 through MP-3 and piezometers PZ-A1 through PZ-A3 and PZ-B1 through PZ-B3, were gauged manually during the monitoring period for system and infiltration gallery monitoring purposes. To date, Infiltration Gallery B has been handling the treated water without appreciable accumulation within the gallery and without overflow to the surface.

Monitoring wells associated with remediation system monitoring were gauged manually on a monthly basis in January, February, and March 2014. The groundwater-gauging results for the

quarterly event were collected on March 14, 2014. The groundwater-gauging results ranged from an elevation of 852.77 feet (MW-32D) to 943.85 feet (MW-11). The main difference in groundwater elevation is reflective of the significant changes in ground surface elevation within the study area, and in select areas, the effect of the pumping well MW-17D. Historical gauging data during groundwater sampling events are summarized in Table 1, and a groundwater gradient map for the March 2014 data is presented in Figure 2. As presented in Figure 2, the predominant groundwater flow direction is to the north-northwest. Monitoring wells VMW-4, MW-29D were not considered in contouring based on well construction (screened interval) and monitoring well MW-22D was not considered based on location. The overall gradient remains consistent during system operation with the exception of the effects of the pumping conditions altering groundwater flow patterns in the vicinity of the pumping well MW-17D.

March 2014 Groundwater Sampling Event

The monitoring well network was purged and sampled in accordance with Alliance's *Standard Operating Procedures*, industry standards, and regulatory requirements on March 5 through 15, 2014. The procedures utilized during sampling include a required minimum of three borehole volumes be purged before sampling (dependent upon field conditions). Tank field wells were dry; therefore, groundwater samples were not collected. The tank field wells were also monitored using a photoionization detector (PID) and had non-detect vapor readings.

Groundwater samples were shipped to Fairway Laboratories, Inc. of Altoona, Pennsylvania (Fairway) under chain of custody protocols for analysis of full suite volatile organic compounds (VOCs), including fuel oxygenates, in accordance with EPA Method 8260. Groundwater analytical results (petroleum compounds only) and gauging results are summarized in Table 1. Laboratory analytical reports are included in Attachment I.

Analytical results indicated that the groundwater samples collected from monitoring wells MW-1, MW-2, MW-3, MW-5, MW-8, and MW-11 were above MDE Generic Numeric Cleanup Standards (MDE GNCS) for MtBE. Analytical results also indicated that all core and non-core monitoring wells were below MTBE concentrations designated by the MDE to initiate a reactivation of the groundwater remediation system. Analytical results are summarized in Table

1 (petroleum compounds only) and the laboratory analytical report is included in Attachment I. Analytical results are included in a groundwater analytical map presented in Figure 3.

The March 2014 groundwater sampling event indicated:

MONITORING WELLS:

Analysis Requested:

Full suite VOCs plus oxygenates- EPA Method 8260

Maximum Dissolved Benzene Concentration (ug/l):

< 1.00 ug/l

Maximum Dissolved MTBE Concentration (ug/l):

440 ug/l in monitoring well MW-8

Maximum LPH Thickness (ft):

No LPH detected

TANK FIELD WELLS:

Analysis Requested:

Full suite VOCs plus oxygenates – EPA Method 8260

Maximum Dissolved Benzene Concentration (ug/l):

Not Sampled-Dry

Maximum Dissolved MTBE Concentration (ug/l):

Not Sampled-Dry

Maximum LPH Thickness (ft):

Not Detected-Dry

Potable Well Sampling

The following potable wells are sampled on a quarterly basis in March, June, September and December:

- ◆ The Town of Manchester’s Walnut Street well, Walnut Street spring, Holland Drive well, and Bachman Road well
- ◆ 3017 Walnut Street (DePalmer residence) – agricultural well

In accordance with the sampling plan outlined above, a water sample was collected from each scheduled potable well, and shipped to Fairway under chain of custody protocols for analysis of full suite VOCs including fuel oxygenates, in accordance with EPA Method 524.2. The water sample collected from the well located at 3017 Walnut Street (DePalmer residence) was analyzed for full suite VOCs, including fuel oxygenates, in accordance with EPA Method 8260, due to the agricultural classification. Groundwater analytical data for the Town of Manchester’s potable wells: Walnut Street Spring, Walnut Street Well, Holland Drive Well and the Bachman Road Well, indicated concentrations below laboratory reporting limits. Quarterly potable well sampling data for these potable wells has been non-detect for more than four years. The DePalmer residence agricultural well (3017 Walnut Street) results were 2.99 ug/l, which is below

MDE GNCS of 20 ug/l for MtBE. Potable well analytical results are summarized in Table 2 (petroleum compounds only). In addition, the analytical results are also presented on Figure 4 (MTBE only). The laboratory analytical reports are included in Attachment I.

Remediation System Sampling

As directed by the June 2011 MDE letter, groundwater samples are collected as required by the NPDES Permit #MDG915060. Therefore, depending on the monthly amount of discharged water, an effluent sample was collected weekly or bi-weekly from the groundwater treatment system during system operation. Periodically, Alliance collects additional water samples from the system: monitoring well MW-17D influent, on site pumping wells combined influent, 3017 Walnut Street influent, the air stripper influent, and the air stripper effluent to evaluate system performance. Water samples were shipped to Fairway under chain of custody protocols for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) and MTBE in accordance with EPA Method 8260. Remediation system analytical results (petroleum compounds only) are summarized in Table 3. Laboratory analytical reports are included in Attachment I.

GROUNDWATER REMEDIATION SYSTEM DATA SUMMARY:

Type of System:	Groundwater Treatment (Monitoring Wells)
System Start Date:	December 20, 2010
System Shutdown Date:	March 14, 2014
Operating Days:	43 out of 73 days (January 1 through March 14, 2014) 58.9% Total uptime this quarter
Wells Capable of Extraction - groundwater Extraction:	Shallow monitoring wells MW-2, MW-5, MW-8, MW-9, MW-10, MW-11, deep monitoring well MW-17D, and the 3017 Walnut Street agricultural well
Extraction Wells in Use:	Monitoring wells MW-2, MW-5, MW-8, MW-9, MW-10, and MW-11 and the 3017 Walnut Street agricultural well; Monitoring Well MW-17D
Groundwater Extracted, Treated, & Discharged:	<u>Gallons</u>
This Quarter:	479,788
To Date:	16,940,183
Equivalent Liquid Phase Hydrocarbons Removed:	<u>Pounds</u>
This Quarter:	0.27
To Date:	93.70
Average Operational Flow Rate:	7.75 gpm

The groundwater remediation system was started on December 20, 2010. Monitoring wells were gradually added to the remediation system through October 2011, to include pumping deep monitoring well MW-17D, six shallow monitoring wells MW-2, MW-5, MW-8, MW-9, MW-10, MW-11, and the agricultural well located at 3017 Walnut Street to further address MTBE concentrations.

A timer on the pump in the 3017 Walnut Street agricultural is activated on the pump saver under a dry well condition, and then the pump is shut off for 24 hours before restarting. Additionally this quarter, Alliance continued pulsed pumping on monitoring well MW-17D. The pump has been pulsed by pumping for two weeks and then allowing two weeks with no pumping.

The infiltration galleries continue to handle the current treated water discharge with no appreciable accumulation within the galleries and without any chance of overflow to the surface. The system has been 90.21% operational since start-up. The system is down periodically for short periods for liquid-phase granular activated carbon change-outs and for minor maintenance (i.e. bag filter changes, etc.).

The groundwater system data is outlined in Table 4. The change in influent MTBE concentrations and mass removal estimates are graphed on Figures 5 and 6. The change in influent MTBE concentrations for the 3017 Walnut Street agricultural well is graphed on Figure 7. Laboratory analytical reports are included in Attachment I, the engineering reports with the system data are included in Attachment II, and hydrographs with groundwater concentrations are included in Attachment III. In addition, groundwater quality reductions since system operation are presented in Table 5 indicating a 99.11% decline in monitoring well MTBE concentrations since system start-up.

To evaluate system data and in accordance with the MDE air permit #013-9-0163, the groundwater system's air stripper analytical data is summarized in Table 6. In addition, the air stripper's vapor recovery data is summarized in Table 7. The engineering reports with the system data are included in Attachment II. Permit compliance (air, NPDES, WPA) is maintained for all systems.

SOIL VAPOR REMEDIATION SYSTEM DATA SUMMARY:

Type of System:	Soil Vapor Extraction (Monitoring Wells)
System Start Date:	February 2009
System Shutdown Date:	March 14, 2014
Operating Days:	0 out of 92 days (January 1 through March 14, 2014) 0% Total uptime this quarter
Wells Capable of Extraction - Soil Vapor Extraction:	Monitoring Wells MW-2, MW-5, MW-8, MW-9, MW-10 and MW-11 and Soil Vapor Extraction Wells SVE-1 and SVE-2
Vapor Phase Hydrocarbons Removed:	<u>Pounds</u>
This Quarter:	0.0
To Date:	231.75
Operational Air Flow:	0 scfm

As previously reported, there is minimal to zero mass removal from the monitoring well SVE system and the SVE system will remain down. Historical analytical data is summarized on Table 8 and SVE system data is outlined in Table 9. Engineering reports with system data are included in Attachment II. As approved by the June 24, 2011 MDE Directive, the SVE system on the tank field remains shut down due to minimal to zero mass removal (MDE air permit #013-9-0181).

Remediation System Evaluation

Overall, MTBE concentrations have been reduced by approximately 99.85% in the monitoring wells since the data collected prior to system operation in November 2010. Monitoring well MTBE concentrations graphed over time for select monitoring wells are included in Attachment III. The graphs clearly indicate downward trends in the MTBE concentrations, including the agricultural well at 3017 Walnut Street, which has been part of the remediation system since November 2011.

As discussed above, pulsed pumping from monitoring well MW-17D was initiated on January 4, 2012. The well was pumped for two weeks and then remained off for two weeks. While on the pulsed schedule, the average pumping rate of all the pumping wells over the quarter is approximately 7.75 gpm (calculated by utilizing the total gallons pumped over the total

operational time during the quarter). MTBE concentrations have continued to decline during this monitoring period.

The infiltration galleries are handling the current treated water discharge with no appreciable accumulation within the galleries and without any chance of overflow to the surface. There has not been flooding, mounding, or unusual concentrations in the monitoring wells indicating that the discharge to the galleries is not hydraulically affecting the plume migration.

Remediation System Update

A Post Remediation Monitoring Work Plan dated December 5, 2013 was submitted to MDE recommending that the remediation system be shut down for a period of time to evaluate rebound. A MDE directive dated March 4, 2014 approved temporary system deactivation and required specific groundwater monitoring and reporting. The groundwater remediation system was deactivated on March 14, 2014 and will remain so under the condition that MTBE is not detected at or above 6,000 ug/l in the core monitoring well network located in the area of the active underground storage tank system and dispenser island. Also, if MTBE is detected at or above 160 ug/l in any of the remaining monitoring wells associated with the site investigation, the remediation system must be reactivated. Beginning in April 2014, monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, and MW-19A will be gauged and sampled for three consecutive months to monitor the rebound of groundwater concentrations. A monthly groundwater sampling results report will be submitted to the MDE during this time to evaluate the present conditions and determine whether or not the groundwater remediation system remains deactivated.

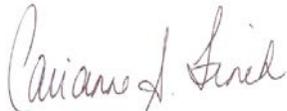
Future Activities

- ◆ Monthly gauging and sampling of monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-19, and 3017 Walnut Street (agricultural well) for three months (April, May, and June 2014) following groundwater remediation system deactivation;
- ◆ Monthly reporting of groundwater sampling results following the three post system deactivation sampling events;

- ◆ Reactivation of the remediation system if MTBE is detected at or above 6,000 parts ug/l in the core monitoring well network located in the area of the active UST and dispenser island or at or above 160 ug/l in remaining off-site monitoring wells;
- ◆ Semi-annual sampling of monitoring wells MW-12, MW-13, MW-14, MW-16, MW-20A, MW-20B, MW-21D, MW-22D, MW-23D, MW-24A, MW-24B, MW-25D, MW-26D, MW-29D, MW-30D, MW-31D, and MW-32D (March and September);
- ◆ Quarterly sampling remaining monitoring wells not listed in the above (March, June, September, and December);
- ◆ Quarterly potable well sampling (March, June, September, and December) – Walnut Street Well, Walnut Street Spring, Holland Drive Well, Bachman Road Well, and 3017 Walnut Street (agricultural well); and
- ◆ Quarterly reporting of groundwater sampling results.

If you have any questions or further information is required, please contact Cari Finch at (410) 729-9000 ext. 5014 or William Smith at (302) 234-4400 ext. 1019. Thank you for your time.

Sincerely,
ENVIRONMENTAL ALLIANCE, INC.


Carianne A. Finch
Professional Engineer


William Smith
Principal Hydrogeologist

ATTACHMENTS:

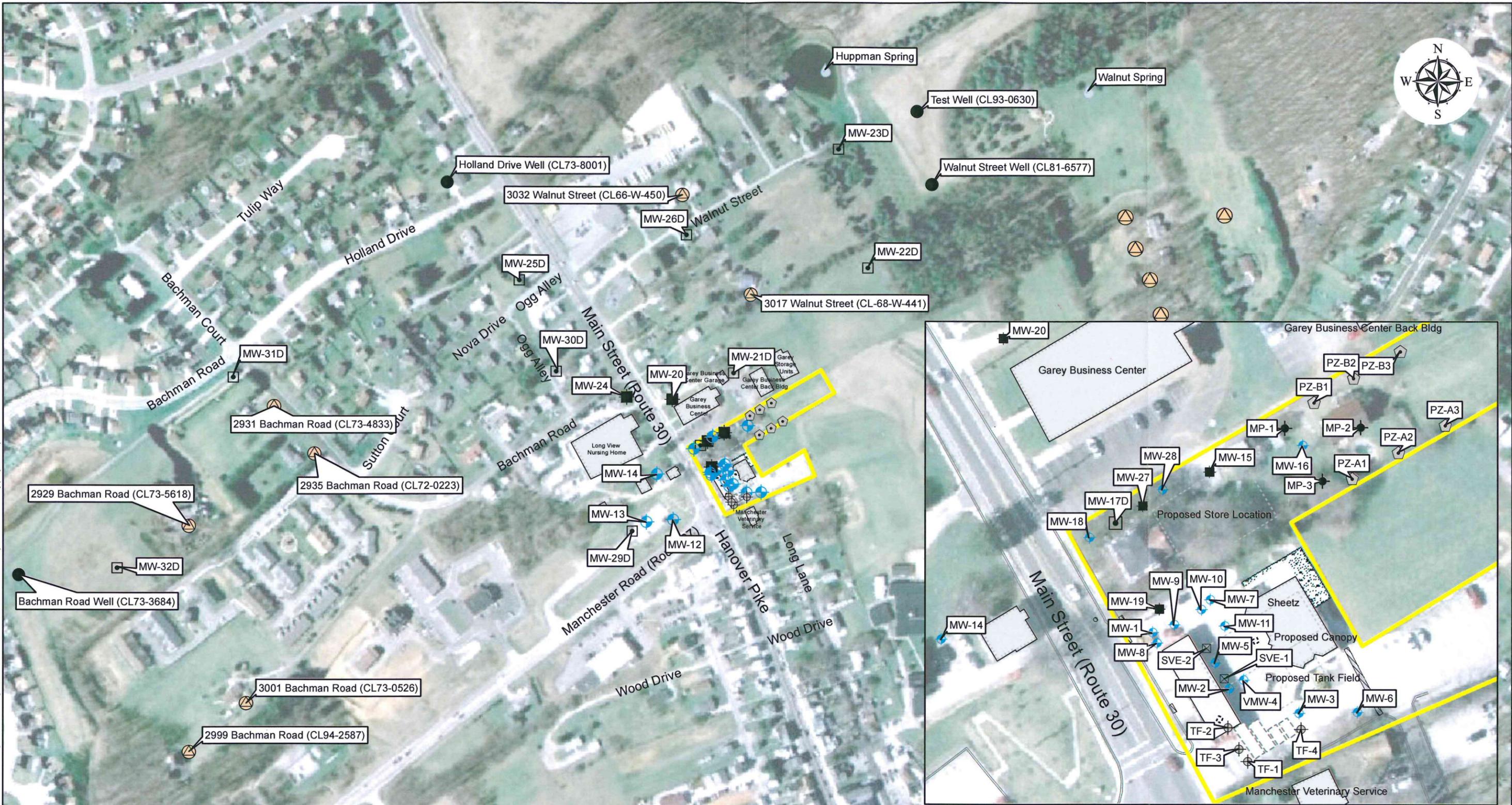
Figure 1:	Site Base Map
Figure 2:	Groundwater Gradient Map, March 2014 Quarterly Event
Figure 3:	Groundwater Analytical Map, March 2014 Quarterly Event
Figure 4:	Potable Well MTBE Concentration Map Updated March 2014
Figure 5:	Remediation System Influent MTBE Groundwater Concentrations
Figure 6:	Remediation System Total MTBE Recovery
Figure 7:	Total Vapor-Phase Hydrocarbon Mass Removal Estimate
Table 1:	Groundwater Analytical Data Summary
Table 2:	Residential Potable Well Analytical Data Summary
Table 3:	Remediation System Analytical Data Summary
Table 4:	Groundwater Recovery Data Summary
Table 5:	Groundwater Quality Reductions
Table 6:	Air Stripper Analytical Data Summary – Vapor Effluent
Table 7:	Air Stripper Vapor Recovery Data Summary
Table 8:	Soil Vapor Extraction Analytical Data Summary
Table 9:	Soil Vapor Extraction Recovery Data – Monitoring Wells
Attachment I:	Laboratory Analytical Reports and Chain-of-Custody Documentation
Attachment II:	Engineering Reports
Attachment III:	Concentration Graphs

- c: Mr. David Dodson, Sheetz, Inc. (electronic submittal and hard copy)
- Ms. Susan Bull, MDE – Oil Control (one copy plus CD)
- Mr. Chris Ralston, MDE – Oil Control (one copy)
- Mr. Edwin Singer, Carroll County Health Department (CD only)
- Mr. Steve Miller, Town of Manchester (CD only)
- Mr. Warren Fox, XL Insurance (email only)
- Mr. Tom Devilbiss, Carroll County (CD only)
- Mr. John Grace, MDE Water Supply (CD only)
- Mr. Peter Garey, Garey Business Center (CD only)

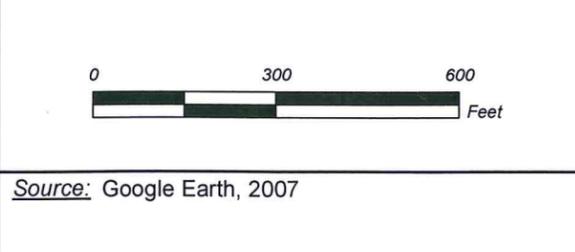
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FIGURES

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Legend					

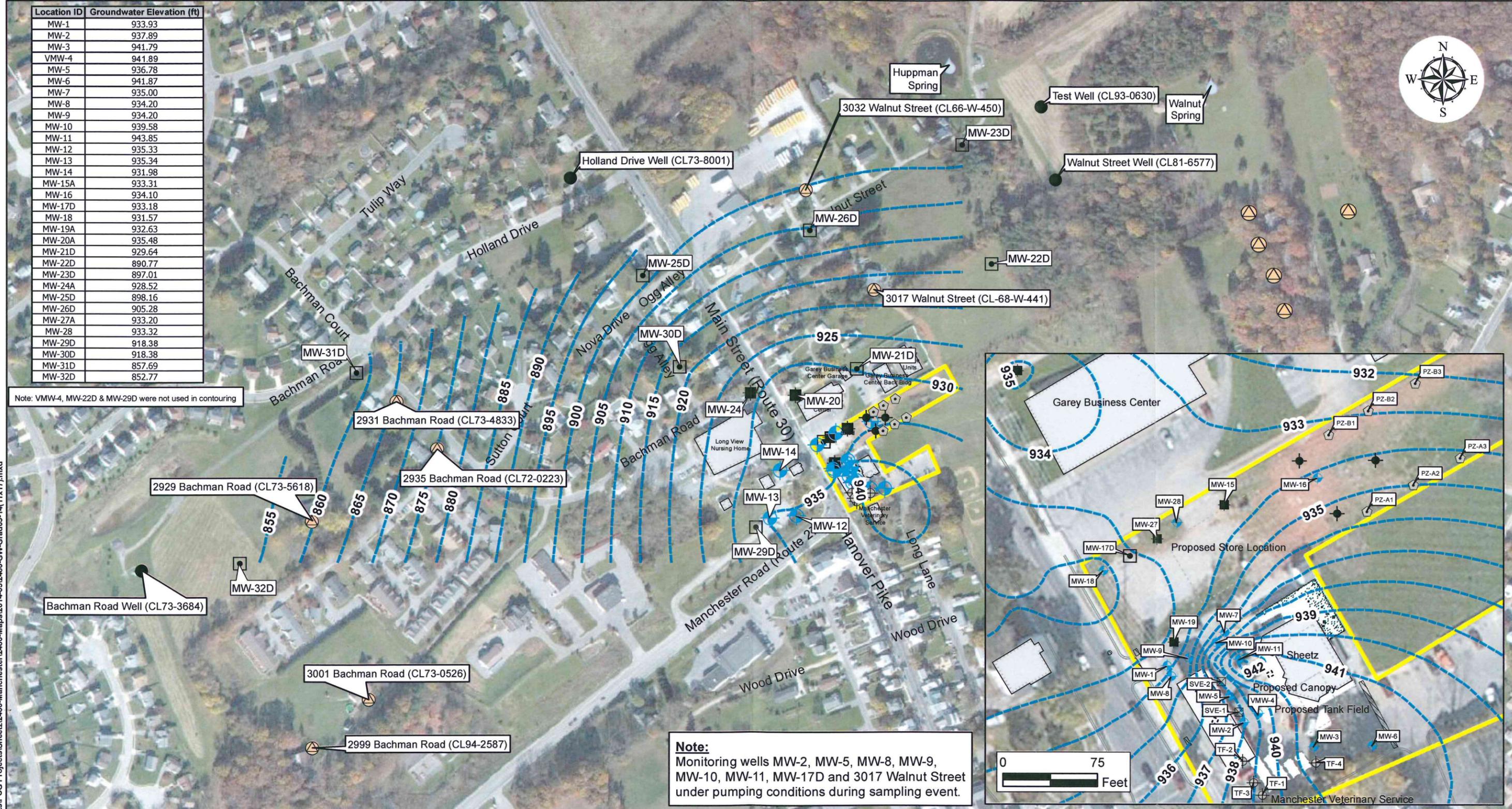


Environmental Alliance, Inc.
 1035 Benfield Blvd., Suite H, Millersville, MD 21108
 Phone: (410) 729-9000 - Fax: (410) 729-9001

Sheetz Store #177 3281 Main Street Manchester, Maryland			
Site Base Map			
DESIGNED BY: CAF	DRAWN BY: SKJ	UPDATED BY:	FIGURE NO.:
APPROVED BY:	PROJECT NO.: 2486	DATE: 05/09/2011	1

Location ID	Groundwater Elevation (ft)
MW-1	933.93
MW-2	937.89
MW-3	941.79
VMW-4	941.89
MW-5	936.78
MW-6	941.87
MW-7	935.00
MW-8	934.20
MW-9	934.20
MW-10	939.58
MW-11	943.85
MW-12	935.33
MW-13	935.34
MW-14	931.98
MW-15A	933.31
MW-16	934.10
MW-17D	933.18
MW-18	931.57
MW-19A	932.63
MW-20A	935.48
MW-21D	929.64
MW-22D	890.77
MW-23D	897.01
MW-24A	928.52
MW-25D	898.16
MW-26D	905.28
MW-27A	933.20
MW-28	933.32
MW-29D	918.38
MW-30D	918.38
MW-31D	857.69
MW-32D	852.77

Note: VMW-4, MW-22D & MW-29D were not used in contouring



Note:
Monitoring wells MW-2, MW-5, MW-8, MW-9, MW-10, MW-11, MW-17D and 3017 Walnut Street under pumping conditions during sampling event.

Legend			

0 300 600 Feet

Source: Bing Aerial, 2012

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Sheetz Store #177
3281 Main Street
Manchester, Maryland

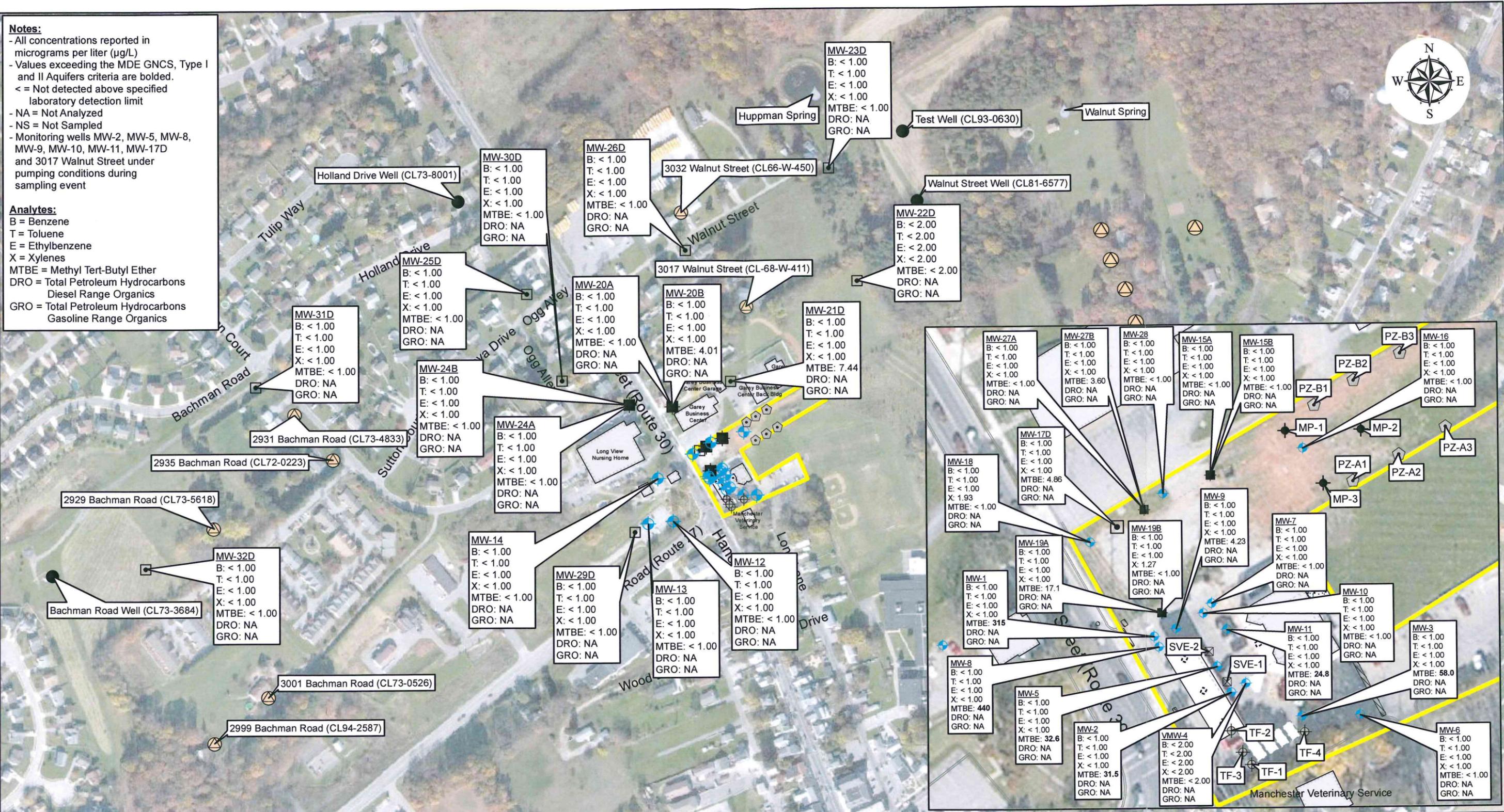
Groundwater Gradient Map
March 2014 Quarterly Event

DESIGNED BY: CAF	DRAWN BY: SKJ	UPDATED BY:	FIGURE NO.:
APPROVED BY:	PROJECT NO.:	DATE:	2
	2486	03/28/14	

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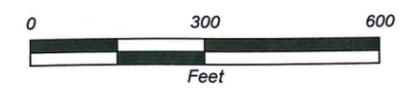
Notes:
 - All concentrations reported in micrograms per liter (µg/L)
 - Values exceeding the MDE GNCS, Type I and II Aquifers criteria are bolded.
 - < = Not detected above specified laboratory detection limit
 - NA = Not Analyzed
 - NS = Not Sampled
 - Monitoring wells MW-2, MW-5, MW-8, MW-9, MW-10, MW-11, MW-17D and 3017 Walnut Street under pumping conditions during sampling event

Analytes:
 B = Benzene
 T = Toluene
 E = Ethylbenzene
 X = Xylenes
 MTBE = Methyl Tert-Butyl Ether
 DRO = Total Petroleum Hydrocarbons Diesel Range Organics
 GRO = Total Petroleum Hydrocarbons Gasoline Range Organics



Legend

- Nested Well
- Deep Well
- Shallow Well
- Tank Field Well
- Infiltration Gallery Monitoring Point
- Piezometer
- Spring
- ⊗ Soil Vapor Point
- ⊙ Potable Well
- Town of Manchester Supply Well
- Building
- Canopy
- Dispenser
- UST
- Proposed Features
- ▨ Storm Drain
- Curbing
- Concrete
- Stone Pathway



Source: Bing Aerial, 2012



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Sheetz Store #177
 3281 Main Street
 Manchester, Maryland
 Groundwater Analytical Map
 March 2014 Quarterly Event

DESIGNED BY: CAF	DRAWN BY: SKJ	UPDATED BY:	FIGURE NO.:
APPROVED BY:	PROJECT NO.:	DATE:	3
	2486	10/11/12	

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HOLLAND DRIVE WELL	
Date	MTBE
12/10/08	< 0.500
10/06/09	< 0.500
11/25/09	< 0.500
02/03/10	< 0.500
05/27/10	< 0.500
08/26/10	< 0.500
11/05/10	< 0.500
03/03/11	< 0.500
06/20/11	< 0.500
09/14/11	< 0.500
12/07/11	< 0.500
03/22/12	< 0.500
06/07/12	< 0.500
09/20/12	< 0.500
12/04/12	< 0.500
03/13/13	< 0.500
06/10/13	< 0.500
09/09/13	< 0.500
12/11/13	< 0.500
03/10/14	< 0.500

3032 WALNUT STREET	
Date	MTBE
12/17/07	< 0.500
01/08/08	< 0.500
05/06/08	< 0.500
11/13/08	< 0.500
08/12/09	< 0.500
08/26/10	< 0.500
09/16/11	< 0.500
09/20/12	< 0.500

WALNUT STREET WELL	
Date	MTBE
05/21/09	< 0.500
08/06/09	< 0.500
11/25/09	< 0.500
02/03/10	< 0.500
05/27/10	< 0.500
08/26/10	< 0.500
11/05/10	< 0.500
03/24/11	< 0.500
06/20/11	< 0.500
10/14/11	< 0.500
12/07/11	< 0.500
03/22/12	< 0.500
06/07/12	< 0.500
10/09/12	< 0.500
12/07/12	< 0.500
03/13/13	< 0.500
06/10/13	< 0.500
09/09/13	< 0.500
12/11/13	< 0.500
03/10/14	< 0.500

WALNUT SPRING	
Date	MTBE
05/21/09	< 0.500
08/06/09	< 0.500
11/25/09	< 0.500
02/03/10	< 0.500
05/27/10	< 0.500
08/26/10	< 0.500
11/30/11	< 0.500
03/03/11	< 0.500
06/20/11	< 0.500
10/14/11	< 0.500
12/07/11	< 0.500
03/22/12	< 0.500
06/07/12	< 0.500
10/09/12	< 0.500
12/07/12	< 0.500
03/13/13	< 0.500
06/10/13	< 0.500
09/09/13	< 0.500
12/11/13	< 0.500
03/10/14	< 0.500

2931 BACHMAN ROAD	
Date	MTBE
08/19/10	1.84
09/14/10	2.76
03/02/11	< 0.500
09/14/11	0.62
03/22/12	0.860
03/15/13	< 0.500

2935 BACHMAN ROAD	
Date	MTBE
07/15/10	< 0.500

2929 BACHMAN ROAD	
Date	MTBE
03/24/11	< 0.500

BACHMAN ROAD WELL	
Date	MTBE
03/11/10	< 0.500
05/27/10	< 0.500
08/26/10	< 0.500
11/05/10	< 0.500
03/03/11	< 0.500
06/20/11	< 0.500
09/14/11	< 0.500
09/27/11	< 0.500
12/07/11	< 0.500
03/22/12	< 0.500
06/07/12	< 0.500
09/20/12	< 0.500
12/04/12	< 0.500
03/13/13	< 0.500
06/10/13	< 0.500
09/09/13	< 0.500
12/11/13	< 0.500
03/10/14	< 0.500

3001 BACHMAN ROAD	
Date	MTBE
07/27/10	< 0.500

2999 BACHMAN ROAD	
Date	MTBE
07/27/10	< 0.500

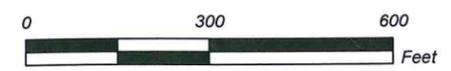
3017 WALNUT STREET	
Date	MTBE
02/19/09	8,720
08/12/09	7,600
11/13/09	3,380
02/16/10	1,400
05/27/10	3,800
08/26/10	10,100
11/05/10	3,470
03/02/11	9,060
06/21/11	2,770
09/09/11	2,890
09/12/11	2,990
09/14/11	1,520
09/19/11	2,320
09/27/11	1,470
10/04/11	1,080
10/11/11	2,080
11/14/11	1,500
12/05/11	1,330
01/03/12	463
02/07/12	754
03/05/12	352
04/09/12	2,210
05/14/12	565
06/04/12	569
09/20/12	753
10/22/12	730
12/04/12	122
03/14/13	1,130 QK
06/10/13	117
09/09/13	< 2.00
12/12/13	27.0
03/14/14	2.99

Notes:
 - All concentrations reported in micrograms per liter (µg/L)
 - Values exceeding the MDE GNCS, Type I and II Aquifers criteria are bolded.
 - < = Not detected above specified laboratory detection limit
 - QK = Above calibration range, therefore results are estimated
 - MTBE - Methyl Tert-Butyl Ether
 - VOC analysis conducted in accordance with EPA Method 524.2 with the exception of 3017 Walnut Street, which was conducted in accordance with EPA Method 8260

05/02/14 4:32:14 PM • G:\EAI Projects\PCG Projects\Sheetz\2486-Manchester\2486-Potable MTBE(03-14).mxd

Legend

- Potable Well
- Shallow Well
- Deep Well
- Nested Well
- Tank Field Well
- Piezometer
- Infiltration Gallery Monitoring Point
- Test Well
- Spring
- Soil Vapor Point
- Town of Manchester Supply Well
- Curbing
- Building
- Canopy
- Dispenser
- UST
- Proposed Features
- Storm Drain
- Concrete
- Stone Pathway
- Site Boundary



Source: Google Earth, 2007

Environmental Alliance, Inc.
 1035 Benfield Blvd., Suite H, Millersville, MD 21108
 Phone: (410) 729-9000 - Fax: (410) 729-9001

Sheetz Store #177
 3281 Main Street
 Manchester, Maryland

Potable Well MTBE Concentration Map
 Updated March 2014

DESIGNED BY: CAF	DRAWN BY: SKJ	UPDATED BY: --	FIGURE NO.:
APPROVED BY:	PROJECT NO.:	DATE:	4
	2486	10/11/12	

FIGURE 5
REMEDIATION SYSTEM INFLUENT MTBE GROUNDWATER CONCENTRATIONS
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

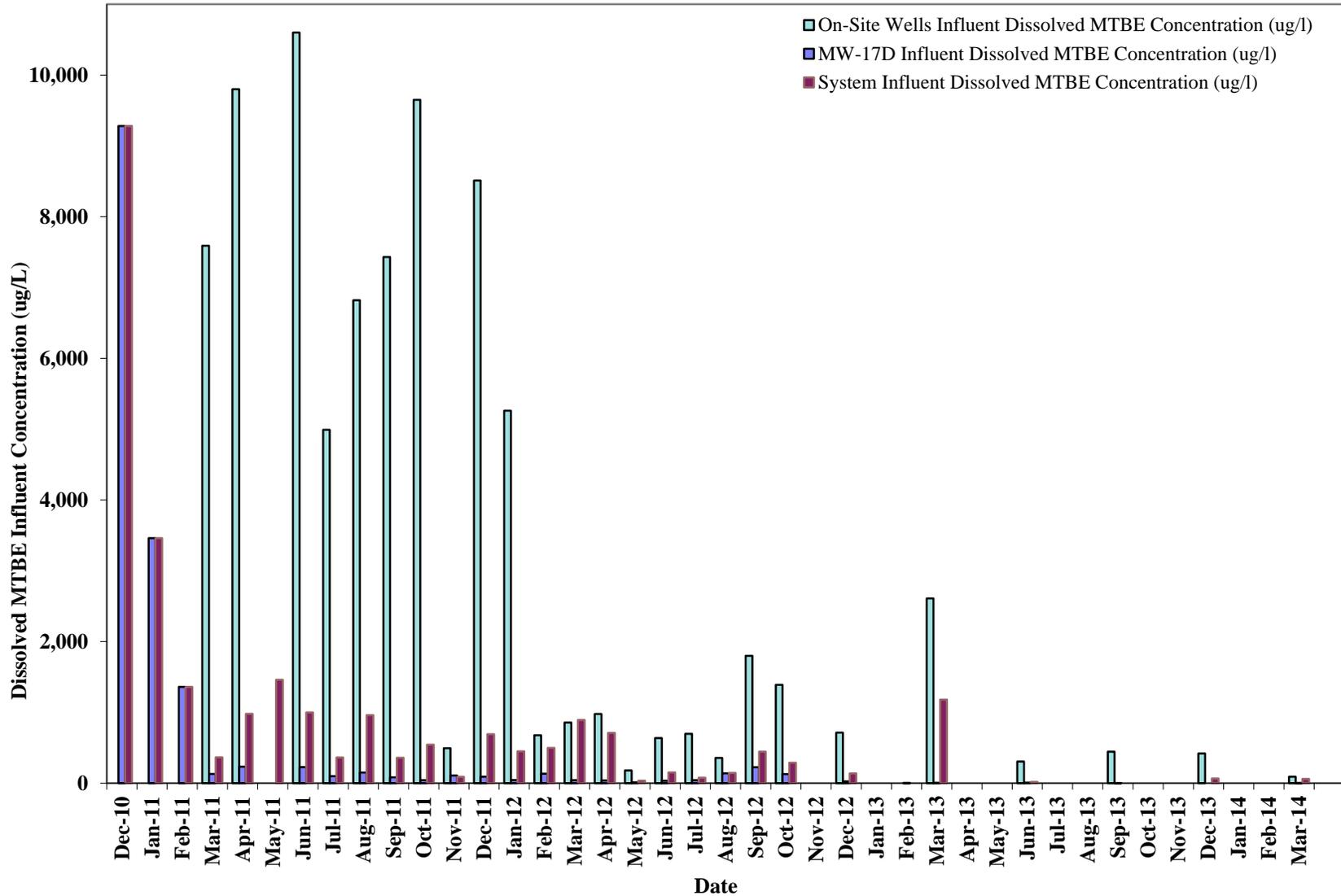


FIGURE 6
REMEDIATION SYSTEM TOTAL MTBE RECOVERY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

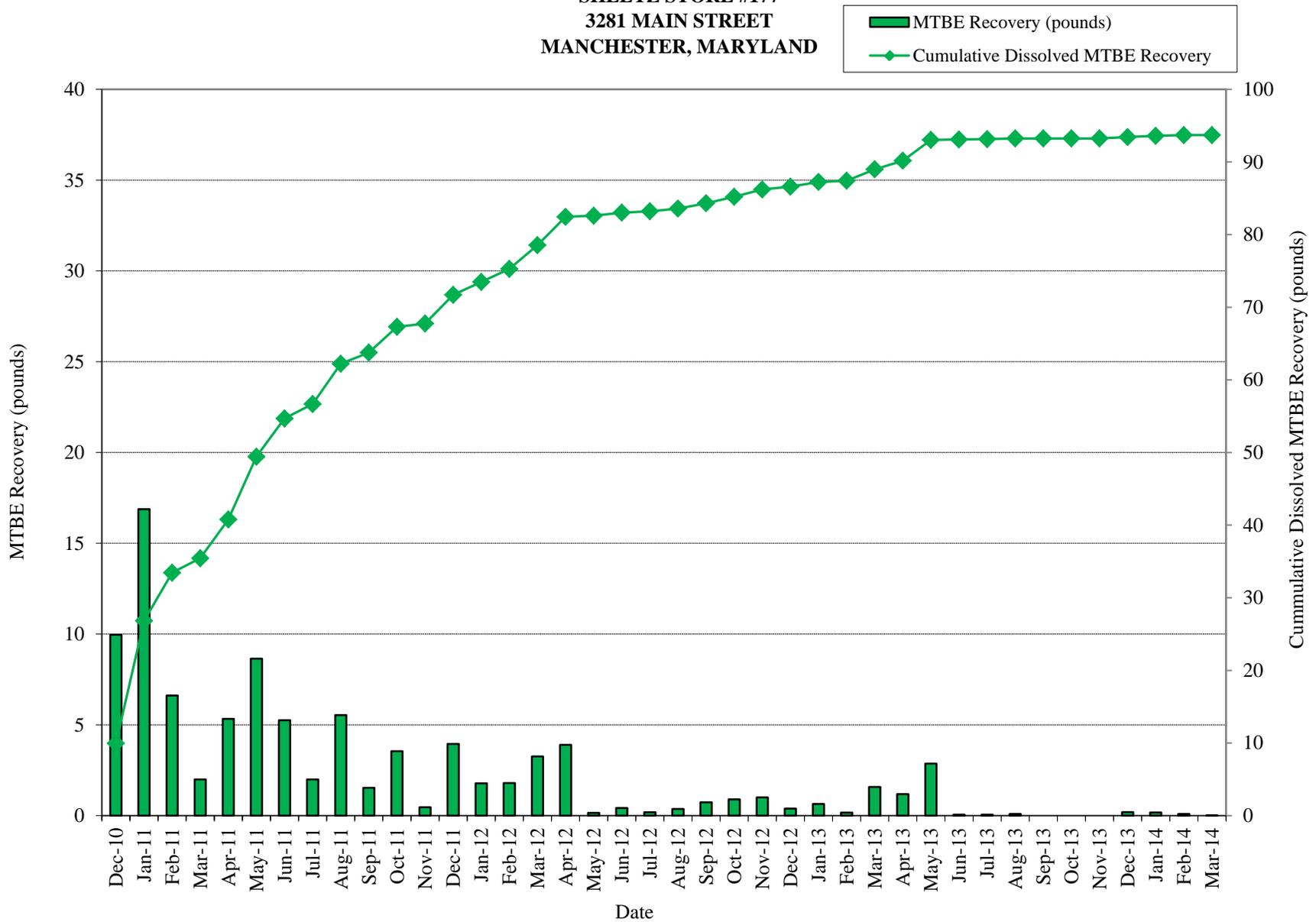
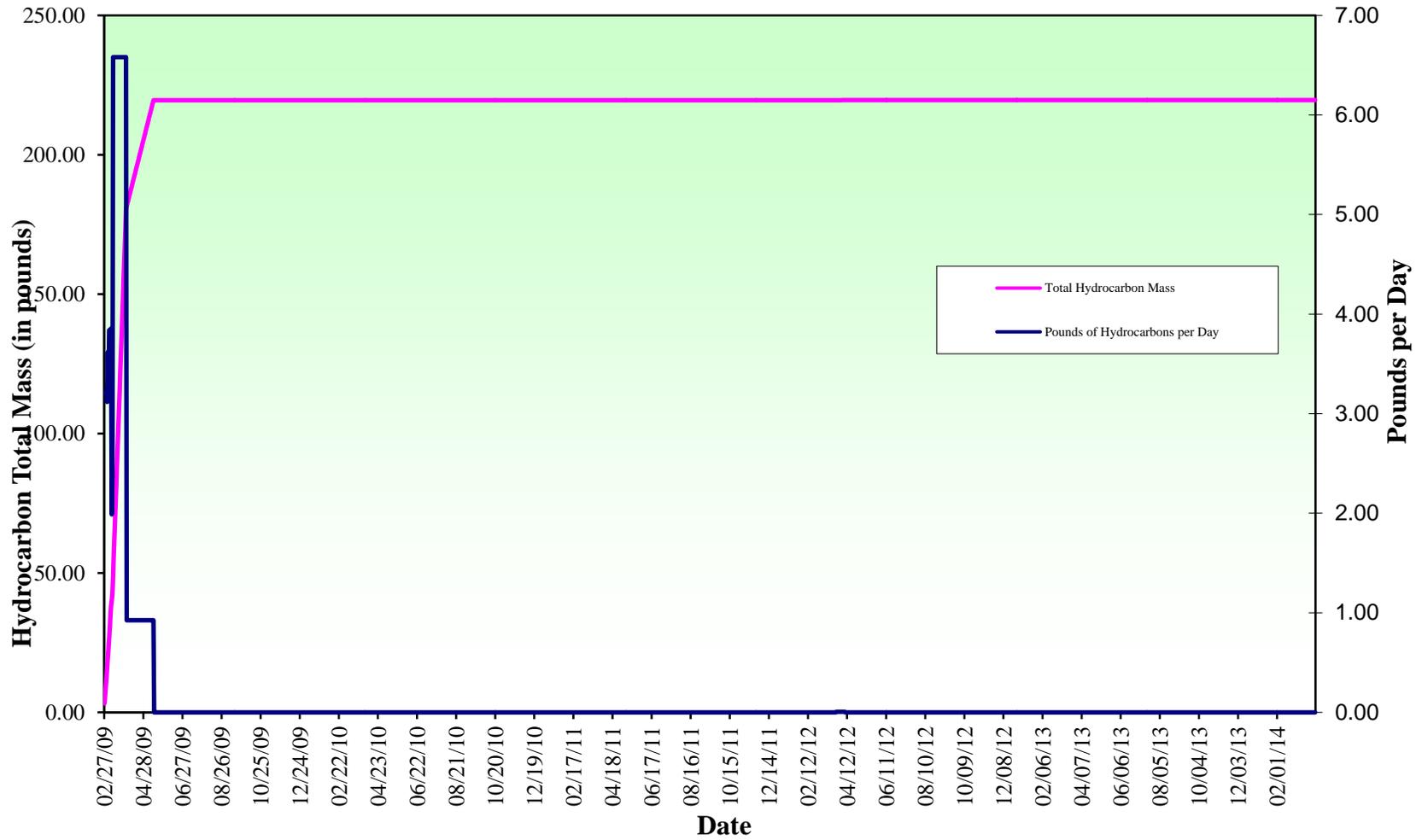


Figure 7
Total Vapor-Phase Hydrocarbon Mass Removal Estimate
Monitoring Well System
Sheetz # 177, Manchester, Maryland



TABLES

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)											
					Benzene	Toluene	Ethylbenzene	Xylenes (Total) *	MTBE	Napthalene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47
MW-1 4" dia. TD=45 feet TOS=25 feet	100.00	05/26/05	35.90	64.10	36	<1.0	<2.0	6.0	55,000	--	--	--	--	--	1,100	59,000
		08/30/05	37.22	62.78	<25	<35	<40	<40	37,000	--	--	--	--	--	1,500	7,400
		11/14/05	37.43	62.57	25	<5.0	<5.0	<10	24,000	--	<50	770	190	<5.0	<1,000	37,000
		02/23/06	33.25	66.75	44	<5.0	<5.0	1.5	87,000	--	26,000	2,000	290	3.2	300	90,000
		05/03/06	37.24	62.76	<5.0	<5.0	<5.0	<5.0	94	--	27	2.7	2	<5.0	410	<1,000
		08/31/06	40.80	59.20	0.84	<5	<5	<5	1,400	--	350	20	5.9	<5.0	1,000	<1,000
		11/21/06	37.50	62.50	15	<5.0	<5.0	<5.0	29,000	--	9,300	--	--	--	--	--
		02/06/07	38.28	61.72	17	<5.0	<5.0	<5.0	44,000	--	<50	630	140	<5.0	<1,000	1,400
		05/16/07	34.65	65.35	27	<5.0	<5.0	<5.0	82,000	--	<50	1,900	320	<5.0	<1,000	1,200
		08/16/07	38.20	61.80	6.3	<5.0	<5.0	<5.0	21,000	--	6,400	370	76	<5.0	<1,000	<1,000
		11/26/07	42.35	57.65	<5.0	<5.0	<5.0	<5.0	16,000	--	4,900	250	70	<5.0	1,600	1,100
		02/27/08	38.41	61.59	5.28	<1.0	<1.0	<1.0	16,800	<1.00	5,880	331	81.2	1.16	<300	698
		05/06/08	34.81	65.19	4.54	<1.0	<1.0	<1.0	29,600	<1.00	5,240	669	158	<1.0	<300	827
	08/12/08	36.51	63.49	36.51	<1.0	<1.0	<1.0	57,900	<1.00	14,300	1,230	195	<1.0	<600	2,040	
	11/13/08	39.99	60.01	5.10	<2.0	<2.0	<2.0	21,400	2.36	5,040	401	162	<2.0	<300	1,260	
	02/19/09	37.63	62.37	<2.0	<2.0	<2.0	<2.0	19,000	<2.00	8,510	211	66.9	<2.0	222 J	574	
	05/14/09	35.62	64.38	2.62	<1.0	<1.0	<1.0	17,900	<1.00	4,580	207	87.0	<1.0	<40	814	
	06/08/09	36.09	63.91	--	--	--	--	--	--	--	--	--	--	--	--	
	08/06/09	37.87	62.13	2.09	<1.0	<1.0	<1.0	11,900	<1.00	5,460	422	61.5	<1.0	<40	1,090	
	11/24/09	34.58	65.42	1.36	<1.0	<1.0	<1.0	30,700	<1.00	9,430	640	69.8	<1.0	<300	1,780	
	02/01/10	32.33	67.67	2.86	<1.0	<1.0	<1.0	35,400	<1.00	7,320	670	<1.0	<1.0	<300	247	
	05/25/10	34.01	65.99	2.88	<2.0	<2.0	<2.0	18,300	<2.00	6,260	410	166	<2.0	<300	1,340	
	08/25/10 ³	40.00	60.00	<2.0	<2.0	<2.0	<2.0	5,830	<2.00	2,070	100	31.2	<2.0	171	993	
	11/02/10 ⁴	39.36	60.64	<1.0	<1.0	<1.0	<1.0	4,520	<1.00	1,750	62.8	22.7	<1.0	<150	1,070	
	03/01/11 ⁵	32.53	67.47	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<200	
	06/16/11	35.88	931.12	<1.0	<1.0	<1.0	<1.0	697	<1.00	205	11.7	6.28	<1.0	<150	819	
	09/13/11	30.00	937.00	<1.0	<1.0	<1.0	<1.0	1,010	<1.00	97	5.77	<1.0	<1.0	298	463	
12/01/11	33.00	934.00	<2.0	<2.0	<2.0	<2.0	780	<2.00	160	9.10	<2.0	<2.0	--	--		
03/21/12	37.71	929.29	<1.00	<1.00	<1.00	<1.00	443	<1.00	40.9	5.16	2.69	<1.00	--	--		
06/05/12	37.49	929.51	<2.00	<2.00	<2.00	<2.00	2,110	<2.00	790	48.4	10.5	<2.00	--	--		
09/04/12	38.81	928.19	<1.00	<1.00	<1.00	<1.00	828	<1.00	340	18.3	6.64	<1.00	--	--		
12/04/12 ⁶	36.56	930.44	<1.00	<1.00	<1.00	<1.00	79.5	<1.00	17.0	<1.00	<1.00	<1.00	--	--		
03/14/13	36.93	930.07	<1.00	<1.00	<1.00	<1.00	443 QK	<1.00	24.5	3.31	<1.00	<1.00	--	--		
06/11/13	38.37	928.63	<1.00	<1.00	<1.00	<1.00	29.0	<1.00	<5.00	<1.00	<1.00	<1.00	--	--		
09/12/13	36.11	930.89	<1.00	<1.00	<1.00	<1.00	188 QK	<1.00	<5.00	1.88	1.72	<1.00	--	--		
12/09/13	30.90	936.10	<1.00	<1.00	<1.00	<1.00	6.73	<1.00	<5.00	<1.00	<1.00	<1.00	--	--		
03/07/14	33.07	933.93	<1.00	<1.00	<1.00	<1.00	315	<1.00	<5.00	<1.00	<1.00	<1.00	--	--		

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)											
					Benzene	Toluene	Ethylbenzene	Xylenes (Total) *	MTBE	Napthalene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47
MW-2 4" dia. TD=45 feet TOS=25 feet	103.17	05/26/05	32.77	70.40	<1.0	<1.0	<2.0	<2.0	58,000	--	--	--	--	--	860	69,000
		08/30/05	34.60	68.57	<25	<35	<40	<40	60,000	--	--	--	--	--	1,100	11,000
		11/14/05	35.40	67.77	24	<5.0	<5.0	<10	59,000	--	<50	850	260	<5.0	<1,000	15,000
		02/23/06	31.11	72.06	25	<5	<5	0.69	58,000	--	17,000	830	210	2	190	74,000
		05/03/06	34.83	68.34	17	<5	<5	0.51	37,000	--	11,000	550	170	1.4	200	24,000
		08/31/06	38.50	64.67	22	<5.0	<5.0	<5.0	42,000	--	41,000	580	210	2	190	10,000
		11/21/06	36.31	66.86	15	<5.0	<5.0	<5.0	35,000	--	110,000	--	--	--	0.28	--
		02/06/07	36.05	67.12	8.3	<5.0	<5.0	<5.0	30,000	--	<50	380	110	<5.0	<1,000	1,200
		05/16/07	32.27	70.90	12	<5.0	<5.0	<5.0	25,000	--	<5,000	350	100	<5.0	<1,000	<1,000
		08/16/07	35.18	67.99	5	<5.0	<5.0	<5.0	20,000	--	<50	350	71	<5.0	<1,000	<1,000
		11/26/07	43.73	59.44	<5.0	<5.0	<5.0	<5.0	11,000	--	2,900	170	49	<5.0	<1,000	<1,000
		02/27/08	37.35	65.82	4.69	<1.0	10.2	60.3	1,230	<1.00	21,300	188	57.5	<1.0	2,500	654
		05/06/08	32.80	70.37	5.27	<1.0	<1.0	<1.0	9,040	<1.0	2,360	178	52.6	<1.0	<300	264
		08/12/08	34.25	68.92	6.07	<1.0	<1.0	<1.0	10,500	1.92	3,850	303	43.7	<1.0	358	1,250
	11/13/08	37.39	65.78	5.58	<1.0	<1.0	<1.0	8,820	1.45	1,920	148	50.2	<1.0	<300	995	
	02/19/09	35.59	67.58	7.56	<1.0	<1.0	<1.0	11,200	1.83	3,450	196	51	<1.0	368	570	
	05/14/09	34.20	68.97	5.59	<1.0	<1.0	<1.0	8,330	1.56	1,600	105	45.9	<1.0	388	678	
	06/08/09	33.98	69.01	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/06/09	35.54	67.45	6.15	<1.0	<1.0	<1.0	9,010	1.48	1,660	363	50	<1.0	212 J	1,150	
	11/24/09	32.46	70.53	2.32	<1.0	<1.0	<1.0	5,350	<1.00	978	83.8	19.9	<1.0	<300	1,160	
	02/01/10	30.52	72.47	3.51	<1.0	<1.0	<1.0	6,740	<1.00	819	112	32.6	<1.0	<300	108	
	05/26/10	32.41	70.58	2.42	<1.0	<1.0	<1.0	5,340	<1.00	880	61.4	19.4	<1.0	<300	823	
	08/25/10 ³	37.96	65.03	3.04	<2.0	<2.0	<2.0	5,180	<2.00	807	89.4	28.5	<2.0	398 ²	908	
	11/02/10 ⁴	37.67	65.32	1.16	<1.0	<1.0	<1.0	3,260	<1.00	425	42.6	16.2	<1.0	177	918	
	03/01/11 ⁵	33.51	69.48	<1.0	<1.0	<1.0	<1.0	3,290	<1.00	35.0	29.2	8.74	<1.0	<150	1,110	
	06/17/11	31.92	938.07	<2.0	<2.0	<2.0	<2.0	8,490	<2.00	2,560	377	105	<2.0	190	1,810	
	09/12/11	28.71	941.28	<2.0	<2.0	<2.0	<2.0	11,800	<2.00	3,120	173	68.1	<2.0	319	1,200	
	12/01/11	30.86	939.13	<2.0	<2.0	<2.0	<2.0	9,240	<2.00	5,410	212	57.3	<2.0	--	--	
03/20/12	43.42	926.57	<1.0	<1.0	<1.0	<1.0	1,680	<1.00	443	15.3	11.4	<1.0	--	--		
06/04/12	43.38	926.61	<1.00	<1.00	<1.00	<1.00	1,080	<1.00	317	17.8	5.02	<1.00	--	--		
09/24/12	36.80	933.19	<2.00	<2.00	<2.00	<2.00	838 QK	<2.00	143	10.4	4.22	<2.00	--	--		
12/03/12	34.42	935.57	<2.00	<2.00	<2.00	<2.00	274 QK	<2.00	<10.0	3.32	2.92	<2.00	--	--		
03/11/13	33.75	936.24	<1.00	<1.00	<1.00	<1.00	99.7	<1.00	14.5	1.43	<1.00	<1.00	--	--		
06/11/13	35.16	934.83	<1.00	<1.00	<1.00	<1.00	319 QK	<1.00	<5.00	3.40	1.83	<1.00	--	--		
09/24/13	35.61	934.38	<1.00 VC	<1.00 VC	<1.00 VC	<1.00 VC	385 QK	<1.00	<5.00 VC	5.91	2.37	<1.00	--	--		
12/11/13	32.40	937.59	<1.00	<1.00	<1.00	<1.00	234	<1.00	11.9	3.68	2.01	<1.00	--	--		
03/14/14	32.10	937.89	<1.00	<1.00	<1.00	<1.00	31.5	<1.00	<5.00	<1.00	<1.00	<1.00	--	--		

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)												
					Benzene	Toluene	Ethylbenzene	Xylenes (Total) *	MTBE	Napthalene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO	
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47	
MW-3 4" dia. TD=45 feet TOS=25 feet	106.87	05/26/05	33.40	73.47	10	<1.0	<1.0	2.0	4,500	--	--	--	--	--	860	5,000	
		08/30/05	36.10	70.77	7	<1.0	<2.0	2.0	2,600	--	--	--	--	--	960	710	
11/14/05		36.98	69.89	8.8	<5.0	<5.0	<10	3,000	--	300	63	21	<5.0	<1,000	4,600		
02/23/06		32.45	74.42	13	<5.0	<5.0	2.6	5,200	--	480	100	37	<5.0	620	6,600		
05/03/06		36.20	70.67	4.7	<5.0	<5.0	0.61	1,400	--	110	28	15	<5.0	510	3,700		
08/31/06		40.27	66.60	3.4	<5.0	<5.0	<5.0	1,200	--	110	21	10	<5.0	430	5,800		
11/21/06		38.25	68.62	<5.0	<5.0	<5.0	<5.0	1,200	--	50	--	--	--	--	--	--	
02/06/07		39.60	67.27	6.1	<5.0	<5.0	<5.0	1,700	--	140	39	16	<5.0	<1,000	<1,000		
05/16/07		33.31	73.56	<5.0	<5.0	<5.0	<5.0	1,500	--	190	37	13	<5.0	<1,000	<1,000		
08/16/07		39.54	67.33	<5.0	<5.0	<5.0	<5.0	150	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000		
11/26/07	41.80	65.07	<5.0	<5.0	<5.0	<5.0	250	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000			
02/27/08	38.61	68.26	<1.0	<1.0	<1.0	<1.0	27.6	<1.00	<5.0	<1.0	3.58	<1.0	<300	<100			
05/06/08	34.29	72.58	1.7	<1.0	<1.0	<1.0	929	2.28	15.8	16.7	13	<1.0	340	<100			
08/12/08	35.52	71.35	3.28	<1.0	<1.0	<1.0	702	7.74	<5.0	15.4	6.05	<1.0	722	416			
11/13/08	38.80	68.07	2.16	<1.0	<1.0	<1.0	736	4.35	47.7	10.2	5.54	<1.0	<300	362			
02/19/09	37.08	69.79	3.22	<1.0	<1.0	<1.0	436	4.71	48.7	8.00	5.09	<1.0	460 J	173			
05/14/09	36.15	70.72	2.15	<1.0	<1.0	<1.0	653	2.64	25.2	6.67	7.41	<1.0	464	229			
	106.88	06/08/09	35.55	71.33	--	--	--	--	--	--	--	--	--	--	--		
		08/06/09	37.02	69.86	3.2	<1.0	<1.0	<1.0	558	3.88	<5.0	8.23	4.54	<1.0	344	269	
		11/24/09	34.01	72.87	1.83	<1.0	<1.0	<1.0	539	2.11	33.4	9.65	4.35	<1.0	576	443	
		02/01/10	31.43	75.45	4.36	<1.0	<1.0	1.54	344	5.93	21.6	8.92	4.69	<1.0	624	<100	
		05/26/10	33.6	73.28	<2.0	<2.0	<2.0	<2.0	228	<2.00	<10	5.64	3.12	<2.0	<300	222	
		08/25/10 ³	39.57	67.31	1.27	<1.0	<1.0	<1.0	340	<1.00	<5.0	2.73	9.32	<1.0	458	150	
		11/02/10 ⁴	39.54	67.34	<2.0	<2.0	<2.0	<2.0	105	<2.00	<10	<2.0	4.22	<2.0	316	<100	
		03/01/11 ⁵	37.10	69.78	<2.0	<2.0	<2.0	<2.0	9.18	<2.00	<10	<2.0	3.46	<2.0	439	<200	
		973.88	06/16/11	32.15	941.73	1.02	<1.0	<1.0	<1.0	78.5	<1.00	<5.0	1.68	<1.0	<1.0	378	120
			09/13/11	30.01	943.87	<1.0	<1.0	<1.0	<1.0	12.5	<1.00	<5.0	<1.0	<1.0	<1.0	220	<100
	12/01/11		31.39	942.49	1.09	<1.0	<1.0	<1.0	118	<1.00	<5.0	2.09	1.17	<1.0	--	--	
	03/21/12		35.98	937.90	<1.0	<1.0	<1.0	<1.0	18.2	<1.00	<5.0	<1.0	<1.0	<1.0	--	--	
	06/05/12		36.98	936.90	<2.00	<2.00	<2.00	<2.00	9.00	<2.00	<10.0	<2.00	<2.00	<2.00	--	--	
	09/04/12		38.48	935.40	<1.00	<1.00	<1.00	<1.00	15.9	<1.00	<5.00	<1.00	<1.00	<1.00	--	--	
	12/04/12 ⁶		35.87	938.01	<1.00	<1.00	<1.00	<1.00	12.0	<1.00	<5.00	<1.00	<1.00	<1.00	--	--	
	03/14/13		34.05	939.83	<1.00	<1.00	<1.00	<1.00	12.5	<1.00	<5.00	<1.00	<1.00	<1.00	--	--	
	06/11/13		36.19	937.69	<1.00	<1.00	<1.00	<1.00	26.4	<1.00	<5.00	<1.00	<1.00	<1.00	--	--	
	09/12/13		37.93	935.95	<1.00	<1.00	<1.00	<1.00	23.9	<1.00	<5.00	<1.00	<1.00	<1.00	--	--	
	12/09/13	36.27	937.61	<1.00	<1.00	<1.00	<1.00	6.88	<1.00	<5.00	<1.00	<1.00	<1.00	--	--		
	03/07/14	32.09	941.79	<1.00	<1.00	<1.00	<1.00	58.0	<1.00	<5.00	<1.00	<1.00	<1.00	--	--		

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)											
					Benzene	Toluene	Ethylbenzene	Xylenes (Total) *	MTBE	Napthalene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47
VMW-4 2" dia. TD=75 feet TOS=73 feet	104.14	08/30/05	33.23	70.91	<1.0	<1.0	<1.0	<1.0	35	--	--	--	--	--	800	<20
		11/14/05	34.11	70.03	<5.0	<5.0	<5.0	<10	<5.0	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		02/23/06	29.48	74.66	<5.0	<5.0	<5.0	<5.0	2.1	--	5.5	<5	0.63	<5.0	170	<1,000
		05/03/06	33.33	70.81	<5.0	<5.0	<5.0	<5.0	3.4	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		08/31/06	37.30	66.84	<5.0	<5.0	<5.0	<5.0	8.6	--	<50	<5.0	0.55	<5.0	<1,000	<1,000
		11/21/06	35.51	68.63	<5.0	<5.0	<5.0	<5.0	12	--	<50	<5.0	0.65	<5.0	<1,000	<1,000
		02/06/07	38.90	65.24	<5.0	<5.0	<5.0	<5.0	5.3	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		05/16/07	30.45	73.69	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		08/16/07	35.45	68.69	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	1,700	<1,000
		11/26/07	38.90	65.24	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		02/27/08	36.03	68.11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100
		05/06/08	31.65	72.49	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<300	<100
		08/12/08	32.65	71.49	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100
		11/13/08	46.20	57.94	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100
		02/19/09	34.27	69.87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<40	<25
		05/14/09	33.34	70.80	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<20	<25
		06/08/09	32.75	71.39	--	--	--	--	--	--	--	--	--	--	--	--
		08/06/09	34.17	69.97	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<40	<25
		11/24/09	31.17	72.97	<1.0	<1.0	<1.0	<1.0	<1.0	1.26	<1.00	<5.0	<1.0	<1.0	<300	<100
		02/01/10	28.56	75.58	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100
		05/26/10	30.76	73.38	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100
		08/25/10 ³	36.70	67.44	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	164	<100
		11/02/10 ⁴	36.64	67.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<158	<100
		03/01/11	34.23	69.91	<1.0	<1.0	<1.0	<1.0	<1.0	1.66	<1.00	<5.0	<1.0	<1.0	<150	<200
		06/16/11	29.21	941.93	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	196	<100
09/13/11	27.14	944.00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	319	<100		
12/01/11	28.58	942.56	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	--	--		
03/21/12	33.18	937.96	--	--	--	--	--	--	--	--	--	--	--	--		
06/05/12	34.21	936.93	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	<2.00	<2.00	--	--	
09/04/12	35.63	935.51	--	--	--	--	--	--	--	--	--	--	--	--		
12/04/12 ⁶	33.02	938.12	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--	
03/11/13	31.18	939.96	--	--	--	--	--	--	--	--	--	--	--	--		
06/11/13	33.35	937.79	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	<2.00	<2.00	--	--	
09/12/13	35.06	936.08	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00 VC	<10.0	<2.00	<2.00	<2.00	--	--	
12/09/13	33.39	937.75	--	--	--	--	--	--	--	--	--	--	--	--		
03/07/14	29.25	941.89	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	<2.00	<2.00	--	--	

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)											
					Benzene	Toluene	Ethylbenzene	Xylenes (Total) *	MTBE	Napthalene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47
MW-5 4" dia. TD=45 feet TOS=15 feet	103.28	08/30/05	36.72	66.56	<50	<70	<80	<80	110,000	--	--	--	--	--	690	20,000
		11/14/05	37.18	66.10	14	<5.0	<5.0	<10	140,000	--	<50	1,900	<500	<5.0	<1,000	60,000
		02/23/06	33.21	70.07	31	<5.0	<5.0	4.1	110,000	--	25,000	1,700	350	3.5	290	92,000
		05/03/06	36.60	66.68	12	<5.0	<5.0	1.5	97,000	--	32,000	1,800	410	3.6	200	56,000
		08/31/06	40.20	63.08	22	<5.0	<5.0	<5.0	66,000	--	110,000	910	310	2.6	250	40,000
		11/21/06	37.53	65.75	16	<5.0	<5.0	<5.0	49,000	--	57,000	--	--	--	--	--
		02/06/07	39.30	63.98	8	<5.0	<5.0	<5.0	64,000	--	<50	<2,500	230	<5.0	<1,000	1,200
		05/16/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		08/16/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/26/07	42.40	60.88	<5.0	<5.0	45	230	20,000	--	9,300	330	110	<5.0	1,500	1,900
	02/27/08	38.49	64.79	3.5	<1.0	6.09	36.9	19,000	<1.00	7,880	417	120	<1.0	<300	948	
	05/06/08	34.22	69.06	2.48	<1.0	<1.0	<1.0	15,500	<1.0	2,660	329	107	<1.0	<300	515	
	08/12/08	35.61	67.67	<1.0	<1.0	<1.0	<1.0	12,800	<1.00	4,500	341	69.4	<1.0	318	1,300	
	11/13/08	38.59	64.69	<2.0	<2.0	<2.0	<2.0	13,400	<2.00	2,340	253	143	<2.0	<300	1,050	
	02/19/09	36.84	66.44	2.28	<2.0	<2.0	<2.0	12,500	<2.00	5,070	173	85.8	<2.0	266 J	567	
	05/14/09	34.82	68.46	1.57	<1.0	<1.0	<1.0	7,930	<1.00	1,420	100	57.4	<1.0	<40	695	
	102.99	06/08/09	34.79	68.20	--	--	--	--	--	--	--	--	--	--	--	
		08/06/09	36.33	66.66	1.41	<1.0	<1.0	<1.0	6,450	<1.00	2,240	120	50.5	<1.0	<40	893
		11/24/09	33.80	69.19	<1.0	<1.0	<1.0	<1.0	9,280	<1.00	1,010	176	43.6	<1.0	<300	1,410
		02/01/10	32.21	70.78	<1.0	<1.0	<1.0	<1.0	6,590	<1.00	1,420	169	49.2	<1.0	<300	159
		05/26/10	33.83	69.16	<2.0	<2.0	<2.0	<2.0	3,730	<2.00	982	119	38.6	<2.0	<300	759
		08/25/10 ³	38.61	64.38	<2.0	<2.0	<2.0	<2.0	5,920	<2.00	873	90.3	29.5	<2.0	179 ²	856
		11/02/10 ⁴	38.26	64.73	<1.0	<1.0	<1.0	<1.0	9,220	<1.00	439	91.0	42.8	<1.0	162	1,140
		03/01/11 ⁵	33.77	69.22	<1.0	<1.0	<1.0	<1.0	466	<1.00	<5.0	6.77	3.46	<1.0	<150	311
		06/17/11	40.80	929.19	<1.0	<1.0	<1.0	<1.0	1,760	<1.00	204	33.5	13.6	<1.0	229	1,210
		09/12/11	41.04	928.95	<2.0	<2.0	<2.0	<2.0	3,410	<2.00	847	49.5	27.1	<2.0	167	773
	969.99	12/01/11	41.06	928.93	<2.0	<2.0	<2.0	<2.0	2,250	<2.00	124	34.0	13.7	<2.0	--	--
03/21/12		39.44	930.55	<1.0	<1.0	<1.0	<1.0	1,620	<1.00	447	17.8	11.5	<1.0	--	--	
06/04/12		36.94	933.05	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<25.0	<5.00	<5.00	<5.00	--	--	
09/24/12		38.02	931.97	<2.00	<2.00	<2.00	<2.00	1,300 QK	<2.00	413	17.2	4.88	<2.00	--	--	
12/03/12		35.73	934.26	<2.00	<2.00	<2.00	<2.00	279 QK	<2.00	<10.0	2.92	2.86	<2.00	--	--	
03/11/13		41.14	928.85	<1.00	<1.00	<1.00	<1.00	845 QK	<1.00	125	10.5	2.86	<1.00	--	--	
06/10/13		43.10	926.89	<1.00	<1.00	<1.00	<1.00	196 QK	<1.00	<5.00	1.89	1.35	<1.00	--	--	
09/24/13		36.48	933.51	<1.00 VC	<1.00 VC	<1.00 VC	<1.00 VC	182 QK	<1.00	<5.00 VC	<1.00	1.51	<1.00	--	--	
12/11/13		33.12	936.87	<1.00	<1.00	<1.00	<1.00	212	<1.00	9.71	3.18	2.24	<1.00	--	--	
03/14/14		33.21	936.78	<1.00	<1.00	<1.00	<1.00	32.6	<1.00	<5.00	<1.00	<1.00	<1.00	--	--	

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)													
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO		
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47		
MW-6 4" dia. TD=45 feet TOS=25 feet	109.86	08/30/05	39.10	70.76	<1.0	<1.0	<1.0	<1.0	54	--	--	--	--	--	260	30		
		11/14/05	39.90	69.96	<5.0	<5.0	<5.0	<10	<5.0	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000		
		02/23/06	35.30	74.56	<5.0	<5.0	<5.0	<5.0	1.2	--	14	<5.0	<5.0	<5.0	<1,000	<1,000		
		05/03/06	39.10	70.76	<5.0	<5.0	<5.0	<5.0	14	--	7.5	<5.0	<5.0	<5.0	<1,000	<1,000		
		08/31/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--		
		11/21/06	41.30	68.56	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	--	--	--	--	--		
		05/16/07	36.21	73.65	<5.0	<5.0	<5.0	<5.0	7.5	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000		
		08/16/07	41.40	68.46	<5.0	<5.0	<5.0	<5.0	28	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000		
		11/26/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--		
		02/27/08	41.57	68.29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	400	<100	
		05/06/08	37.21	72.65	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<600	<100	
		08/12/08	38.44	71.42	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100	
		11/13/08	41.91	67.95	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100	
		02/19/09	40.03	69.83	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	432	<25	
	05/14/09	39.09	70.77	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	286	<25		
	109.87	06/08/09	38.48	71.39	--	--	--	--	--	--	<1.00	--	--	--	--	--		
		08/06/09	39.97	69.90	<1.0	<1.0	<1.0	<1.0	<1.0	--	<5.0	<1.0	<1.0	<1.0	<40	<25		
		11/24/09	36.98	72.89	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	444	<100		
		02/01/10	34.34	75.53	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	670	<100		
		05/25/10	36.52	73.35	<2.0	<2.0	<2.0	<2.0	<2.0	<2.00	<10	<2.0	<2.0	<2.0	582	<100		
		08/25/10 ³	42.53	67.34	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	584	<100		
		11/02/10 ⁴	42.49	67.38	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	300	<100		
		03/01/11 ⁵	40.11	69.76	<1.0	<1.0	<1.0	<1.0	<1.0	10.1	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<200	
		976.87	06/16/11	34.93	941.94	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<1.0	831	<100
			09/13/11	32.91	943.96	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	1,790	<100	
			12/01/11	34.31	942.56	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	--	--	
			03/21/12	38.85	938.02	--	--	--	--	--	--	--	--	--	--	--	--	
			06/05/12	39.91	936.96	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	<2.00	<2.00	--	--	
09/04/12			41.42	935.45	--	--	--	--	--	--	--	--	--	--	--	--		
12/04/12 ⁶	38.82		938.05	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--			
03/11/13	36.94		939.93	--	--	--	--	--	--	--	--	--	--	--	--			
06/11/13	39.12	937.75	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	<2.00	<2.00	--	--			
09/12/13	40.87	936.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00 VC	<10.0	<2.00	<2.00	<2.00	--	--			
12/09/13	39.29	937.58	--	--	--	--	--	--	--	--	--	--	--	--				
03/07/14	35.00	941.87	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--			

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)											
					Benzene	Toluene	Ethylbenzene	Xylenes (Total) *	MTBE	Napthalene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47
MW-7 4" dia.	104.09	08/30/05	40.15	63.94	<1.0	<1.0	<2.0	<2.0	2,900	--	--	--	--	--	250	570
	104.09	11/14/05	40.33	63.76	<5.0	<5.0	<5.0	<10	2,700	--	660	47	11	<5.0	<1,000	1,700
TD=45 feet TOS=25 feet		02/23/06	36.25	67.84	1	<5.0	<5.0	<5.0	2,400	--	500	40	11	<5.0	<1,000	1,800
		05/03/06	40.10	63.99	1.6	<5.0	<5.0	<5.0	1,100	--	530	41	14	<5.0	<1,000	1,500
		08/31/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		05/16/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		08/16/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/26/07	43.98	60.11	--	--	--	--	--	--	--	--	--	--	--	--
		02/27/08	40.99	63.10	<1.0	<1.0	<1.0	<1.0	24.6	<1.00	<5.0	<1.0	1.88	<1.0	<300	<100
		05/06/08	37.51	66.58	<1.0	<1.0	<1.0	<1.0	14.6	<1.0	<5.0	<1.0	2.13	<1.0	650	<100
		08/12/08	39.26	64.83	<1.0	<1.0	<1.0	<1.0	3.5	<1.00	<5.0	<1.0	1.89	<1.0	<300	<100
		11/13/08	42.08	62.01	<1.0	<1.0	<1.0	<1.0	5.83	<1.00	<5.0	<1.0	2.28	<1.0	<300	<100
		02/19/09	40.33	63.76	<1.0	<1.0	<1.0	<1.0	2.16	<1.00	<5.0	<1.0	1.30	<1.0	<40	<25
		05/14/09	38.47	65.62	<1.0	<1.0	<1.0	<1.0	2.15	<1.00	<5.0	<1.0	<1.0	<1.0	228	<25
	104.10	06/08/09	38.75	65.35	--	--	--	--	--	--	--	--	--	--	--	--
		08/06/09	40.42	63.68	<1.0	<1.0	<1.0	<1.0	1.63	<1.00	<5.0	<1.0	<1.0	<1.0	<40	<25
		11/24/09	37.50	66.60	<1.0	<1.0	<1.0	<1.0	1.41	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100
		02/01/10	35.42	68.68	<1.0	<1.0	<1.0	<1.0	1.01	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100
		05/25/10	37.17	66.93	<1.0	<1.0	<1.0	<1.0	2.25	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100
		08/25/10 ³	42.66	61.44	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<100
		11/02/10 ⁴	42.06	62.04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<100
		03/01/11 ⁵	36.62	67.48	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<200
	971.10	06/16/11	37.74	933.36	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<100
		09/13/11	32.85	938.25	<1.0	<1.0	<1.0	<1.0	1.47	<1.00	<5.0	<1.0	<1.0	<1.0	567	<100
		12/01/11	35.87	935.23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	--	--
		03/21/12	41.66	929.44	--	--	--	--	--	--	--	--	--	--	--	--
		06/05/12	40.70	930.40	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	<2.00	<2.00	--	--
		09/04/12	41.54	929.56	--	--	--	--	--	--	--	--	--	--	--	--
		12/04/12 ⁶	39.31	931.79	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--
		03/11/13	40.03	931.07	--	--	--	--	--	--	--	--	--	--	--	--
		06/11/13	41.23	929.87	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	<2.00	<2.00	--	--
		09/09/13	39.31	931.79	<1.00	<1.00	<1.00 QB	<1.00 QB	<1.00	<1.00 QB	<5.00	<1.00	<1.00	<1.00	--	--
		12/09/13	34.76	936.34	--	--	--	--	--	--	--	--	--	--	--	--
		03/07/14	36.10	935.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)											
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47
MW-8 4" dia. TD=50 feet TOS=15 feet	100.47	08/31/06	41.20	59.27	30	<5.0	<5.0	13	150,000	--	360,000	2,800	460	5.5	450	89,000
		11/21/06	37.10	63.37	62	<5.0	<5.0	11	150,000	--	260,000	--	--	--	--	--
		02/06/07	39.87	60.60	34	<5.0	<5.0	20	110,000	--	<50	<2,500	260	<5.0	<1,000	5,200
		05/16/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		08/16/07	40.14	60.33	33	<5.0	<5.0	10	130,000	--	34,000	2,400	<500	<5.0	<1,000	1,600
		11/26/07	47.60	52.87	<5.0	<5.0	<5.0	<5.0	75,000	--	25,000	1,200	240	<5.0	<1,000	1,500
		02/27/08	39.13	61.34	2.42	<1.0	4.62	31.3	63,500	<1.00	18,700	1,380	293	3.09	6,080	2,070
		05/06/08	34.68	65.79	<1.0	<1.0	<1.0	<1.0	141,000	<1.0	18,600	2,620	511	6.35	<300	3,430
		08/12/08	36.51	63.96	<1.0	<1.0	<1.0	<1.0	190,000	<1.00	32,000	4,540	505	<1.0	310	2,870
		11/13/08	39.36	61.11	<2.0	<2.0	<2.0	<2.0	106,000	<2.00	20,400	2,970	603	7.56	<300	1,920
	02/19/09	37.55	62.92	2.66	<2.0	<2.0	<2.0	122,000	<2.00	35,200	<2500	<2500	<2	294 J	1,000	
	05/14/09	35.02	65.45	3.42	<2.0	<2.0	<2.0	118,000	<2.00	20,800	2,490	627	6.10	<40	1,470	
	100.03	06/08/09	35.53	64.50	--	--	--	--	--	--	--	--	--	--	--	--
		08/06/09	37.30	62.73	3.12	<2.0	<2.0	<2.0	9,200	<2.00	14,600	1,950	472	4.48	<40	1,960
		11/24/09	34.22	65.81	<1.0	<1.0	<1.0	<1.0	25,400	<1.00	494	426	44.6	<1.0	<300	1,790
		02/01/10	32.17	67.86	2.92	<2.0	<2.0	<2.0	51,200	<2.00	18,500	1,220	234	<2.0	<300	437
		05/26/10	33.84	66.19	<2.2	<2.0	<2.0	<2.0	45,800	<20.0	13,400	1,570	322	<2.0	<300	1,970
	100.04	08/25/10 ³	39.91	60.13	3.32	<2.0	<2.0	<2.0	50,300	<2.00	23,400	1,070	278	<2.0	260	1,860
		11/02/10 ⁴	39.27	60.77	<2.0	<2.0	<2.0	<2.0	72,500	<2.00	19,700	1,220	250	<2.0	216	1,970
		03/01/11 ⁵	30.08	69.96	<2.0	<2.0	<2.0	<2.0	<2.0	<2.00	<10.0	<2.0	<2.0	<2.0	<150	<200
	967.04	06/17/11	47.03	920.01	<1.0	<1.0	<1.0	<1.0	11,600	<1.00	2,630	139	48.4	<1.0	195	1,830
		09/12/11	46.15	920.89	<5.0	<5.0	<5.0	<5.0	7,140	<5.00	1,360	246	93.3	<5.0	206	1,200
		12/01/11	42.26	924.78	<2.0	<2.0	<2.0	<2.0	10,700	<2.00	5,290	210	55.8	<2.0	--	--
	03/20/12	37.71	929.33	<1.0	<1.0	<1.0	<1.0	3,800	<1.00	525	56.8	17	<1.0	--	--	
	06/04/12	40.73	926.31	<2.00	<2.00	<2.00	<2.00	1,400	<2.00	480	30.3	8.62	<2.00	--	--	
	09/24/12	49.21	917.83	<2.00	<2.00	<2.00	<2.00	4,240 QK	<2.00	3,140 QK	151	40.4	<2.00	--	--	
	12/03/12	36.37	930.67	<2.00	<2.00	<2.00	<2.00	2,620 QK	<2.00	<10.0	47.8	24.7	<2.00	--	--	
	03/11/13	48.21	918.83	<1.00	<1.00	<1.00	<1.00	2,430 QK	<1.00	547	56.0	6.62	<1.00	--	--	
	06/10/13	46.09	920.95	<1.00	<1.00	<1.00	<1.00	2,350 QK	<1.00	288	35.1	10.1	<1.00	--	--	
	09/24/13	35.95	931.09	<1.00 VC	<1.00 VC	<1.00 VC	<1.00 VC	2,250 QK	<1.00	369 VC	29.6	8.70	<1.00	--	--	
	12/11/13	30.83	936.21	<1.00	<1.00	<1.00	<1.00	1,470	<1.00	217	24.6	8.32	<1.00	--	--	
	03/14/14	32.84	934.20	<1.00	<1.00	<1.00	<1.00	440	<1.00	93.1	6.54	2.11	<1.00	--	--	

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)											
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47
MW-9 4" dia. TD=47 feet TOS=12 feet	101.51	06/09/06	40.24	61.27	--	--	--	--	--	--	--	--	--	--	--	--
		08/31/06	42.15	59.36	6.3	<5.0	<5.0	<5.0	3,100	--	32,000	65	55	0.57	<1,000	2,000
		11/21/06	38.65	62.86	<5.0	<5.0	<5.0	<5.0	1,500	--	11,000	--	--	--	--	--
		02/06/07	40.20	61.31	<5.0	<5.0	<5.0	<5.0	910	--	9,300	25	40	<5.0	<1,000	<1,000
		05/16/07	34.90	66.61	5.1	<5.0	<5.0	11	100,000	--	<5,000	2,000	300	9.1	<1,000	1,200
		08/16/07	40.10	61.41	<5.0	<5.0	<5.0	<5.0	250	--	9,700	5.6	36	<5.0	<1,000	<1,000
		11/26/07	44.20	57.31	<5.0	<5.0	<5.0	<5.0	3,900	--	3,400	67	26	<5.0	<1,000	<1,000
		02/27/08	39.35	62.16	<1.0	<1.0	13.8	80.3	1,350	<1.00	2,720	22.4	17.9	<1.0	4,800	777
		05/06/08	35.69	65.82	<1.0	<1.0	<1.0	<1.0	32.3	<1.0	65.6	<1.0	3.76	<1.0	<150	<100
		08/12/08	37.50	64.01	<1.0	<1.0	<1.0	<1.0	327	<1.00	2,920	5.1	19.1	<1.0	<300	250
	11/13/08	40.32	61.19	<1.0	<1.0	<1.0	<1.0	14.9	<1.00	2,350	<1.0	13.5	<1.0	<300	<100	
	02/19/09	38.54	62.97	<1.0	<1.0	<1.0	<1.0	6.89	<1.00	2,530	<1.0	16.4	<1.0	<40	52.1 J	
	05/14/09	36.10	65.41	<1.0	<1.0	<1.0	<1.0	238	<1.00	1,980	1.40	20.1	<1.0	538	113	
	101.09	06/08/09	36.56	64.53	--	--	--	--	--	--	--	--	--	--	--	--
	08/06/09	38.32	62.77	<1.0	<1.0	<1.0	<1.0	36.7	<1.00	1,020	<1.0	9.41	<1.0	<40	61.5 J	
	11/24/09	35.08	66.01	<1.0	<1.0	<1.0	<1.0	1.99	<1.00	43.6	<1.0	2.66	<1.0	<300	<100	
	02/01/10	33.01	68.08	<1.0	<1.0	<1.0	<1.0	745	<1.00	34.6	12.5	9.41	<1.0	<300	<100	
	05/26/10	34.82	66.27	<1.0	<1.0	<1.0	<1.0	991	<1.00	121	7.62	6.94	<1.0	<300	325	
	101.10	08/25/10 ³	40.52	60.58	<1.0	<1.0	<1.0	<1.0	7.15	<1.00	36.5	<1.0	1.33	<1.0	2,010	<100
	11/02/10 ⁴	39.81	61.29	<2.0	<2.0	<2.0	<2.0	20.0	<2.00	109	<2.0	2.64	<2.0	160	<100	
	03/01/11 ⁵	33.67	67.43	<2.0	<2.0	<2.0	<2.0	7.52	<2.00	313	<2.0	5.88	<2.0	<150	<200	
	968.10	06/17/11	35.95	932.15	<1.0	<1.0	<1.0	<1.0	11,300	<1.00	2,680	132	45.8	<1.0	603	1,830
	09/12/11	30.64	937.46	<2.0	<2.0	<2.0	<2.0	8,570	<2.00	2,260	191	74.8	<2.0	327	1,210	
12/01/11	33.42	934.68	<2.0	<2.0	<2.0	<2.0	14,100	<2.00	5,540	231	59.7	<2.0	--	--		
03/20/12	41.60	926.50	<1.0	<1.0	<1.0	<1.0	824	<1.00	218	9.24	8.03	<1.0	--	--		
06/04/12	41.88	926.22	<2.00	<2.00	<2.00	<2.00	1,330	<2.00	438	22.7	5.98	<2.00	--	--		
09/24/12	43.12	924.98	<2.00	<2.00	<2.00	<2.00	407 QK	<2.00	131	3.92	2.22	<2.00	--	--		
12/03/12	37.30	930.80	<2.00	<2.00	<2.00	<2.00	73.8	<2.00	<10.0	<2.00	<2.00	<2.00	--	--		
03/11/13	41.77	926.33	<1.00	<1.00	<1.00	<1.00	113	<1.00	25.1	1.48	<1.00	<1.00	--	--		
06/10/13	41.92	926.18	<1.00	<1.00	<1.00	<1.00	95.6	<1.00	<5.00	<1.00	<1.00	<1.00	--	--		
09/24/13	36.90	931.20	<1.00 VC	<1.00 VC	<1.00 VC	<1.00 VC	71.0	<1.00	<5.00 VC	<1.00	<1.00	<1.00	--	--		
12/11/13	32.02	936.08	<1.00	<1.00	<1.00	<1.00	21.3	<1.00	<5.00	<1.00	<1.00	<1.00	--	--		
03/14/14	33.90	934.20	<1.00	<1.00	<1.00	<1.00	4.23	<1.00	<5.00	<1.00	<1.00	<1.00	--	--		

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)												
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO	
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47	
MW-10 4" dia. TD=50 feet TOS=15 feet	103.27	06/09/06	41.16	62.11	--	--	--	--	--	--	--	--	--	--	--	--	
		08/31/06	43.10	60.17	<5.0	<5.0	<5.0	<5.0	1,300	--	210	19	7.3	<5.0	<1,000	<1,000	
		11/21/06	40.05	63.22	<5.0	<5.0	<5.0	<5.0	810	--	95	--	--	--	--	--	
		02/06/07	42.10	61.17	<5.0	<5.0	<5.0	<5.0	780	--	190	14	<5.0	<5.0	<1,000	<1,000	
		05/16/07	35.96	67.31	<5.0	<5.0	<5.0	<5.0	1,600	--	19,000	26	45	<5.0	<1,000	<1,000	
		08/16/07	42.00	61.27	<5.0	<5.0	<5.0	<5.0	240	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000	
		11/26/07	47.60	55.67	<5.0	<5.0	<5.0	<5.0	47	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000	
		02/27/08	41.40	61.87	<1.0	<1.0	1.74	9.29	16.1	<1.00	7.45	<1.0	<1.0	<1.0	<300	<100	
		05/06/08	36.63	66.64	<1.0	<1.0	<1.0	<1.0	5.01	<1.0	<5.0	<1.0	1.02	<1.0	<300	<100	
		08/12/08	38.48	64.79	<1.0	<1.0	<1.0	<1.0	3.03	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100	
		11/13/08	41.34	61.93	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100	
		02/19/09	39.56	63.71	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<40	<25	
		05/14/09	37.07	66.20	<1.0	<1.0	<1.0	<1.0	8.26	<1.00	<5.0	<1.0	<1.0	<1.0	<20	<25	
		102.77	06/08/09	37.44	65.33	--	--	--	--	--	--	--	--	--	--	--	--
	08/06/09		39.17	63.60	<1.0	<1.0	<1.0	<1.0	3.34	<1.00	<5.0	<1.0	<1.0	<1.0	<40	<25	
	11/24/09		35.74	67.03	<1.0	<1.0	<1.0	<1.0	1.27	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100	
	02/01/10		33.98	68.79	<1.0	<1.0	<1.0	<1.0	1.02	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100	
	05/26/10		36.07	66.70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100	
	08/25/10 ³		41.25	61.52	<2.0	<2.0	<2.0	<2.0	<2.0	<2.00	<10	<2.0	<2.0	<2.0	<150	<100	
	11/02/10 ⁴		40.55	62.22	<2.0	<2.0	<2.0	<2.0	<2.0	<2.00	<10	<2.0	<2.0	<2.0	<150	<100	
	03/01/11 ⁵		35.40	67.37	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<200	
	969.77		06/17/11	36.83	932.94	<1.0	<1.0	<1.0	<1.0	3,740	<1.00	665	71.7	22.5	<1.0	566 D1	1,480
			09/12/11	31.36	938.41	<2.0	<2.0	<2.0	<2.0	5,840	<2.00	1,290	100	44.6	<2.0	343	990
			12/01/11	34.41	935.36	<1.0	<1.0	<1.0	<1.0	2,310	<1.00	109	25.8	9.54	<1.0	--	--
			03/20/12	47.38	922.39	<1.0	<1.0	<1.0	<1.0	53.2	<1.00	<5.0	<1.0	<1.0	<1.0	--	--
			06/04/12	37.50	932.27	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--
		09/24/12	49.24	920.53	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--	
12/03/12		38.42	931.35	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	<2.00	<2.00	--	--		
03/11/13		48.24	921.53	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--		
06/10/13		47.45	922.32	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--		
09/24/13		38.21	931.56	<1.00 VC	<1.00 VC	<1.00 VC	<1.00 VC	<1.00	<1.00	<5.00 VC	<1.00	<1.00	<1.00	--	--		
12/11/13	33.45	936.32	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--			
03/14/14	30.19	939.58	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--			

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)											
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47
MW-11 4" dia. TD=50 feet TOS=15 feet	109.93	06/09/06	39.26	70.67	--	--	--	--	--	--	--	--	--	--	--	--
		08/31/06	41.30	68.63	5.3	<5.0	<5.0	<5.0	2,700	--	500	41	15	<5.0	<1,000	640
		11/21/06	38.67	71.26	4.9	0.62	<5.0	1.3	5,200	--	940	95	29	<5.0	<1,000	<1,000
		02/06/07	40.90	69.03	<5.0	<5.0	<5.0	<5.0	1,400	--	400	33	10	<5.0	<1,000	<1,000
		05/16/07	34.90	75.03	<5.0	<5.0	<5.0	<5.0	1,200	--	310	27	8.2	5.9	<1,000	<1,000
		08/16/07	40.72	69.21	<5.0	<5.0	<5.0	<5.0	1,000	--	170	18	8.1	<5.0	<1,000	<1,000
		11/26/07	48.40	61.53	<5.0	<5.0	<5.0	<5.0	73	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		02/27/08	39.32	70.61	<1.0	<1.0	3.58	19.26	520	<1.00	50.6	8.21	4.57	<1.0	790	107
		05/06/08	35.00	74.93	<1.0	<1.0	<1.0	<1.0	1,190	<1.0	47	16.5	9.27	<1.0	<300	<100
		08/12/08	36.45	73.48	<1.0	<1.0	<1.0	<1.0	1,050	<1.00	81.9	20.3	10.2	<1.0	<300	536
		11/13/08	39.50	70.43	<1.0	<1.0	<1.0	<1.0	544	<1.00	36.8	5.53	4.10	<1.0	<300	295
		02/19/09	37.69	72.24	<1.0	<1.0	<1.0	<1.0	456	<1.00	83.7	7.34	4.09	<1.0	<40	177
		05/14/09	35.73	74.20	<1.0	<1.0	<1.0	<1.0	97.9	<1.00	<5.0	<1.0	2.41	<1.0	<40	<25
		104.43	06/08/09	35.76	68.67	--	--	--	--	--	--	--	--	--	--	--
	08/06/09	37.14	67.29	<1.0	<1.0	<1.0	<1.0	113	<1.00	<5.0	1.4	2.71	<1.0	<40	93.5 J	
	11/24/09	34.27	70.16	<1.0	<1.0	<1.0	<1.0	59.5	<1.00	<5.0	<1.0	1.6	<1.0	<300	123	
	02/01/10	32.63	71.80	<1.0	<1.0	<1.0	<1.0	30.9	<1.00	<5.0	<1.0	1.77	<1.0	<300	<100	
	05/26/10	34.81	69.62	<1.0	<1.0	<1.0	<1.0	11.2	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100	
	08/25/10 ³	39.40	65.03	<1.0	<1.0	<1.0	<1.0	24.6	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<100	
	11/02/10 ⁴	39.03	65.40	<1.0	<1.0	<1.0	<1.0	3.54	<1.00	<5.0	<1.0	<1.0	<1.0	352	<100	
	03/01/11 ⁵	35.24	69.19	<1.0	<1.0	<1.0	<1.0	7.42	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<200	
	971.43	06/17/11	34.21	937.22	<2.0	<2.0	<2.0	<2.0	2,830	<2.00	1,090	101	35.0	<2.0	201	1,390
	09/12/11	30.22	941.21	<2.0	<2.0	<2.0	<2.0	5,600	<2.00	1,150	92.3	42.4	<2.0	485	933	
	12/01/11	32.67	938.76	<1.0	<1.0	<1.0	<1.0	2,190	<1.00	102	24.5	9.08	<1.0	--	--	
	03/21/12	45.52	925.91	<1.0	<1.0	<1.0	<1.0	32.8	<1.00	<5.0	<1.0	<1.0	<1.0	--	--	
	06/04/12	39.70	931.73	<1.00	<1.00	<1.00	<1.00	2.72	<1.00	<5.00	<1.00	<1.00	<1.00	--	--	
	09/24/12	50.00	921.43	<1.00	<1.00	<1.00	<1.00	19.0	<1.00	<5.00	<1.00	<1.00	<1.00	--	--	
12/03/12	36.46	934.97	<1.00	<1.00	<1.00	<1.00	276 QK	<1.00	8.96	2.76	1.49	<1.00	--	--		
03/11/13	79.00	892.43	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--		
06/10/13 ⁷	37.42	934.01	--	--	--	--	--	--	--	--	--	--	--	--		
09/24/13	37.45	933.98	<1.00 VC	<1.00 VC	<1.00 VC	<1.00 VC	<1.00	<1.00	<5.00 VC	<1.00	<1.00	<1.00	--	--		
12/11/13	34.09	937.34	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--		
03/14/14	27.58	943.85	<1.00	<1.00	<1.00	<1.00	24.8	<1.00	<5.00	<1.00	<1.00	<1.00	--	--		

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)											
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47
MW-12 4" dia. TD=26 feet TOS=6 feet	80.75	06/09/06	20.18	60.57	--	--	--	--	--	--	--	--	--	--	--	--
		08/31/06	22.20	58.55	<5.0	<5.0	<5.0	<5.0	1.1	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		11/21/06	17.43	63.32	<5.0	<5.0	<5.0	<5.0	0.85	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		02/06/07	19.20	61.55	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		05/16/07	15.33	65.42	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		08/16/07	20.77	59.98	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		11/26/07	23.30	57.45	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
	02/27/08	18.96	61.79	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<600	<100	
	05/06/08	15.10	65.65	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<300	<100	
	08/12/08	17.69	63.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<300	<100	
	11/13/08	20.83	59.92	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<300	<100	
	02/19/09	18.97	61.78	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<40	<25	
	05/14/09	16.25	64.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<20	<25	
	80.95	06/08/09	16.89	64.06	--	--	--	--	--	--	--	--	--	--	--	--
	08/06/09	18.85	62.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<40	<25
	11/25/09	15.17	65.78	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<600	<100
	02/01/10	12.35	68.60	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100
	05/25/10	14.82	66.13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100
	08/25/10 ³	21.51	59.44	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<158	<100
	11/01/10 ⁴	20.57	60.38	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<100
	947.95	03/01/11	15.77	65.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	1.48	<1.0	<150	<200
	06/16/11	14.73	933.22	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<100
	09/14/11	7.76	940.19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<100
	12/02/11	11.99	935.96	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	--	--
	03/20/12	17.69	930.26	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/05/12	17.02	930.93	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	<2.00	<2.00	--	--
	09/04/12	20.00	927.95	--	--	--	--	--	--	--	--	--	--	--	--	--
12/06/12 ⁶	17.64	930.31	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--	
03/11/13	16.25	931.70	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/11/13	17.79	930.16	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	<2.00	<2.00	--	--	
09/09/13	18.39	929.56	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--	
12/09/13	14.14	933.81	--	--	--	--	--	--	--	--	--	--	--	--	--	
03/06/14	12.62	935.33	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--	

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)											
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47
MW-13 4" dia. TD=26 feet TOS=6 feet	78.95	06/09/06	20.24	58.71	--	--	--	--	--	--	--	--	--	--	--	--
		08/31/06	22.40	56.55	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		11/21/06	15.30	63.65	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		02/06/07	17.33	61.62	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		05/16/07	17.72	61.23	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		08/16/07	20.95	58.00	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		11/26/07	23.00	55.95	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	<1,000	<1,000
		02/27/08	14.92	64.03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100
		05/06/08	14.29	64.66	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<300	<100
		08/12/08	18.14	60.81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	332
	11/13/08	20.79	58.16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<600	<100
	02/19/09	16.88	62.07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<40	<25
	05/14/09	14.48	64.47	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<20	<25
	06/08/09	14.69	64.45	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/06/09	18.08	61.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<40	<25
	11/25/09	13.18	65.96	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100
	02/01/10	12.16	66.98	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100
	05/25/10	13.50	65.64	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100
	08/25/10 ³	21.21	57.93	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<100
	11/01/10 ⁴	20.02	59.12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<100
	03/01/11	11.45	67.69	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<200
	06/16/11	15.68	930.46	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<100
	09/14/11	3.96	942.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<100
12/02/11	10.41	935.73	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	--	--	
03/20/12	17.93	928.21	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/05/12	12.35	933.79	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	<2.00	<2.00	--	--	
09/04/12	19.68	926.46	--	--	--	--	--	--	--	--	--	--	--	--	--	
12/06/12 ⁶	17.88	928.26	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--	
03/11/13	12.90	933.24	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/11/13	11.34	934.80	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	<2.00	<2.00	--	--	
09/09/13	18.43	927.71	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--	
12/09/13	9.78	936.36	--	--	--	--	--	--	--	--	--	--	--	--	--	
03/06/14	10.80	935.34	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--	

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)													
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO		
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47		
MW-14 4" dia. TD=35 feet TOS=15 feet	87.87	06/09/06	29.48	58.39	--	--	--	--	--	--	--	--	--	--	--	--		
		08/31/06	31.70	56.17	<5.0	<5.0	<5.0	<5.0	0.57	--	<50	<5.0	<5.0	<5.0	<5.0	<1,000	<1,000	
		11/21/06	26.72	61.15	<5.0	<5.0	<5.0	<5.0	1	--	<50	<5.0	<5.0	<5.0	<5.0	<1,000	<1,000	
		02/06/07	28.91	58.96	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	<5.0	<1,000	<1,000	
		05/16/07	25.75	62.12	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	<5.0	<1,000	<1,000	
		08/16/07	30.56	57.31	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	<5.0	<1,000	<1,000	
		11/26/07	32.80	55.07	<5.0	<5.0	<5.0	<5.0	<5.0	--	<50	<5.0	<5.0	<5.0	<5.0	<1,000	<1,000	
		02/27/08	28.35	59.52	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100	
		05/06/08	25.00	62.87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<600	<100	
		08/12/08	27.68	60.19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100	
		11/13/08	30.10	57.77	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<300	<100	
		02/19/09	21.43	66.44	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<40	<25	
		05/14/09	24.20	63.67	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<20	<25	
		88.07	06/08/09	26.28	61.79	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/06/09		28.48	59.59	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<1.0	<40	<25	
	11/25/09		24.27	63.80	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.88	<5.0	<1.0	<1.0	<1.0	<300	<100	
	02/01/10		22.40	65.67	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<1.0	<300	<100	
	05/25/10		24.20	63.87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<1.0	<300	<100	
	08/25/10 ³		30.77	57.30	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<1.0	<300	<100	
	11/01/10 ⁴		29.67	58.40	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<1.0	<167	<100	
	03/02/11		25.15	62.92	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<1.0	<150	<200	
	955.07		06/16/11	25.46	929.61	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<1.0	<150	<100
			09/14/11	18.92	936.15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	<150	<100	
			12/02/11	22.49	932.58	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<5.0	<1.0	<1.0	<1.0	--	--	
			03/20/12	27.24	927.83	--	--	--	--	--	--	--	--	--	--	--	--	
			06/05/12	26.89	928.18	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	<2.00	<2.00	--	--	
		09/04/12	29.35	925.72	--	--	--	--	--	--	--	--	--	--	--	--		
12/06/12 ⁶		27.12	927.95	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--			
03/11/13	26.22	928.85	--	--	--	--	--	--	--	--	--	--	--	--				
06/11/13	27.61	927.46	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<10.0	<2.00	<2.00	<2.00	--	--				
09/09/13	26.51	928.56	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--				
12/09/13	19.69	935.38	--	--	--	--	--	--	--	--	--	--	--	--				
03/06/14	23.09	931.98	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	--	--				

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)												
					Benzene	Toluene	Ethylbenzene	Xylenes (Total) *	MTBE	Napthalene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO	
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47	
MW-15D 8" open borehole TD=110 feet Casing Depth=11'	101.28	06/04/09	38.22	63.06	< 1.0	< 1.0	< 1.0	< 1.0	457	< 1.00	10.8	6.45	5.48	< 1.0	< 40	302	
		06/08/09	37.92	63.36	--	--	--	--	--	--	--	--	--	--	--	--	--
		08/06/09	39.80	61.48	< 1.0	< 1.0	< 1.0	< 1.0	512	< 1.00	< 5.0	2.62	4.31	< 1.0	< 40	220	
		11/25/09	36.52	64.76	< 1.0	11.1	< 1.0	< 1.0	602	< 1.00	32.4	7.76	6.12	< 1.0	< 300	571	
		02/03/10	34.37	66.91	< 1.0	< 1.0	< 1.0	< 1.0	218	< 1.00	< 5.0	2.29	5.24	< 1.0	< 300	< 100	
		05/26/10	35.80	65.48	< 1.00	< 1.00	< 1.00	< 1.00	655	< 1.00	25.6	9.8	7.23	< 1.00	< 300	348	
MW-15A 2" dia. TD=50 feet TOS=25 feet	101.17 ¹	08/27/10 ³	41.52	59.65	< 1.0	< 1.0	< 1.0	< 1.0	115	< 1.00	< 5.0	< 1.0	2.32	< 1.0	< 600	113	
		11/04/10 ⁴	40.91	60.26	< 1.0	< 1.0	< 1.0	< 1.0	66.0	< 1.00	< 5.0	< 1.0	2.17	< 1.0	< 150	< 100	
	968.17	03/07/11 ⁵	35.11	66.06	< 1.0	< 1.0	< 1.0	< 1.0	9.92	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100	
		06/20/11	36.10	932.07	< 1.0	< 1.0	< 1.0	< 1.0	1.20	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100	
		09/15/11	31.33	936.84	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	419	< 100	
		12/08/11	33.98	934.19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--	
		03/23/12	38.46	929.71	< 1.0	< 1.0	< 1.0	< 1.0	1.03	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--	
		06/08/12	38.71	929.46	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--
		09/04/12	40.41	927.76	< 1.00	< 1.00	< 1.00	< 1.00	2.48	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--
		12/06/12 ⁶	38.16	930.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--
		03/13/13	37.51	930.66	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--
		06/13/13	39.51	928.66	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--
		09/11/13	37.77	930.40	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--
		12/12/13	32.88	935.29	< 1.00	< 1.00	< 1.00	< 1.00	2.05	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--
03/12/14	34.86	933.31	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--		
MW-15B 2" dia. TD=109 feet TOS=99 feet	101.33 ¹	08/27/10 ³	41.76	59.57	< 1.0	< 1.0	< 1.0	< 1.0	90.9	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	160	< 100	
		11/04/10 ⁴	41.25	60.08	< 1.0	< 1.0	< 1.0	< 1.0	13.3	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 158	< 100	
	968.33	03/07/11 ⁵	33.74	67.59	< 1.0	< 1.0	< 1.0	< 1.0	306	< 1.00	< 5.0	< 1.0	2.18	< 1.0	< 150	< 100	
		06/20/11	33.44	934.89	< 1.0	< 1.0	< 1.0	< 1.0	102	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	167	146	
		09/15/11	29.84	938.49	< 1.0	< 1.0	< 1.0	< 1.0	22.4	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	580	< 100	
		12/08/11	31.88	936.45	< 1.0	< 1.0	< 1.0	< 1.0	23.1	< 1.00	< 5.0	< 1.0	1.71	< 1.0	--	--	
		03/23/12	36.15	932.18	< 1.0	< 1.0	< 1.0	< 1.0	15.4	< 1.00	< 5.0	< 1.0	1.35	< 1.0	--	--	
		06/08/12	38.71	929.62	< 1.00	< 1.00	< 1.00	< 1.00	20.8	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--
		09/04/12	40.78	927.55	< 1.00	< 1.00	< 1.00	< 1.00	22.1	< 1.00	< 5.00	< 1.00	1.29	< 1.00	< 1.00	--	--
		12/06/12 ⁶	38.23	930.10	< 1.00	< 1.00	< 1.00	< 1.00	10.2	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--
		03/13/13	34.67	933.66	< 1.00	< 1.00	< 1.00	< 1.00	14.6	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--
		06/13/13	37.71	930.62	< 1.00	< 1.00	< 1.00	< 1.00	11.6	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--
		09/11/13	38.19	930.14	< 1.00	< 1.00	< 1.00	< 1.00	8.99	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--
		12/12/13	34.69	933.64	< 1.00	< 1.00	< 1.00	< 1.00	3.58	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--
03/12/14	35.35	932.98	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--		

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)													
					Benzene	Toluene	Ethylbenzene	Xylenes (Total) *	MTBE	Napthalene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO		
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47		
MW-16 4" dia. TD=70 feet TOS=30 feet	106.15	06/04/09	41.78	64.37	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 40	< 25		
		06/08/09	41.47	64.68	--	--	--	--	--	--	--	--	--	--	--	--	--	
		08/06/09	43.16	62.99	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 40	< 25		
		11/25/09	40.29	65.86	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 300	< 100		
		02/02/10	38.28	67.87	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 300	< 100		
		05/25/10	39.93	66.22	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 300	< 100		
		08/24/10 ³	45.28	60.87	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	235	< 100		
		11/05/10 ⁴	45.03	61.12	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 158	< 100		
		03/07/11	37.01	69.14	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100		
		06/21/11	36.82	935.67	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100		
		09/15/11	33.29	939.20	< 1.0	< 1.0	< 1.0	< 1.0	1.7	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	364	< 100		
		12/08/11	35.35	937.14	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--		
		03/20/12	39.66	932.83	--	--	--	--	--	--	--	--	--	--	--	--		
		06/08/12	41.85	930.64	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 10.0	< 2.00	< 2.00	< 2.00	--	--		
		09/04/12	43.67	928.82	--	--	--	--	--	--	--	--	--	--	--	--		
		12/06/12 ⁶	41.26	931.23	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		03/11/13	38.24	934.25	--	--	--	--	--	--	--	--	--	--	--	--		
		06/14/13	41.20	931.29	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
09/11/13	41.51	930.98	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--			
12/09/13	38.14	934.35	--	--	--	--	--	--	--	--	--	--	--	--				
03/12/14	38.39	934.10	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--			

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)												
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO	
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47	
MW-17D 8" open borehole TD=110 feet Casing Depth=21'	98.87	06/04/09	35.85	63.02	< 1.0	< 1.0	< 1.0	< 1.0	922	< 1.00	8.48	9.28	9.22	< 1.0	< 40	342	
		06/08/09	35.49	63.38	--	--	--	--	--	--	--	--	--	--	--	--	--
		08/06/09	37.56	61.31	< 1.0	< 1.0	< 1.0	< 1.0	6,510	< 1.00	1,230	60.4	22.6	< 1.0	< 40	753	
		11/25/09	34.08	64.79	< 1.0	2.25	< 1.0	< 1.0	1,540	< 1.00	182	26	9.12	< 1.0	< 300	746	
		01/06/10 [‡]	30.35	68.52	< 1.0	< 1.0	< 1.0	< 1.0	8,320	--	--	--	--	--	--	--	--
		02/04/10	31.93	66.94	< 1.0	< 1.0	< 1.0	< 1.0	3,760	< 1.00	280	38.1	19.6	< 1.0	< 300	< 100	
		05/27/10	33.43	65.44	< 2.0	< 2.0	< 2.0	< 2.0	331	< 2.00	12.5	4.32	7.22	< 2.0	< 300	209	
		08/26/10 ³	39.27	59.60	< 1.0	< 1.0	< 1.0	< 1.0	357	< 1.00	39.6	5.95	4.64	< 1.0	< 150	342	
		11/05/10 ⁴	38.65	60.22	< 1.0	< 1.0	< 1.0	< 1.0	770	< 1.00	111	9.22	5.45	< 1.0	< 150	407	
		03/02/11 ⁵	39.73	59.14	< 1.0	< 1.0	< 1.0	< 1.0	254	< 1.00	< 5.0	1.86	2.85	< 1.0	< 150	< 200	
		06/15/11	42.10	923.77	< 1.0	< 1.0	< 1.0	< 1.0	106	< 1.00	< 5.0	< 1.0	1.93	< 1.0	< 150	129	
		09/12/11	37.76	928.11	< 1.0	< 1.0	< 1.0	< 1.0	119	< 1.00	< 5.0	1.26	2.07	< 1.0	< 150	160	
		12/01/11	40.86	925.01	< 2.0	< 2.0	< 2.0	< 2.0	93.2	< 2.00	< 10.0	< 2.0	< 2.0	< 2.0	--	--	
		03/20/12	44.43	921.44	< 1.0	< 1.0	< 1.0	< 1.0	43.2	--	< 5.0	< 1.0	< 1.0	< 1.0	--	--	
		06/04/12	42.30	923.57	< 2.00	< 2.00	< 2.00	< 2.00	35.7	< 2.00	< 10.0	< 2.00	< 2.00	< 2.00	--	--	
		09/24/12	38.21	927.66	< 2.00	< 2.00	< 2.00	< 2.00	226	< 2.00	< 10.0	2.22	< 2.00	< 2.00	--	--	
		12/03/12	42.81	923.06	< 2.00	< 2.00	< 2.00	< 2.00	26.7	< 2.00	< 10.0	< 2.00	< 2.00	< 2.00	--	--	
02/22/13	41.35	924.52	< 1.00	< 1.00	< 1.00	< 2.00	3.88	--	--	--	--	--	--	--			
03/11/13	43.29	922.58	< 1.00	< 1.00	< 1.00	< 1.00	5.68	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--			
06/10/13	44.41	921.46	< 1.00	< 1.00	< 1.00	< 1.00	7.55	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--			
09/09/13	37.84	928.03	< 1.00	< 1.00	< 1.00	< 1.00	1.21	< 1.00	< 5.00 VH	< 1.00	< 1.00 VH	< 1.00	< 1.00	--	--		
12/11/13	30.07	935.80	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--		
03/14/14	32.69	933.18	< 1.00	< 1.00	< 1.00	< 1.00	4.86	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--		

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)													
					Benzene	Toluene	Ethylbenzene	Xylenes (Total) *	MTBE	Napthalene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO		
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47		
MW-18 4" dia. TD=60 feet TOS=30 feet	98.45	06/04/09	35.54	62.91	< 2.0	< 2.0	< 2.0	< 2.0	13,300	< 2.00	2,110	256	106	< 2.0	< 40	770		
		06/08/09	35.08	63.37	--	--	--	--	--	--	--	--	--	--	--	--	--	
		08/06/09	37.03	61.42	1.03	< 1.0	< 1.0	< 1.0	8,340	< 1.00	2,940	396	55.7	< 1.0	< 40	1,090		
	98.44 ¹	11/25/09	33.80	64.65	< 1.0	< 1.0	< 1.0	4.07	169	1.02	< 5.0	1.95	5.27	< 1.0	< 300 †	206		
		02/02/10	31.74	66.71	< 1.0	< 1.0	< 1.0	< 1.0	119	< 1.00	12.9	1.93	14.1	< 1.0	< 300	< 100		
		05/25/10	33.17	65.28	< 1.0	< 1.0	< 1.0	< 1.0	24.2	< 1.00	< 5.0	< 1.0	1.38	< 1.0	< 300	< 100		
		08/24/10 ³	38.91	59.53	< 1.0	< 1.0	< 1.0	< 1.0	11,900	< 1.00	294	221	30.6	< 1.0	318	1,100		
		11/04/10 ⁴	38.38	60.06	< 2.0	< 2.0	< 2.0	< 2.0	6,160	2.54	2,560	124	32.4	< 2.0	< 150	871		
		03/07/11 ⁵	33.11	65.33	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 150	< 100	
		965.44	06/22/11	34.38	931.06	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.00	< 10.0	< 2.0	< 2.0	< 2.0	< 2.0	< 150	< 100
			09/16/11	29.40	936.04	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	481	< 100
			12/08/11	32.26	933.18	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--	
			03/23/12	36.51	928.93	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.00	< 10.0	< 2.0	< 2.0	< 2.0	--	--	
			06/08/12	36.36	929.08	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
			09/06/12	37.84	927.60	< 1.00	< 1.00	< 1.00	< 1.00	27.3	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
			12/06/12 ⁶	35.89	929.55	< 1.00	< 1.00	< 1.00	< 1.00	1.57	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
			03/13/13	35.73	929.71	< 1.00	< 1.00	< 1.00	< 1.00	7.68	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
06/14/13	37.27		928.17	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--			
09/12/13	35.06		930.38	< 1.00	1.15	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--		
12/12/13	29.49	935.95	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--			
03/13/14	33.87	931.57	< 1.00	< 1.00	< 1.00	1.93	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--				
MW-19D 8" open borehole TD=110 feet Casing depth=20'	100.73	06/04/09	37.06	63.67	< 1.0	< 1.0	< 1.0	< 1.0	46.3	< 1.00	< 5.0	< 1.0	1.66	< 1.0	< 40	< 25		
		06/08/09	36.67	64.06	--	--	--	--	--	--	--	--	--	--	--	--		
		08/06/09	38.41	62.32	< 1.0	< 1.0	< 1.0	< 1.0	887	< 1.00	209	12.1	6.13	< 1.0	< 40	482		
		11/24/09	35.19	65.54	< 1.0	7.71	< 1.0	< 1.0	23.4	< 1.00	< 5.0	< 1.0	1.32	< 1.0	< 300	< 100		
		02/04/10	32.98	67.75	< 1.0	< 1.0	< 1.0	< 1.0	212	< 1.00	42.6	1.9	1.82	< 1.0	< 300	< 100		
05/27/10	34.64	66.09	< 1.00	< 1.00	< 1.00	< 1.00	168	< 1.00	26.1	2.22	1.59	< 1.00	< 300	178				

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)												
					Benzene	Toluene	Ethylbenzene	Xylenes (Total) *	MTBE	Napthalene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO	
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47	
MW-19A 2" dia. TD=50 feet TOS=25 feet	100.35 ¹	08/27/10 ³	40.44	59.91	< 1.0	< 1.0	< 1.0	< 1.0	1,820	< 1.00	450	37.8	15.6	< 1.0	< 300	712	
		11/04/10 ⁴	39.79	60.56	< 1.0	< 1.0	< 1.0	< 1.0	2,060	< 1.00	260	22.0	8.67	< 1.0	< 158	561	
	967.35	03/03/11 ⁵	33.33	67.02	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.00	< 10.0	< 2.0	< 2.0	< 2.0	< 2.0	252	< 200
		06/16/11	35.65	931.70	< 1.0	< 1.0	< 1.0	< 1.0	22.6	< 1.00	< 5.0	< 1.0	1.45	< 1.0	< 1.0	170	< 100
		09/16/11	30.40	936.95	< 1.0	< 1.0	< 1.0	< 1.0	19.2	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 150	< 100
		12/07/11	33.43	933.92	< 1.0	< 1.0	< 1.0	< 1.0	105	< 1.00	21.3	1.31	< 1.0	< 1.0	--	--	
		03/23/12	38.16	929.19	< 1.0	< 1.0	< 1.0	< 1.0	430	< 1.00	80.1	5.81	2.92	< 1.0	--	--	
		06/08/12	37.91	929.44	< 1.00	< 1.00	< 1.00	< 1.00	2,060	< 1.00	484	18.0	6.61	< 1.00	--	--	
		09/06/12	39.32	928.03	< 1.00	< 1.00	< 1.00	< 1.00	1,130	< 1.00	554	19.8	7.85	< 1.00	--	--	
		12/04/12 ⁶	37.06	930.29	< 1.00	< 1.00	< 1.00	< 1.00	261	< 1.00	28.4	2.42	1.55	< 1.00	--	--	
		03/13/13	37.34	930.01	< 2.00	< 2.00	< 2.00	< 2.00	52.9	< 2.00	< 10.0	< 2.00	< 2.00	< 2.00	--	--	
		06/13/13	38.82	928.53	< 2.00	< 2.00	< 2.00	< 2.00	131	< 2.00	37.5	< 2.00	< 2.00	< 2.00	--	--	
		09/12/13	36.53	930.82	< 2.00	< 2.00	< 2.00	< 2.00	289 QK	< 2.00 VC	91.4	3.06	3.18	< 2.00	--	--	
		12/12/13	31.27	936.08	< 1.00	< 1.00	< 1.00	< 1.00	35.5	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
03/13/14	34.72	932.63	< 1.00	< 1.00	< 1.00	< 1.00	17.1	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--			
MW-19B 2" dia. TD=109 feet TOS=99 feet	100.55 ¹	08/27/10 ³	40.05	60.50	< 1.0	< 1.0	< 1.0	< 1.0	41.9	< 1.00	< 5.0	< 1.0	1.05	< 1.0	< 300	< 100	
		11/04/10 ⁴	39.25	61.30	< 1.0	< 1.0	< 1.0	< 1.0	8.49	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 158	< 100	
	967.55	03/03/11 ⁵	33.42	67.13	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	1,350	< 200
		06/16/11	37.14	930.41	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	225	< 100
		09/16/11	30.44	937.11	< 1.0	< 1.0	< 1.0	< 1.0	4.29	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 150	< 100
		12/07/11	32.96	934.59	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--	
		03/23/12	37.75	929.80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--	
		06/08/12	37.80	929.75	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		09/06/12	39.20	928.35	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 10.0	< 2.00	< 2.00	< 2.00	--	--	
		12/04/12 ⁶	36.43	931.12	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		03/13/13	36.66	930.89	< 1.00	< 1.00	< 1.00	< 1.00	1.83	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		06/13/13	38.21	929.34	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		09/12/13	36.49	931.06	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00 VH	< 1.00	< 1.00 VH	< 1.00	--	--
		12/13/13	31.67	935.88	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
03/13/14	33.09	934.46	< 1.00	< 1.00	< 1.00	1.27	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--		

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)												
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO	
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47	
MW-20D 8" open borehole TD=110 feet Casing depth=21.5'	101.86	11/30/09	38.33	63.53	< 1.0	< 1.0	< 1.0	< 1.0	11.2	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 300	< 100	
		01/06/10 †	35.60	66.26	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	--	--	--	--	
		02/16/10	36.63	65.23	< 1.0	< 1.0	< 1.0	< 1.0	238	< 1.00	10.3	3.39	< 1.0	< 1.0	< 300	< 100	
		05/26/10	38.54	63.32	< 2.00	< 2.00	< 2.00	< 2.00	806	< 2.00	126	25.5	8.62	< 2.00	< 300	384	
MW-20A 2" dia. TD=50 feet TOS=25 feet	101.45 ¹	08/26/10 ³	42.78	58.67	< 1.0	< 1.0	< 1.0	< 1.0	132	< 1.00	< 5.0	2.16	< 1.0	< 1.0	274	126	
		11/04/10 ⁴	41.96	59.49	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 158	< 100	
	968.45	03/04/11	36.72	64.73	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 200	
		06/22/11	38.15	930.30	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100	
		09/16/11	31.56	936.89	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	376	< 100	
		12/07/11	35.47	932.98	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--	
		03/23/12	39.70	928.75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--	
		06/08/12	38.58	929.87	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		09/06/12	41.78	926.67	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		12/07/12	39.83	928.62	< 2.00	< 2.00	42.1	16.28	< 2.00	< 2.00	< 10.0	< 2.00	< 2.00	< 2.00	< 2.00	--	--
		03/13/13	38.53	929.92	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00	--	--
		06/14/13	40.06	928.39	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 10.0	< 2.00	< 2.00	< 2.00	--	--
		09/11/13	39.57	928.88	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 VC	< 10.0	< 2.00	< 2.00	< 2.00	--	--
		12/09/13	34.72	933.73	--	--	--	--	--	--	--	--	--	--	--	--	--
		03/05/14	32.97	935.48	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--

**TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND**

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)											
					Benzene	Toluene	Ethylbenzene	Xylenes (Total) *	MTBE	Napthalene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47
MW-22D 8" open borehole TD=103 feet Casing depth=21.8'	75.51	12/03/09	52.25	23.26	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 300	< 100
		01/06/10 [‡]	51.30	24.21	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--	--	--	--	--	--
		02/02/10	51.70	23.81	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 300	< 100
		05/27/10	52.12	23.39	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 300	< 100
		08/25/10 ³	54.28	21.23	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100
		11/02/10 ⁴	53.95	21.56	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 158	< 100
		03/04/11	52.52	22.99	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 200
		06/21/11	51.82	890.69	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100
		09/16/11	50.85	891.66	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100
		12/07/11	51.43	891.08	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--
		03/20/12	52.33	890.18	--	--	--	--	--	--	--	--	--	--	--	--
		06/08/12	52.38	890.13	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 10.0	< 2.00	< 2.00	< 2.00	--	--
		09/04/12	53.69	888.82	--	--	--	--	--	--	--	--	--	--	--	--
		12/05/12 ⁶	52.73	889.78	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		03/11/13	51.99	890.52	--	--	--	--	--	--	--	--	--	--	--	--
		06/12/13	52.73	889.78	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		09/10/13	53.57	888.94	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 10.0	< 2.00	< 2.00	< 2.00	--	--
12/09/13	52.41	890.10	--	--	--	--	--	--	--	--	--	--	--	--		
03/07/14	51.74	890.77	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 10.0	< 2.00	< 2.00	< 2.00	--	--		
MW-23D 6" open borehole TD=120 feet Casing depth=20.5'	43.04 ¹	09/14/10 ³	15.03	28.01	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	1.02	< 1.0	< 298	< 100
		11/02/10 ⁴	14.62	28.42	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	1.38	< 1.0	< 158	< 100
		03/02/11	13.30	29.74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	2.94	< 1.0	< 150	< 200
		06/15/11	13.11	896.93	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	2.68	< 1.0	< 150	< 100
		09/14/11	12.50	897.54	< 1.0	< 1.0	< 1.0	< 1.0	5.76	< 1.00	< 5.0	< 1.0	1.72	< 1.0	< 150	< 100
		10/04/11	12.97	897.07	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	2.29	< 1.0	--	--
		11/14/11	--	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	2.04	< 1.0	--	--
		12/06/11	12.87	897.17	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	2.02	< 1.0	--	--
		03/21/12	13.33	896.71	--	--	--	--	--	--	--	--	--	--	--	--
		06/06/12	13.06	896.98	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		09/04/12	14.45	895.59	--	--	--	--	--	--	--	--	--	--	--	--
		12/05/12 ⁶	13.63	896.41	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		03/11/13	13.13	896.91	--	--	--	--	--	--	--	--	--	--	--	--
		06/12/13	13.63	896.41	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		09/10/13	14.37	895.67	< 1.00	< 1.00	< 1.00 VC	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		12/09/13	13.18	896.86	--	--	--	--	--	--	--	--	--	--	--	--
		03/07/14	13.03	897.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)											
					Benzene	Toluene	Ethylbenzene	Xylenes (Total) *	MTBE	Napthalene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47
MW-24D 8" open borehole TD=110 feet Casing depth=21.5'	97.73	12/01/09	36.55	61.18	< 1.0	< 1.0	< 1.0	< 1.0	1,340	< 1.00	140	24.8	5.79	< 1.0	< 300	675
		01/06/10 [‡]	34.31	63.42	< 2.0	< 2.0	< 2.0	< 2.0	4,450	--	--	--	--	--	--	--
		02/16/10	33.53	64.20	< 2.0	< 2.0	< 2.0	< 2.0	2,420	< 2.00	211	102	18.8	< 2	< 300	< 100
		05/27/10	37.00	60.73	< 2.00	< 2.00	< 2.00	< 2.00	1,640	< 2.00	281	60	23.6	< 2.00	< 300	542
MW-24A 2" dia. TD=50 feet TOS=25 feet	97.18 ¹	08/27/10 ³	42.00	55.18	< 1.0	< 1.0	< 1.0	< 1.0	1,580	< 1.00	38.5	24.8	11.7	< 1.0	611	603
		11/04/10 ⁴	40.74	56.44	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 158	< 100
	964.18	03/03/11	36.09	61.09	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 200
		06/22/11	37.80	926.38	< 1.0	< 1.0	< 1.0	< 1.0	18.7	< 1.00	< 5.0	< 1.0	1.46	< 1.0	< 150	< 100
		09/16/11	32.32	931.86	< 1.0	< 1.0	< 1.0	< 1.0	1.85	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	363	< 100
		12/08/11	35.10	929.08	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--
		03/26/12	39.04	925.14	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--
		06/08/12	37.20	926.98	< 1.00	< 1.00	< 1.00	< 1.00	1.02	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		09/06/12	40.59	923.59	< 1.00	< 1.00	< 1.00	< 1.00	2.28	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		12/07/12	39.10	925.08	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 10.0	< 2.00	< 2.00	< 2.00	--	--
		03/13/13	37.93	926.25	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		06/13/13	38.08	926.10	< 1.00	< 1.00	< 1.00	< 1.00	12.1	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		09/11/13	38.32	925.86	< 1.00	< 1.00	< 1.00	< 1.00	1.39	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		12/09/13	32.89	931.29	--	--	--	--	--	--	--	--	--	--	--	--
03/13/14	35.66	928.52	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
MW-24B 2" dia. TD=110 feet TOS=100 feet	97.29 ¹	09/14/10 ³	41.96	55.33	< 1.0	< 1.0	< 1.0	< 1.0	871	< 1.00	20.7	16.4	7.82	< 1.0	234	539
		11/04/10 ⁴	39.95	57.34	< 1.0	< 1.0	< 1.0	< 1.0	51.9	< 1.00	< 5.0	< 1.0	1.62	< 1.0	< 167	< 100
	964.29	03/03/11	34.81	62.48	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 200
		06/22/11	35.81	928.48	< 1.0	< 1.0	< 1.0	< 1.0	21.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100
		09/16/11	31.05	933.24	< 1.0	< 1.0	< 1.0	< 1.0	7.82	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	263	< 100
		12/08/11	34.38	929.91	< 1.0	< 1.0	< 1.0	< 1.0	5.58	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--
		03/26/12	38.53	925.76	< 1.0	< 1.0	< 1.0	< 1.0	18.8	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--
		06/08/12	39.02	925.27	< 1.00	< 1.00	< 1.00	< 1.00	25.1	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		09/06/12	42.29	922.00	< 1.00	< 1.00	< 1.00	< 1.00	19.3	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		12/07/12	40.65	923.64	< 2.00	< 2.00	< 2.00	< 2.00	26.8	< 2.00	< 10.0	< 2.00	< 2.00	< 2.00	--	--
		03/13/13	36.48	927.81	< 1.00	< 1.00	< 1.00	< 1.00	14.7	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		06/13/13	38.77	925.52	< 1.00	< 1.00	< 1.00	< 1.00	9.66	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		09/11/13	39.67	924.62	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		12/09/13	37.66	926.63	--	--	--	--	--	--	--	--	--	--	--	--
03/13/14	35.72	928.57	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)											
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47
MW-25D 4" dia. TD=107.5 feet TOS=22.5 feet	69.35 ¹	09/14/10 ³	43.50	25.85	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 171	< 100
		11/04/10 ⁴	43.48	25.87	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 162	< 100
	936.35	03/03/11	44.42	24.93	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 200
		06/21/11	38.04	898.31	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100
		09/15/11	35.67	900.68	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100
		12/06/11	37.41	898.94	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--
		03/20/12	40.32	896.03	--	--	--	--	--	--	--	--	--	--	--	--
		06/06/12	41.73	894.62	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		09/04/12	43.65	892.70	--	--	--	--	--	--	--	--	--	--	--	--
		12/03/12	40.15	896.20	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		03/11/13	39.58	896.77	--	--	--	--	--	--	--	--	--	--	--	--
		06/12/13	41.56	894.79	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		09/10/13	43.13	893.22	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		12/09/13	42.72	893.63	--	--	--	--	--	--	--	--	--	--	--	--
		03/05/14	38.19	898.16	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
MW-26D 4" dia. TD=110 feet TOS=25 feet	76.65 ¹	09/14/10 ³	44.25	32.40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100
		11/03/10 ⁴	44.19	32.46	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 158	< 100
	943.65	03/02/11	42.67	33.98	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 200
		06/21/11	39.06	982.71	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100
		09/15/11	35.22	978.87	< 1.0	< 1.0	< 1.0	< 1.0	1.01	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100
		10/04/11	38.24	981.89	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--
		11/14/11	--	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--
		12/06/11	37.87	905.78	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--
		03/20/12	40.92	902.73	--	--	--	--	--	--	--	--	--	--	--	--
		06/07/12	42.07	901.58	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		09/04/12	43.87	899.78	--	--	--	--	--	--	--	--	--	--	--	--
		12/05/12 ⁶	40.57	903.08	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		03/11/13	39.56	904.09	--	--	--	--	--	--	--	--	--	--	--	--
		06/12/13	41.77	901.88	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		09/10/13	41.77	901.88	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
12/09/13	41.11	902.54	--	--	--	--	--	--	--	--	--	--	--	--		
03/07/14	38.37	905.28	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--		

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)												
					Benzene	Toluene	Ethylbenzene	Xylenes (Total) *	MTBE	Naphthalene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO	
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47	
MW-28 4" dia. TD=70 feet TOS=25 feet	98.97 ¹	09/14/10 ³	39.33	59.64	< 1.0	< 1.0	< 1.0	< 1.0	855	< 1.00	8.56	10.2	6.97	< 1.0	< 150	491	
		11/04/10 ⁴	38.71	60.26	< 1.0	< 1.0	< 1.0	< 1.0	485	< 1.00	56.3	7.93	3.72	< 1.0	< 150	313	
	965.97	03/07/11 ⁵	33.77	65.20	< 1.0	< 1.0	< 1.0	< 1.0	3.56	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100	
		06/20/11	35.11	930.86	< 2.0	< 2.0	< 2.0	< 2.0	56.0	< 2.00	< 10.0	< 2.0	< 2.0	< 2.0	< 150	< 100	
		09/16/11	30.17	935.80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100	
		12/08/11	32.96	933.01	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--	
		03/23/12	37.40	928.57	< 2.0	< 2.0	< 2.0	< 2.0	31.5	< 2.00	< 10.0	< 2.0	< 2.0	< 2.0	--	--	
		06/08/12	37.33	928.64	< 1.00	< 1.00	< 1.00	< 1.00	4.50	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		09/04/12	38.23	927.74	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		12/06/12 ⁶	36.61	929.36	< 1.00	< 1.00	< 1.00	< 1.00	3.74	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		03/13/13	36.56	929.41	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		06/12/13	38.32	927.65	< 1.00	< 1.00	< 1.00	< 1.00	5.86	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		09/11/13	35.80	930.17	< 1.00	< 1.00	< 1.00	< 1.00	1.58	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		12/11/13	30.26	935.71	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
03/12/14	32.65	933.32	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--			
MW-29D 8" open borehole TD=150 feet Casing depth=90.5'	78.12 ¹	09/14/10 ³	22.96	55.16	< 1.0	< 1.0	< 1.0	< 1.0	11.4	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100	
		11/03/10 ⁴	21.63	56.49	< 1.0	1.62	< 1.0	< 1.0	1.82	12.8	< 5.0	< 1.0	< 1.0	< 1.0	< 158	< 100	
	945.12	03/04/11	17.47	60.65	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 200	
		06/17/11	17.72	927.40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	157	< 100	
		09/14/11	10.70	934.42	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100	
		12/02/11	14.60	930.52	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--	
		03/20/12	19.63	925.49	--	--	--	--	--	--	--	--	--	--	--	--	
		06/06/12	17.85	927.27	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		09/04/12	21.32	923.80	--	--	--	--	--	--	--	--	--	--	--	--	
		12/04/12 ⁶	19.63	925.49	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		03/11/13	18.11	927.01	--	--	--	--	--	--	--	--	--	--	--	--	
		06/11/13	19.16	925.96	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 10.0	< 2.00	< 2.00	< 2.00	--	--	
		09/09/13	20.27	924.85	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		12/09/13	16.12	929.00	--	--	--	--	--	--	--	--	--	--	--	--	
03/06/14	15.83	929.29	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--		

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)											
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47
MW-30D 6" open borehole TD=204 feet Casing depth=20'	960.03	06/15/11	44.36	915.67	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100
		09/16/11	32.01	928.02	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100
		12/06/11	39.46	920.57	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--
		03/23/12	47.40	912.63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--
		06/07/12	47.31	912.72	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		09/05/12	51.76	908.27	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		12/06/12 ⁶	46.54	913.49	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		03/14/13	45.28	914.75	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		06/13/13	49.03	911.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		09/11/13	50.29	909.74	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		12/09/13	45.63	914.40	--	--	--	--	--	--	--	--	--	--	--	--
		03/10/14	41.65	918.38	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
MW-31D 6" open borehole TD=200 feet Casing depth=63'	926.33	06/15/11	68.36	857.97	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100
		09/15/11	70.41	855.92	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100
		12/06/11	66.63	859.70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--
		03/22/12	63.77	862.56	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--
		06/06/12	66.55	859.78	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		09/05/12	71.33	855.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		12/05/12 ⁶	72.60	853.73	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		03/12/13	71.10	855.23	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		06/12/13	69.39	856.94	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		09/10/13	71.06	855.27	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		12/09/13	73.73	852.60	--	--	--	--	--	--	--	--	--	--	--	--
		03/06/14	68.64	857.69	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--

**TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND**

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)												
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO	
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47	
MW-32D 6" open borehole TD=285 feet Casing depth=41'	911.74	06/15/11	60.83	850.91	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100	
		09/16/11	52.40	859.34	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	< 150	< 100	
		12/09/11	55.98	855.76	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--	
		03/22/12	59.24	852.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 5.0	< 1.0	< 1.0	< 1.0	--	--	
		06/06/12	57.40	854.34	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		09/05/12	64.73	847.01	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		12/06/12 ⁶	63.23	848.51	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		03/12/13	61.43	850.31	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		06/13/13	60.26	851.48	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		09/10/13	64.07	847.67	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--	
		12/09/13	63.05	848.69	--	--	--	--	--	--	--	--	--	--	--	--	
		03/06/14	58.97	852.77	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	--	--
		SVE-1 4" dia. TD=40 feet TOS= 10 feet	103.32	08/30/05	36.63	66.69	--	--	--	--	--	--	--	--	--	--	--
11/14/05	37.08			66.24	--	--	--	--	--	--	--	--	--	--	--	--	
02/23/06	33.02			70.30	--	--	--	--	--	--	--	--	--	--	--	--	
05/03/06	36.47			66.85	--	--	--	--	--	--	--	--	--	--	--	--	
06/09/06	37.98			65.34	--	--	--	--	--	--	--	--	--	--	--	--	
08/31/06	39.30			64.02	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/06	37.51			65.81	--	--	--	--	--	--	--	--	--	--	--	--	
02/06/07	39.70			63.62	--	--	--	--	--	--	--	--	--	--	--	--	
08/16/07	39.72			63.60	--	--	--	--	--	--	--	--	--	--	--	--	
11/26/07	38.80			64.52	--	--	--	--	--	--	--	--	--	--	--	--	
02/27/08	37.41			65.91	--	--	--	--	--	--	--	--	--	--	--	--	
05/06/08	33.80			69.52	--	--	--	--	--	--	--	--	--	--	--	--	
08/12/08	35.25			68.07	--	--	--	--	--	--	--	--	--	--	--	--	
11/13/08	38.70			64.62	--	--	--	--	--	--	--	--	--	--	--	--	
02/19/09	36.50			66.82	--	--	--	--	--	--	--	--	--	--	--	--	
05/14/09	34.41			68.91	--	--	--	--	--	--	--	--	--	--	--	--	
06/08/09	34.36			68.96	--	--	--	--	--	--	--	--	--	--	--	--	
08/06/09	35.89			67.43	--	--	--	--	--	--	--	--	--	--	--	--	
11/24/09	33.27			70.05	--	--	--	--	--	--	--	--	--	--	--	--	
02/01/10	31.45			71.87	--	--	--	--	--	--	--	--	--	--	--	--	
05/24/10	38.82	64.50	--	--	--	--	--	--	--	--	--	--	--	--			
09/17/10 ³	38.15	65.17	--	--	--	--	--	--	--	--	--	--	--	--			
11/01/10 ⁴	37.92	65.40	--	--	--	--	--	--	--	--	--	--	--	--			
03/01/11	33.49	69.83	--	--	--	--	--	--	--	--	--	--	--	--			
	970.32																

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)													
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO		
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47		
SVE-2 4" dia. TD=40 feet TOS= 10 feet	103.37	08/30/05	37.31	66.06	--	--	--	--	--	--	--	--	--	--	--	--		
		11/14/05	37.61	65.76	--	--	--	--	--	--	--	--	--	--	--	--	--	
		02/23/06	34.40	68.97	--	--	--	--	--	--	--	--	--	--	--	--	--	
		05/03/06	37.20	66.17	--	--	--	--	--	--	--	--	--	--	--	--	--	
		06/09/06	38.54	64.83	--	--	--	--	--	--	--	--	--	--	--	--	--	
		08/31/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		08/16/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		11/26/07	39.20	64.19	--	--	--	--	--	--	--	--	--	--	--	--	--	
		02/27/08	37.91	65.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		05/06/08	35.08	68.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		08/12/08	35.94	67.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/13/08	38.26	65.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/19/09	37.13	66.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	05/14/09	35.71	67.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/08/09	35.78	67.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	08/06/09	37.19	66.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/24/09	34.95	68.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	02/01/10	33.00	70.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	05/24/10	33.40	69.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
09/17/10 ³	39.07	64.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
11/01/10 ⁴	38.31	65.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
03/01/11	33.64	69.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
TF-1 4" dia. TD=15.02	NM	05/26/05	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--		
		08/05/05	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		08/30/05	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		11/14/05	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		02/23/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		05/03/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		06/09/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		08/31/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		05/16/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		08/16/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/26/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		02/27/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)												
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO	
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47	
TF-1 CONT'D		05/06/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	
		08/12/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/13/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		02/19/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		05/14/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		06/08/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		08/06/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/24/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		02/01/10	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		05/24/10	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		09/17/10 ³	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/01/10 ⁴	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		03/01/11	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		06/14/11	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		09/12/11	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/01/11	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		03/20/12	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		06/04/12	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		09/04/12	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/03/12	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/11/13	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
06/10/13	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
09/09/13	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
12/09/13	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
03/10/14	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
TF-2 4" dia. TD=14.10	NM	05/26/05	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	
		08/05/05	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	
		08/30/05	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	
		11/14/05	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	
		02/23/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	
		05/03/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	
		06/09/06	13.91	--	--	--	--	--	--	--	--	--	--	--	--	--	
		08/31/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	
		05/16/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	
		08/16/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	
		11/26/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	
		02/27/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)											
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47
TF-2 CONT'D		05/06/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		08/12/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/13/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		02/19/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		05/14/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		06/08/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		08/06/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/24/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		02/01/10	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		05/24/10	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		09/17/10 ³	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/01/10 ⁴	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		03/01/11	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		06/14/11	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		09/12/11	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/01/11	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		03/20/12	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		06/04/12	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		09/04/12	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/03/12	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/11/13	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/10/13	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	
	09/09/13	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	
	12/09/13	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	
	03/10/14	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	
TF-3 4" dia. TD=14.83	NM	05/26/05	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		08/05/05	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		08/30/05	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/14/05	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		02/23/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		05/03/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		06/09/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		08/31/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		05/16/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		08/16/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/26/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		02/27/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		05/06/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)													
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO		
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47		
TF-3 CONT'D		08/12/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--		
		11/13/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		02/19/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		05/14/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		06/08/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		08/06/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/24/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		02/01/10	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		05/24/10	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		09/17/10 ³	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/01/10 ⁴	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		03/01/11	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		06/14/11	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		09/12/11	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/01/11	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		03/20/12	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		06/04/12	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		09/04/12	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/03/12	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		03/11/13	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/10/13	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
09/09/13	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
12/09/13	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
03/10/14	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
TF-4 4" dia. TD=12.05	NM	02/27/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--		
		05/06/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		08/12/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		11/13/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		02/19/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		05/14/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		06/08/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		08/06/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		11/24/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		02/01/10	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		05/24/10	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		09/17/10 ³	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		11/01/10 ⁴	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/01/11	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		

**TABLE 1
GROUNDWATER ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND**

Location ID	Top of Casing (feet)	Sample Date	Depth to Water (feet)	Water Elevation (feet)	Constituents of Concern (µg/L)											
					Benzene	Toluene	Ethyl-benzene	Xylenes (Total) *	MTBE	Napht-halene	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
MDE GNCS, Type I and II Aquifers					5	1,000	700	10,000	20	0.65	NA	NA	NA	NA	47	47
TF-4 CONT'D		06/14/11	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		09/12/11	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/01/11	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		03/20/12	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		06/04/12	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		09/04/12	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/03/12	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		03/11/13	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		06/10/13	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		09/09/13	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		12/09/13	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
		03/10/14	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

< = Analyte not detected at or above the specified laboratory detection limit

Values exceeding the specified MDE criteria are **bolded**.

TPH analysis conducted in accordance with SW8015B.

Volatile organic compound (VOC) analysis conducted in accordance with SW8260B; only BTEX and oxygenates are summarized

MDE GNCS = Maryland Department of the Environment Generic Numeric Cleanup Standards, Interim Final Guidance, June 2008

¹ Surveyed 09/08-09/10 by Environmental Alliance, Inc.

² Diesel result from sample collected 09/14/10

³ DTW measurements for these samples were taken on 09/17/10.

⁴ DTW measurements for these samples were taken on 11/01/10, except for MW-16 which was gauged on 11/05/10.

⁵ There was a water main break that may have affected the data.

⁶ DTW measurements for these samples were taken on 12/03/12.

⁷ Pump stuck, no sample taken

* = Total xylene represents the sum of o-xylene and m&p xylenes with the highest detection limit used in the case of non-detect.

† = Resampled on 11/30/09 due to broken bottleware

‡ = Sample collected using low flow purging and sampling procedures

Top of casing elevations up to and including those measured on 03/07/11 are based on arbitrary datum of 100 feet, current elevations are based on mean sea level.

Shaded cells indicate well interval no longer sampled due to nested well installation.

Monitoring wells MW-2, MW-5, MW-8, MW-9, MW-10 and MW-11 were converted to pumping wells on March 18, 2011.

D1 = The RPD result exceeded the QC control limits for the duplicate sample analyzed.

QB = Spike recovery was outside acceptance limits for MS/MSD due to sample matrix interferences. The batch was accepted based on acceptable CCV recovery.

QK = This result was above the calibration range; therefore it is an estimated value.

VC = Check standard was outside the QC range. Data accepted based on acceptable LCS.

VH = LCS was outside the QC range. Data accepted based on acceptable check standard.

2b = The spike recovery was outside the acceptance limits for the MS and/or MSD.

--- = Not Applicable / Not Available

J = Estimated Value

µg/L = micrograms per liter

NG = No Guideline

TD = Total depth of monitoring well (feet)

TOS = Depth from surface to top of monitoring well screen

MTBE = Methyl-tertiary butyl-ether

TBA = Tert-butyl alcohol

TAME = Tertialy-amy methyl-ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary-butyl ether

TPH = Total petroleum hydrocarbons

GRO = Gasoline-range organics

DRO = Diesel-range organics

TABLE 2
RESIDENTIAL POTABLE WELL ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Sample Location	Date	Analytes (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes, Total	MTBE	TBA	DIPE	TAME	ETBE
MDE GNCS, Type I and II Aquifers		5.0	1,000	700	10,000	20	NG	NG	NG	NG
P463-3017 Walnut Street	02/16/07	<5.0	<5.0	<5.0	<10	5,200	1,500	18	140	<5.0
CL-68-W-441	02/19/07	<5.0	<5.0	<5.0	<10	4,900	1,300	17	130	<5.0
6.25" dia.	03/06/07	<5.0	<5.0	<5.0	<10	5,400	1,200	15	120	<5.0
TD=143 feet	03/19/07	<10	<10	<10	<20	6,000	1,700	15	120	<10
BOC=55 feet	04/03/07	<5.0	<5.0	<5.0	<10	4,200	1,300	12	83	<5.0
Depalmer Residence	04/19/07	1.64	<0.5	<0.5	<0.5	6,530	782	23.2	117	<0.5
	05/01/07	1.68	<0.5	<0.5	<0.5	6,940	1,130	25.7	178	<0.5
TOC Elevation = 965.49 feet	05/15/07	2.79	<0.5	<0.5	<0.5	8,170	1,130	28.3	249	<0.5
	05/29/07	3.44	<0.5	<0.5	<0.5	8,670	2,380	31.4	191	<0.5
	06/14/07	4.81	<0.5	<0.5	<0.5	9,610	2,320	25	138	<0.5
	02/19/09	0.56	< 0.5	< 0.5	< 0.5	8,720	1,680	26.6	150	< 0.5
	08/12/09	0.96	< 0.5	< 0.5	< 0.5	7,600	3,080	33.1	144	< 0.5
	11/13/09	< 1.0	3.55	< 1.0	< 1.0	3,380	140	75.9	15	< 1.0
	02/16/10	< 0.5	< 0.5	< 0.5	< 0.5	1,400	< 2.5	16.5	6.61	< 0.5
	05/27/10	< 0.5	< 0.5	< 0.5	< 0.5	3,800	2,190	15.8	61.2	< 0.5
	08/26/10	< 0.5	< 0.5	< 0.5	< 0.5	10,100	400	24.1	82.2	< 0.5
	11/05/10	< 0.5	< 0.5	< 0.5	< 1.0	3,470	< 2.5	15.3	30.4	< 0.5
	03/02/11	< 0.5	< 0.5	< 0.5	< 1.0	9,060	732	17.9	131	< 0.5
	06/21/11	< 1.0	< 1.0	< 1.0	< 1.0 †	2,770	212	14.0	63.4	< 1.0
	09/09/11	< 1.0	< 1.0	< 1.0	< 1.0 †	2,890	488	11.8	38.2	< 1.0
	09/12/11	< 1.0	< 1.0	< 1.0	< 1.0 †	2,990	474	11.8	37.2	< 1.0
	09/14/11	< 1.0	< 1.0	< 1.0	< 1.0 †	1,520	186	< 1.0	31.3	< 1.0
	09/19/11	< 2.0	< 2.0	< 2.0	< 2.0 †	2,320	177	11.5	43.6	< 2.0
	09/27/11	< 1.0	< 1.0	< 1.0	< 1.0 †	1,470	120	9.33	29	< 1.0
	10/04/11	< 2.00	< 2.00	< 2.00	< 2.00 †	1,080	382	10.6	44.3	< 2.00
	10/11/11	< 2.00	< 2.00	< 2.00	< 2.00 †	2,080	115	11.0	33.8	< 2.00
	11/14/11	< 2.00	< 2.00	< 2.00	< 4.00	1,500	--	--	--	--
	12/05/11	< 2.00	< 2.00	< 2.00	< 2.00 †	1,330	42.9	11.6	20.3	< 2.00
	01/03/12	< 2.00	< 2.00	< 2.00	< 4.00	463	--	--	--	--
	02/07/12	< 2.00	< 2.00	< 2.00	< 4.00	754	--	--	--	--
	03/05/12	< 2.01	< 2.00	< 2.00	< 2.00 †	352	< 10.0	11.5	4.72	< 2.00
	04/09/12	< 2.02	< 2.00	< 2.00	< 4.00	2,210	--	--	--	--
	05/14/12	< 2.03	< 2.00	< 2.00	< 4.00	565	--	--	--	--
	06/04/12	< 2.04	< 2.00	< 2.00	< 2.00 †	569	74.7	4.76	7.84	< 2.00
	07/02/12	< 2.05	< 2.00	< 2.00	< 4.00	767 QK	--	--	--	--
	08/13/12	< 2.06	< 2.00	< 2.00	< 4.00	937	--	--	--	--
	09/26/12	< 2.07	< 1.00	< 1.00	< 1.00 †	753 QK	112	6.45	8.84	< 1.00
	10/22/12	< 2.08	< 2.00	< 2.00	< 4.00	730	--	--	--	--
	12/04/12	< 2.09	< 2.00	< 2.00	< 4.00	122	--	--	--	--
	03/14/13	< 2.10	< 2.00	< 2.00	< 2.00 †	1,130 QK	67.1	7.72	9.90	< 2.00
	06/10/13	< 2.00	< 2.00	< 2.00	< 2.00 †	117	13.3	< 2.00	< 2.00	< 2.00
	09/09/13	< 2.00	< 2.00	< 2.00	< 2.00 †	< 2.00	< 10.0	< 2.00	< 2.00	< 2.00
	12/12/13	< 1.00	< 1.00	< 1.00	< 1.00 †	27.0	< 5.00	1.75	< 1.00	< 1.00

TABLE 2
RESIDENTIAL POTABLE WELL ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Sample Location	Date	Analytes (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes, Total	MTBE	TBA	DIPE	TAME	ETBE
MDE GNCS, Type I and II Aquifers		5.0	1,000	700	10,000	20	NG	NG	NG	NG
P463-3017 Walnut Street cont'd	03/14/14	< 1.00	< 1.00	< 1.00	< 1.00 †	2.99	< 5.00	< 1.00	< 1.00	< 1.00
P246-3032 Walnut Street	02/16/07	<0.1	<0.1	<0.1	<0.2	0.4	<5.0	<0.1	<0.1	<0.1
CL-66-W-450	05/16/07	<0.5	<0.5	<0.5	<0.5	1.12	257	<0.5	<0.5	<0.5
6.25" dia.	06/29/07	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	<0.5	<0.5
TD=201 feet	07/19/07	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	<0.5	<0.5
BOC=71.2 feet	08/21/07	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	<0.5	<0.5
Teets Residence	09/12/07	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	<0.5	<0.5
	10/23/07	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	<0.5	<0.5
	11/26/07	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	<0.5	<0.5
	12/17/07	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	<0.5	<0.5
	01/08/08	<0.5	<0.5	<0.5	<0.5	<0.5	<2.50	<0.5	<0.5	<0.5
	05/06/08	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	11/13/08	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	08/12/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	08/26/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	09/16/11	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	09/05/12	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	09/07/12	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500

TABLE 2
RESIDENTIAL POTABLE WELL ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Sample Location	Date	Analytes (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes, Total	MTBE	TBA	DIPE	TAME	ETBE
MDE GNCS, Type I and II Aquifers		5.0	1,000	700	10,000	20	NG	NG	NG	NG
P593 (3)-2929 Bachman Road CL-73-5618 6" dia. TD=135' BOC=70' Former Perelli Residence	03/24/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
P590-2931 Bachman Road CL-73-4833 6" dia. TD=200' BOC=24' Lewis Residence	08/19/10	< 0.5	< 0.5	< 0.5	< 0.5	1.84	< 2.5	< 0.5	< 0.5	< 0.5
	09/14/10	< 0.5	< 0.5	< 0.5	< 1.0	2.76	< 2.5	< 0.5	< 0.5	< 0.5
	03/02/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	09/14/11	< 0.5	< 0.5	< 0.5	< 1.0	0.62	< 2.5	< 0.5	< 0.5	< 0.5
	03/22/12	< 0.5	< 0.5	< 0.5	< 1.0	0.86	< 2.5	< 0.5	< 0.5	< 0.5
	03/15/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
P554-2935 Bachman Road CL-72-0223 6" dia. TD=120' BOC=57' Bosley Residence	07/15/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5

TABLE 2
RESIDENTIAL POTABLE WELL ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Sample Location	Date	Analytes (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes, Total	MTBE	TBA	DIPE	TAME	ETBE
MDE GNCS, Type I and II Aquifers		5.0	1,000	700	10,000	20	NG	NG	NG	NG
P823-2999 Bachman Road CL-94-2587 6" dia. TD=300' BOC=42' Fisher Residence	07/27/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
P310-3001 Bachman Road CL-73-0526 6" dia. TD=310' BOC=40' Mislak Residence	07/27/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
Bachman Road Well 6" dia. CL-73-3684 TD = 250 feet BOC = 75 feet Town of Manchester	03/11/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	05/27/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	08/26/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	11/04/10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	03/03/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	06/20/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	09/14/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	09/27/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	12/07/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	03/22/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	06/07/12	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	09/05/12	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	09/07/12	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	12/04/12	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	03/13/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
06/10/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500	
09/09/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500	
12/11/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500	
03/10/14	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500	

TABLE 2
RESIDENTIAL POTABLE WELL ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Sample Location	Date	Analytes (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes, Total	MTBE	TBA	DIPE	TAME	ETBE
MDE GNCS, Type I and II Aquifers		5.0	1,000	700	10,000	20	NG	NG	NG	NG
Walnut Street Well	03/01/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CL-81-6577	04/03/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
8" dia.	05/02/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TD=250 feet	06/07/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BOC=20 feet	07/13/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Town of Manchester	08/01/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	09/12/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11/07/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/10/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/16/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	02/20/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	03/12/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/22/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	06/26/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/23/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	08/13/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	09/08/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/01/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11/10/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/10/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	05/21/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	08/06/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	11/25/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	02/03/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	05/27/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	08/26/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	11/04/10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	03/24/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	06/20/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	10/14/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	12/07/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	03/22/12	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	06/07/12	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	10/09/12	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	12/04/12	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	03/13/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	06/10/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	09/09/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	12/11/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	03/10/14	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500

TABLE 2
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SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Sample Location	Date	Analytes (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes, Total	MTBE	TBA	DIPE	TAME	ETBE
MDE GNCS, Type I and II Aquifers		5.0	1,000	700	10,000	20	NG	NG	NG	NG
Walnut Street Spring Town of Manchester	03/01/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/03/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	05/02/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	06/07/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/13/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	08/01/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	09/12/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11/07/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11/27/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/10/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/16/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	02/20/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	03/12/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/22/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	06/26/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/23/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	08/13/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	09/08/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/01/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11/10/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/10/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	02/19/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	05/21/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	08/06/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	11/25/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	02/03/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	05/27/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	08/26/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
11/30/10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	
03/03/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	
06/20/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	
10/14/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	
12/07/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	
03/22/12	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	
06/07/12	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500	
10/09/12	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500	
12/04/12	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500	
03/13/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500	
06/10/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500	
09/09/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500	
12/11/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500	

TABLE 2
RESIDENTIAL POTABLE WELL ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Sample Location	Date	Analytes (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes, Total	MTBE	TBA	DIPE	TAME	ETBE
MDE GNCS, Type I and II Aquifers		5.0	1,000	700	10,000	20	NG	NG	NG	NG
Walnut Street Spring cont'd	03/10/14	< 0.500	< 0.500 2b	< 0.500 2b	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
Holland Drive Well	03/01/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CL-73-8001	04/03/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
8" dia.	05/02/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TD=100 feet	06/07/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BOC=48 feet	07/13/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Town of Manchester	08/01/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	09/12/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/08/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11/07/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/11/07	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	01/16/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	02/20/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	03/12/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	04/22/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	05/21/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	06/26/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	07/23/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	08/13/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	09/08/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/01/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11/10/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/10/08	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10/06/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	11/25/09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	02/03/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	05/27/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	08/26/10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	11/04/10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	03/03/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	06/20/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	09/14/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	12/07/11	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	03/22/12	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5
	06/07/12	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	09/05/12	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500

TABLE 2
RESIDENTIAL POTABLE WELL ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Sample Location	Date	Analytes (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes, Total	MTBE	TBA	DIPE	TAME	ETBE
MDE GNCS, Type I and II Aquifers		5.0	1,000	700	10,000	20	NG	NG	NG	NG
Holland Drive Well	09/07/12	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
cont'd	12/04/12	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	03/13/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	06/10/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	09/09/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	12/11/13	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500
	03/10/14	< 0.500	< 0.500	< 0.500	< 1.00	< 0.500	< 2.50	< 0.500	< 0.500	< 0.500

Notes:

NG = No Guideline

--- = Not Applicable / Not Available

< = Analyte not detected at or above the specified laboratory detection limit

J = Estimated Value

ug/l = micrograms per liter

Values exceeding the specified MDE criteria are **bolded**.

BOC = Depth from surface to bottom of potable well casing

TD = Total depth of monitoring well (feet)

TOS = Depth from surface to top of monitoring well screen

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

Volatile organic compound (VOC) analysis conducted in accordance with EPA Method 524.2; only BTEX and oxygenates are summarized

3017 Walnut Street VOC analysis conducted in accordance with SW8260B starting in June 2011.

MDE GNCS = Maryland Department of the Environment Generic Numeric Cleanup Standards, Interim Final Guidance, June 2008

MTBE = Methyl-tertiary butyl-ether

TBA = Tert-butyl alcohol

TAME = Tertial-amyl methyl-ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary-butyl ether

* Groundwater sample collected during packer testing

† = Represents the total of o-,m- and p-xylenes

**TABLE 3
REMEDIATION SYSTEM ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND**

Location ID	Sample Date	Constituents of Concern (µg/L)											
		Benzene	Toluene	Ethyl- benzene	Xylenes (Total)	BTEX	MTBE	TBA	TAME	DIPE	ETBE	TPH- DRO	TPH- GRO
NPDES Permit Limits (Effluent Only)		5	NG	NG	NG	100	20	NG	NG	NG	NG	NG	NG
OSMWINF (On Site Influent)	03/30/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	7,590	--	--	--	--	--	--
	04/01/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	6,860	--	--	--	--	--	--
	04/04/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	3,610	--	--	--	--	--	--
	04/11/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	5,990	--	--	--	--	--	--
	04/18/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	9,800	--	--	--	--	--	--
	06/06/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	10,600	--	--	--	--	--	--
	07/12/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	4,990	--	--	--	--	--	--
	08/01/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	6,820	--	--	--	--	--	--
	09/06/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	7,430	--	--	--	--	--	--
	10/04/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	9,650	--	--	--	--	--	--
	11/07/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	494	--	--	--	--	--	--
	12/05/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	8,510	--	--	--	--	--	--
	01/03/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	5,260	--	--	--	--	--	--
	02/07/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	677	--	--	--	--	--	--
	03/05/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	857	--	--	--	--	--	--
	04/09/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	977	--	--	--	--	--	--
	05/14/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	181	--	--	--	--	--	--
	06/04/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	638	--	--	--	--	--	--
	07/02/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	697 QK	--	--	--	--	--	--
	08/13/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	357	--	--	--	--	--	--
09/24/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	1,800 QK	--	--	--	--	--	--	
10/22/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	1,390	--	--	--	--	--	--	
12/04/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	714 QK	--	--	--	--	--	--	
03/14/13	< 2.00	< 2.00	< 2.00	< 4.00	ND	2,610 QK	--	--	--	--	--	--	
06/10/13	< 2.00	< 2.00	< 2.00	< 4.00	ND	307 QK	--	--	--	--	--	--	
09/24/13	< 1.00 VC	< 1.00 VC	< 1.00 VC	< 2.00 VC	ND	446 QK	--	--	--	--	--	--	
12/12/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	420	--	--	--	--	--	--	
03/14/14	< 1.00	< 1.00	< 1.00	< 2.00	ND	93.0	--	--	--	--	--	--	
MW17DINF	12/20/10 [†]	< 2.00	< 2.00	< 2.00	< 4.00 *	ND	9,280	1,370	136	33.0	< 2.00	157	1,030
	01/10/11 [†]	< 2.00	< 2.00	< 2.00	< 4.00 *	ND	3,460	--	--	--	--	--	--
	01/19/11 [†]	< 2.00	< 2.00	< 2.00	< 4.00 *	ND	3,110	57.4	49.1	11.4	< 2.00	< 170	456
	02/07/11 [†]	< 2.00	< 2.00	< 2.00	< 4.00	ND	1,360	--	--	--	--	--	--
	03/07/11 ^{† 1}	< 2.00	< 2.00	< 2.00	< 4.00	ND	191	--	--	--	--	--	--
	03/30/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	131	--	--	--	--	--	--
	04/01/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	124	--	--	--	--	--	--
	04/04/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	198	--	--	--	--	--	--
	04/11/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	221	--	--	--	--	--	--
	04/18/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	234	--	--	--	--	--	--
	06/06/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	227	--	--	--	--	--	--
	07/12/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	99.3	--	--	--	--	--	--
08/01/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	151	--	--	--	--	--	--	

**TABLE 3
REMEDIATION SYSTEM ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND**

Location ID	Sample Date	Constituents of Concern (µg/L)											
		Benzene	Toluene	Ethyl- benzene	Xylenes (Total)	BTEX	MTBE	TBA	TAME	DIPE	ETBE	TPH- DRO	TPH- GRO
NPDES Permit Limits (Effluent Only)		5	NG	NG	NG	100	20	NG	NG	NG	NG	NG	NG
MW17DINF (CONT')	09/06/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	83.8	--	--	--	--	--	--
	10/04/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	43.0	--	--	--	--	--	--
	11/07/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	109	--	--	--	--	--	--
	12/01/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	93.2	< 10	< 2.00	< 2.00	< 2.00	--	--
	01/03/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	45.6	--	--	--	--	--	--
	01/17/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	110	--	--	--	--	--	--
	01/23/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	94.9	--	--	--	--	--	--
	02/13/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	135	--	--	--	--	--	--
	02/21/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	131	--	--	--	--	--	--
	02/27/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	73.9	--	--	--	--	--	--
	03/20/12	< 1.00	< 1.00	< 1.00	< 1.00	ND	43.2	< 5.00	< 1.00	< 1.00	< 1.00	--	--
	03/26/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	198	--	--	--	--	--	--
	04/09/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	38.4	--	--	--	--	--	--
	05/14/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	11.4	--	--	--	--	--	--
	06/04/12	< 2.00	< 2.00	< 2.00	< 2.00	ND	35.7	< 10.0	< 2.00	< 2.00	< 2.00	--	--
	07/02/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	43.2	--	--	--	--	--	--
08/13/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	140	--	--	--	--	--	--	
10/22/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	128	--	--	--	--	--	--	
ASINF (System Influent)	12/20/10 [†]	< 2.00	< 2.00	< 2.00	< 4.00 *	ND	9,280	1,370	136	33.0	< 2.00	157	1,030
	01/10/11 [†]	< 2.00	< 2.00	< 2.00	< 4.00	ND	3,460	--	--	--	--	--	--
	01/19/11 [†]	< 2.00	< 2.00	< 2.00	< 4.00 *	ND	3,110	57.4	49.1	11.4	< 2.00	< 170	456
	02/07/11 [†]	< 2.00	< 2.00	< 2.00	< 4.00	ND	1,360	--	--	--	--	--	--
	03/07/11 [†]	< 2.00	< 2.00	< 2.00	< 4.00	ND	191	--	--	--	--	--	--
	03/30/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	364	--	--	--	--	--	--
	04/01/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	669	--	--	--	--	--	--
	04/04/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	700	--	--	--	--	--	--
	04/11/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	854	--	--	--	--	--	--
	04/18/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	980	--	--	--	--	--	--
	05/02/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	1,460	--	--	--	--	--	--
	06/06/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	1,000	--	--	--	--	--	--
	07/12/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	363	--	--	--	--	--	--
	08/01/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	962	--	--	--	--	--	--
	09/06/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	360	--	--	--	--	--	--
	10/04/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	545	--	--	--	--	--	--
	11/07/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	90.2	--	--	--	--	--	--
	12/05/11	< 2.00	< 2.00	< 2.00	< 4.00	ND	692	--	--	--	--	--	--
	01/03/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	451	--	--	--	--	--	--
	02/07/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	498	--	--	--	--	--	--
03/05/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	894	--	--	--	--	--	--	
04/09/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	710	--	--	--	--	--	--	

TABLE 3
REMEDIATION SYSTEM ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Sample Date	Constituents of Concern (µg/L)											
		Benzene	Toluene	Ethyl-benzene	Xylenes (Total)	BTEX	MTBE	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
NPDES Permit Limits (Effluent Only)		5	NG	NG	NG	100	20	NG	NG	NG	NG	NG	NG
ASINF (CONT') (System Influent)	05/14/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	36.2	--	--	--	--	--	--
	06/04/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	153	--	--	--	--	--	--
	07/02/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	77.3	--	--	--	--	--	--
	08/13/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	145	--	--	--	--	--	--
	09/24/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	445 QK	--	--	--	--	--	--
	10/22/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	289	--	--	--	--	--	--
	12/04/12	< 2.00	< 2.00	< 2.00	< 4.00	ND	138	--	--	--	--	--	--
	03/14/13	< 2.00	< 2.00	< 2.00	< 4.00	ND	1,180 QK	--	--	--	--	--	--
	06/10/13	< 2.00	< 2.00	< 2.00	< 4.00	ND	19.4	--	--	--	--	--	--
	09/09/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	12/12/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	66.8	--	--	--	--	--	--
	03/14/14	< 1.00	< 1.00	< 1.00	< 2.00	ND	61.5	--	--	--	--	--	--
ASEFF (After air stripper)	12/20/10 [†]	< 1.00	< 1.00	< 1.00	< 2.00 *	ND	42.5	1,360	< 1.00	< 1.00	< 1.00	< 150	< 100
	01/10/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00 *	ND	50.3	--	--	--	--	--	--
	01/19/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00 *	ND	142	30.5	1.74	< 1.00	< 1.00	< 160 Al	< 100
	02/07/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.53	--	--	--	--	--	--
	03/07/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	03/30/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.43	--	--	--	--	--	--
	04/01/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	6.65	--	--	--	--	--	--
	04/04/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	10.1	--	--	--	--	--	--
	04/11/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	5.60	--	--	--	--	--	--
	04/18/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	3.89	--	--	--	--	--	--
	05/02/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	7.12	--	--	--	--	--	--
	06/01/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	2.70	--	--	--	--	--	--
	06/06/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	3.88	--	--	--	--	--	--
	07/12/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	08/01/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	09/06/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	2.25	--	--	--	--	--	--
	10/04/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	3.35	--	--	--	--	--	--
	11/07/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	2.71	--	--	--	--	--	--
	12/05/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	4.99	--	--	--	--	--	--
	01/03/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	2.85	--	--	--	--	--	--
	02/07/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	03/05/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	04/09/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
05/14/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	
06/04/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	
07/02/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	
08/13/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	3.34	--	--	--	--	--	--	
09/24/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.94	--	--	--	--	--	--	
10/22/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	

**TABLE 3
REMEDIATION SYSTEM ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND**

Location ID	Sample Date	Constituents of Concern (µg/L)											
		Benzene	Toluene	Ethyl- benzene	Xylenes (Total)	BTEX	MTBE	TBA	TAME	DIPE	ETBE	TPH- DRO	TPH- GRO
NPDES Permit Limits (Effluent Only)		5	NG	NG	NG	100	20	NG	NG	NG	NG	NG	NG
ASEFF (CONT') (After air stripper)	12/04/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	03/14/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	06/10/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	09/09/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	12/12/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	03/14/14	< 1.00	< 1.00	< 1.00	< 2.00	ND	28.4	--	--	--	--	--	--
LGACMID1 (Mid Carbon)	12/20/10 [†]	< 1.00	< 1.00	< 1.00	< 2.00 *	ND	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 150	< 100
	01/10/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00 *	ND	5.26	--	--	--	--	--	--
	01/19/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00 *	ND	35.8	< 5.00	< 1.00	< 1.00	< 1.00	< 180	< 100
	03/07/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	04/04/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	05/02/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	06/01/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	3.70	--	--	--	--	--	--
	06/06/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	2.53	--	--	--	--	--	--
	07/12/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	08/01/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	10/22/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	12/04/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
LGACEFF (System Effluent)	12/17/10 [†]	< 1.00	< 1.00	< 1.00	< 2.00 *	ND	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 150	< 100
	12/20/10 [†]	< 1.00	< 1.00	< 1.00	< 2.00 *	ND	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 150	< 100
	12/28/10 [†]	< 1.00	< 1.00	< 1.00	< 2.00 *	ND	< 1.00	593	< 1.00	< 1.00	< 1.00	< 150	< 100
	01/05/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00 *	ND	< 1.00	251	< 1.00	< 1.00	< 1.00	90.0	< 100
	01/10/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00 *	ND	< 1.00	9.96	< 1.00	< 1.00	< 1.00	< 80.0	< 100
	01/17/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00 *	ND	< 1.00	--	--	--	--	--	--
	01/19/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00 *	ND	< 1.00	< 5.00	< 1.00	< 1.00	< 1.00	< 170	< 100
	01/24/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	01/31/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00	ND	2.62	--	--	--	--	--	--
	02/08/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	02/14/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	02/22/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	02/28/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	03/07/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	03/14/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	03/23/11 [†]	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	03/30/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	04/01/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	04/04/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	04/11/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
04/18/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	
04/28/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	

**TABLE 3
REMEDIATION SYSTEM ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND**

Location ID	Sample Date	Constituents of Concern (µg/L)											
		Benzene	Toluene	Ethyl- benzene	Xylenes (Total)	BTEX	MTBE	TBA	TAME	DIPE	ETBE	TPH- DRO	TPH- GRO
NPDES Permit Limits (Effluent Only)		5	NG	NG	NG	100	20	NG	NG	NG	NG	NG	NG
LGACEFF (CONT') (System Effluent)	05/02/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	05/09/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	05/16/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	2.89	--	--	--	--	--	--
	05/23/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	7.66	--	--	--	--	--	--
	06/01/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.28	--	--	--	--	--	--
	06/06/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	06/15/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	06/20/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	06/27/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	07/06/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	07/12/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	07/18/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	07/25/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	08/01/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	08/08/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	08/15/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	08/22/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	08/29/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	09/06/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	09/12/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	9.15	--	--	--	--	--	--
	09/19/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	12.1	--	--	--	--	--	--
	09/27/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.74	--	--	--	--	--	--
	10/04/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.26	--	--	--	--	--	--
	10/11/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	10/18/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	10/24/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	10/31/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	11/07/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.09	--	--	--	--	--	--
	11/14/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.67	--	--	--	--	--	--
	11/21/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.06	--	--	--	--	--	--
11/28/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.50	--	--	--	--	--	--	
12/05/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	2.07	--	--	--	--	--	--	
12/12/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.41	--	--	--	--	--	--	
12/19/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.20	--	--	--	--	--	--	
12/27/11	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	
01/03/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.11	--	--	--	--	--	--	
01/09/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	
01/17/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	
01/23/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.52	--	--	--	--	--	--	
01/30/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	
02/07/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	

TABLE 3
REMEDIATION SYSTEM ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Sample Date	Constituents of Concern (µg/L)											
		Benzene	Toluene	Ethyl- benzene	Xylenes (Total)	BTEX	MTBE	TBA	TAME	DIPE	ETBE	TPH- DRO	TPH- GRO
NPDES Permit Limits (Effluent Only)		5	NG	NG	NG	100	20	NG	NG	NG	NG	NG	NG
LGACEFF (CONT') (System Effluent)	02/13/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	02/21/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	02/27/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	7.05	--	--	--	--	--	--
	03/05/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.22	--	--	--	--	--	--
	03/12/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	03/20/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	03/26/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	04/09/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	04/09/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	04/16/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	04/25/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	04/30/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	05/07/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	05/14/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	05/21/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	05/29/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	06/04/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	06/18/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	07/02/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	07/16/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	07/30/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	08/07/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	19.3	--	--	--	--	--	--
	08/13/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	2.62	--	--	--	--	--	--
	09/24/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	10/22/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	11/05/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	11/19/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	12/04/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	12/19/12	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	01/03/13	< 1.00	< 1.00	< 1.00	< 2.00	VH	< 1.00	--	--	--	--	--	--
01/14/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	
01/29/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	
02/11/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	2.91	--	--	--	--	--	--	
02/22/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	
03/14/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	
03/25/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	
04/05/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	
04/24/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	
05/06/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.27	--	--	--	--	--	--	
05/21/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	1.21	--	--	--	--	--	--	
06/10/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	

**TABLE 3
REMEDIATION SYSTEM ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND**

Location ID	Sample Date	Constituents of Concern (µg/L)											
		Benzene	Toluene	Ethyl-benzene	Xylenes (Total)	BTEX	MTBE	TBA	TAME	DIPE	ETBE	TPH-DRO	TPH-GRO
NPDES Permit Limits (Effluent Only)		5	NG	NG	NG	100	20	NG	NG	NG	NG	NG	NG
LGACEFF (CONT') (System Effluent)	06/26/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	07/09/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	07/22/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	08/07/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	08/19/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	08/27/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	09/09/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	09/24/13	< 1.00	< 1.00 VC	< 1.00 VC	< 2.00 VC	ND	< 1.00	--	--	--	--	--	--
	10/07/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	10/22/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	11/04/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	11/20/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	12/12/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	12/25/13	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	01/06/14	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	01/23/04	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	02/04/14	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
	02/27/14	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--
03/04/14	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	
03/14/14	< 1.00	< 1.00	< 1.00	< 2.00	ND	< 1.00	--	--	--	--	--	--	

Notes:

< = Analyte not detected at or above the specified laboratory detection limit

-- = Not Applicable / Not Available

µg/l = micrograms per liter

Values exceeding the specified MDE criteria are **bolded**.

TPH analysis conducted in accordance with SW8015B.

Volatile organic compound (VOC) analysis conducted in accordance with SW8260B.

NPDES Permit Limits = Specified by general discharge permit #2008-OGR-5060 (MDG915060)

*= Total xylene represents the sum of the results for o-xylene and m&p xylenes with the highest detection limit used in the case of non-detect.

System influent = total groundwater extracted from pumping wells (MW-2, MW-5, MW-8, MW-9, MW-10, MW-11, & MW-17D)

† = Only monitoring wells MW-2, MW-5, MW-8, MW-9, MW-10, & MW-11 operating at this time

A1 = The RPD of the duplicate QC sample exceeded the control limits.

¹ There was a water main break that may have affected the data.

Carbon change outs performed: February 7, 2011; May 9, 2011; January 27, 2012

QK = This result was above the calibration range; therefore it is an estimated value.

VH = LCS value was outside the QC range. Data accepted based on acceptable check standard.

VC = Check standard was outside the QC range. Data accepted based on acceptable LCS.

NG = No Guideline

ND = Not Detected

MTBE = Methyl-tertiary butyl-ether

TBA = Tert-butyl alcohol

TAME = Tertiary-amyl methyl-ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary-butyl ether

TPH = Total petroleum hydrocarbons

GRO = Gasoline-range organics

DRO = Diesel-range organics

TABLE 4
GROUNDWATER RECOVERY DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Month	Operating Days	Period Mass Total (pounds)	System Influent Dissolved BTEX Concentration (ug/l)	On-Site Wells Influent Dissolved MTBE Concentration (ug/l)	MW-17D Influent Dissolved MTBE Concentration (ug/l)	3017 Walnut Street Influent Dissolved MTBE Concentration (ug/l)	System Influent Dissolved MTBE Concentration (ug/l)	Period GW Discharge (000's) (gallons)	Period GW Discharge (gallons)	Cumulative GW Discharge (gallons)	Total BTEX Recovery (pounds)	MTBE Recovery (pounds)	Cumulative Dissolved MTBE Recovery	
													(pounds)	(gallons)
December-10	8	-	ND	-	9,280	-	9,280	128,389	128,389	128,389	NA	9.96	9.96	1,659
January-11	30	-	ND	-	3,460	-	3,460	583,604	583,604	711,993	NA	16.88	26.83	4,472
February-11	27	-	ND	-	1,360	-	1,360	582,264	582,264	1,294,257	NA	6.62	33.45	5,575
March-11	31	35.44	ND	7,590	131	-	364	655,503	655,503	1,949,760	NA	1.99	35.44	5,907
April-11	30	-	ND	9,800	234	-	980	651,119	651,119	2,600,879	NA	5.33	40.78	6,796
May-11	31	-	ND	-	-	-	1,460	708,678	708,678	3,309,557	NA	8.65	49.42	8,237
June-11	30	19.24	ND	10,600	227	-	1,000	629,072	629,072	3,938,629	NA	5.26	54.68	9,113
July-11	31	-	ND	4,990	99.3	-	363	658,044	658,044	4,596,673	NA	2.00	56.68	9,446
August-11	26	-	ND	6,820	151	-	962	689,293	689,293	5,285,966	NA	5.54	62.22	10,370
September-11	30	9.07	ND	7,430	83.8	-	360	508,737	508,737	5,794,703	NA	1.53	63.75	10,625
October-11	31	-	ND	9,650	43.0	2,080	545	778,863	778,863	6,573,566	NA	3.55	67.30	11,216
November-11	29	-	ND	494	109	1,500	90.2	609,173	609,173	7,182,739	NA	0.46	67.76	11,293
December-11	31	7.95	ND	8,510	93.0	1,330	692	682,747	682,747	7,865,486	NA	3.95	71.70	11,951
January-12	30	-	ND	5,260	45.6	-	463	472,085	472,085	8,337,571	NA	1.78	73.48	12,247
February-12	29	-	ND	677	135.0	754	498	431,835	431,835	8,769,406	NA	1.80	75.28	12,547
March-12	31	6.84	ND	857	43.2	352	894	436,945	436,945	9,206,351	NA	3.26	78.54	13,091
April-12	30	-	ND	977	38.4	2,210	710	657,188	657,188	9,863,539	NA	3.90	82.44	13,741
May-12	31	-	ND	181	11.4	-	565	508,439	508,439	10,371,978	NA	0.15	82.60	13,766
June-12	30	4.47	ND	638	35.7	-	569	329,849	329,849	10,701,827	NA	0.42	83.02	13,837
July-12	31	-	ND	697	43.2	-	767	290,122	290,122	10,991,949	NA	0.19	83.21	13,868
August-12	21	-	ND	357	140.0	-	145	301,437	301,437	11,293,386	NA	0.37	83.57	13,929
September-12	20	1.29	ND	1,800	226.0	753	445	198,161	198,161	11,491,547	NA	0.74	84.31	14,052
October-12	29	-	ND	1,390	128	730	289	371,487	371,487	11,863,034	NA	0.90	85.21	14,201
November-12	30	-	ND	-	-	-	-	416,741	416,741	12,279,775	NA	1.01	86.21	14,369
December-12	31	1.28	ND	714	26.7	122	138	334,573	334,573	12,614,348	NA	0.39	86.60	14,433
January-13	31	-	-	-	-	-	-	559,956	559,956	13,174,304	NA	0.65	87.24	14,541
February-13	26	-	-	-	3.88	-	-	142,612	142,612	13,316,916	NA	0.16	87.41	14,568
March-13	28	2.39	ND	2,610	5.68	1,130	1,180	159,987	159,987	13,476,903	NA	1.58	88.99	14,831
April-13	25	-	-	-	-	-	-	120,378	120,378	13,597,281	NA	1.19	90.17	15,029
May-13	18	-	-	-	-	-	-	290,351	290,351	13,887,632	NA	2.86	93.04	15,506
June-13	25	4.11	< 10.0	307	7.55	117	19	346,717	346,717	14,234,349	NA	0.06	93.09	15,516
July-13	31	-	-	-	-	-	-	332,500	332,500	14,566,849	NA	0.05	93.15	15,524
August-13	24	-	-	-	-	-	-	557,779	557,779	15,124,628	NA	0.09	93.24	15,540
September-13	20	0.14	< 5.00	446	1.21	< 2.00	< 1.00	110,615	110,615	15,235,243	NA	0.00	93.24	15,540
October-13	31	-	-	-	-	-	-	439,037	439,037	15,674,280	NA	0.00	93.24	15,540
November-13	30	-	-	-	-	-	-	442,108	442,108	16,116,388	NA	0.00	93.24	15,540
December-13	30	0.19	< 5.00	420	< 1.00	27.0	66.8	344,037	344,037	16,460,425	NA	0.19	93.43	15,572
January-14	31	-	-	-	-	-	-	307,754	307,754	16,768,179	NA	0.17	93.60	15,600
February-14	11	-	-	-	-	-	-	170,874	170,874	16,939,053	NA	0.10	93.70	15,616
March-14	1	0.27	< 5.00	93	4.86	2.99	61.5	1,130	1,130	16,940,183	NA	0.00	93.70	15,616

Notes:
BTEX = Benzene, toluene, ethylbenzene and xylenes
MTBE = Methyl-tertiary butyl-ether
Calculation used for pounds - gallons x 3.785 L/gal x ug/L BTEX x 2.208 x 10⁹ lbs/ug
Italics values indicate concentrations from previous readings for calculations purposes only.
Based on the number of samples collected during each month, the concentrations were averaged for reporting purposes.

TABLE 5
GROUNDWATER QUALITY REDUCTIONS
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Well	MTBE Concentrations (ug/l)		
	Historical High	Current (March 2014)	% Reduction
MW-1	87,000	315	99.64
MW-2	60,000	32	99.95
MW-3	5,200	58	98.88
MW-5	140,000	33	99.98
MW-8	190,000	440	99.77
MW-9	100,000	4.2	100.00
MW-10	5,840	0.5	99.99
MW-11	5,600	24.8	99.56
MW-15A	115	0.5	99.57
MW-15B	306	0.5	99.84
MW-17D	21,400	4.86	99.98
MW-18	13,300	0.5	100.00
MW-19A	2,060	17.1	99.17
MW-20B	861	4.01	99.53
MW-21D	3,030	7.44	99.75
MW-24A	1,580	0.5	99.97
MW-24B	871	0.5	99.94
MW-27A	862	0.5	99.94
MW-27B	2,260	3.60	99.84
MW-28	855	0.5	99.94
Total	641,140	947	99.85

Concentrations below laboratory reporting limit (1/2 the limit)

ug/l = micrograms per liter

MTBE = Methyl-tertiary butyl-ether

TABLE 5
GROUNDWATER QUALITY REDUCTIONS
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Well	MTBE Concentrations (ug/l)		
	Pre-Pumping (November 2010)	Current (March 2014)	% Reduction
MW-1	4,520	315	93.03
MW-2	3,260	31.5	99.03
MW-3	105	58.0	44.76
MW-5	9,220	32.6	99.65
MW-8	72,500	440	99.39
MW-9	20.0	4.23	78.85
MW-10	1.0	0.5	50.00
MW-15A	66.0	0.5	99.24
MW-15B	13.3	0.5	96.24
MW-17D	770	4.86	99.37
MW-18	6,160	0.5	99.99
MW-19A	2,060	17.1	99.17
MW-20B*	861	4.01	99.53
MW-21D*	540	7.44	98.62
MW-24A*	0.5	0.5	0.00
MW-24B*	51.9	0.5	99.04
MW-27A	591	0.5	99.92
MW-27B	2,260	3.60	99.84
MW-28	485	0.5	99.90
Total	103,485	922	99.11

Concentrations below laboratory reporting limit (1/2 the limit)
ug/l = micrograms per liter
MTBE = Methyl-tertiary butyl-ether

TABLE 6
AIR STRIPPER ANALYTICAL DATA SUMMARY - VAPOR EFFLUENT
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Sample Date	ANALYTES (mg/m ³)						
		Benzene	Toluene	Ethylbenzene	Xylenes, Total*	MTBE	THC as C1-C4	THC as Gas
ASAIREFF	12/20/10	< 0.32	< 0.38	< 0.44	< 0.88	26.8	< 1.5	23
	12/22/10	< 0.65	< 0.77	< 0.88	< 1.8	35.2	< 3.1	30.4
	12/27/10	< 0.32	< 0.38	< 0.44	< 0.88	21.3	< 1.5	21.7
	12/30/10	< 0.32	< 0.38	< 0.44	< 0.88	18	2.06	21.7
	01/03/11	< 0.32	< 0.38	< 0.44	< 0.88	16.9	< 3.3	16.5
	03/14/11	< 0.32	< 0.38	< 0.44	< 0.88	< 0.37	1.85	< 4.3
	06/06/11	< 0.62	< 0.73	< 0.84	< 1.6	< 0.7	3.29	< 8.2
	09/15/11	< 0.97	< 1.1	< 1.3	< 2.7	< 1.1	< 4.7	< 13
	12/08/11	< 1.0	< 1.2	< 1.4	< 4.2	< 1.2	6.27	46.9
	03/26/12	< 0.55	< 0.65	< 0.75	< 1.5	< 0.62	2.98	< 7.4
	06/11/12	< 0.32	< 0.38	< 0.44	< 0.88*	< 0.37	2.16 ¹	< 4.3
	09/24/12	< 0.32	< 0.38	< 0.44	< 0.88*	0.44	< 1.5	< 4.3
	12/13/12	< 0.55	< 0.65	< 0.75	< 1.5*	< 0.62	22.6	< 7.4
	03/14/13	< 0.55	< 0.65	< 0.75	< 1.5*	< 0.62	3.08	< 7.4
	06/10/13	< 0.32	< 0.38	< 0.44	< 0.88	< 0.37	< 2.7	< 4.3
	09/24/13	< 0.32	< 0.38	< 0.44	< 1.32*	< 0.37	< 3.1	< 4.3
12/12/13	< 0.55	< 0.65	< 0.75	< 1.5*	< 0.62	< 5.1	< 7.4	

MTBE = Methyl-tertiary butyl-ether

< = analyte not detected at or above the specified laboratory detection limit

mg/m³ = milligrams per cubic meter

All samples analyzed by method TO-3.

*= Total xylene represents the sum of o- xylene and m&p xylenes with the highest detection limit used in the case of non-detect.

¹ = Tedlar bag received outside 48 hours from collection.

TABLE 7
AIR STRIPPER VAPOR RECOVERY DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Month	Operating Days	Quarterly TPH Removed (pounds)	Influent Air Flow (scfm)	Effluent Air Flow (scfm)	TPH Recovery (pounds/day)	TPH Recovery (gallons/day)	TPH Discharge (pounds/day)	Influent TPH Concentrations (mg/m ³)	Effluent TPH Concentration (mg/m ³)	TPH Recovery (pounds)	Cumulative TPH Recovery	
											(pounds)	(pounds)
December-10	8	-	392.5	392.5	0.81	0.14	0.00	23.00	0.0	6.50	6.50	1.08
January-11	30	-	451.4	451.4	0.67	0.11	0.00	16.50	0.0	20.11	26.61	4.43
February-11	27	-	426.8	426.8	0.54	0.09	0.54	3.55	NA	14.46	41.07	6.85
March-11	31	42.49	392.5	392.5	0.05	0.01	0.05	0.33	NA	1.42	42.49	7.08
April-11	30	-	384.7	384.7	0.00	0.00	0.00	0.00	NA	0.00	42.49	7.08
May-11	31	-	412.1	412.1	0.00	0.00	0.00	0.00	NA	0.00	42.49	7.08
June-11	30	0.00	559.3	559.3	0.00	0.00	0.00	< 8.2	NA	0.00	42.49	7.08
July-11	31	-	536.4	536.4	0.00	0.00	0.00	0.00	NA	0.00	42.49	7.08
August-11	26	-	588.8	588.8	0.00	0.00	0.00	0.00	NA	0.00	42.49	7.08
September-11	30	0.00	340.2	340.2	0.00	0.00	0.00	< 13	NA	0.00	42.49	7.08
October-11	31	-	431.8	431.8	0.00	0.00	0.00	0.00	NA	0.00	42.49	7.08
November-11	29	-	431.8	431.8	0.00	0.00	0.00	0.00	NA	0.00	42.49	7.08
December-11	31	56.49	431.8	431.8	1.82	0.30	1.82	46.90	NA	56.49	98.98	16.50
January-12	30	-	431.8	431.8	0.00	0.00	0.00	0.00	NA	0.00	98.98	16.50
February-12	29	-	549.5	549.5	0.00	0.00	0.00	0.00	NA	0.00	98.98	16.50
March-12	31	0.00	510.3	510.3	0.00	0.00	0.00	< 7.4	NA	0.00	98.98	16.50
April-12	30	-	549.5	549.5	0.00	0.00	0.00	0.00	NA	0.00	98.98	16.50
May-12	31	-	549.5	549.5	0.00	0.00	0.00	0.00	NA	0.00	98.98	16.50
June-12	30	0.00	549.5	549.5	0.00	0.00	0.00	< 4.3	NA	0.00	98.98	16.50
July-12	31	-	549.5	549.5	0.00	0.00	0.00	0.00	NA	0.00	98.98	16.50
August-12	21	-	588.8	588.8	0.00	0.00	0.00	0.00	NA	0.00	98.98	16.50
September-12	20	1.83	588.8	588.8	0.09	0.02	0.09	0.44	NA	1.83	100.82	16.80
October-12	29	-	639.8	639.8	0.00	0.00	0.00	0.00	NA	0.00	100.82	16.80
November-12	30	-	639.8	639.8	0.00	0.00	0.00	0.00	NA	0.00	100.82	16.80
December-12	31	32.18	510.3	510.3	1.04	0.17	1.04	22.60	NA	32.18	132.99	22.17
January-13	31	-	628.0	628.0	0.00	0.00	0.00	0.00	NA	0.00	132.99	22.17
February-13	26	-	314.0	314.0	0.00	0.00	0.00	0.00	NA	0.00	132.99	22.17
March-13	28	3.66	471.0	471.0	0.13	0.02	0.13	3.08	NA	3.66	136.65	22.77
April-13	25	-	471.0	471.0	0.00	0.00	0.00	0.00	NA	0.00	136.65	22.77
May-13	18	-	490.6	490.6	0.00	0.00	0.00	0.00	NA	0.00	136.65	22.77
June-13	25	0.00	549.5	549.5	0.00	0.00	0.00	0.00	NA	0.00	136.65	22.77
July-13	31	-	549.5	549.5	0.00	0.00	0.00	0.00	NA	0.00	136.65	22.77
August-13	24	-	588.8	588.8	0.00	0.00	0.00	0.00	NA	0.00	136.65	22.77
September-13	20	0.00	510.3	510.3	0.00	0.00	0.00	0.00	NA	0.00	136.65	22.77
October-13	31	-	588.8	588.8	0.00	0.00	0.00	0.00	NA	0.00	136.65	22.77
November-13	30	-	523.3	523.3	0.00	0.00	0.00	0.00	NA	0.00	136.65	22.77
December-13	30	0.00	471.0	471.0	0.00	0.00	0.00	0.00	NA	0.00	136.65	22.77
January-14	31	-	588.8	588.8	0.00	0.00	0.00	0.00	NA	0.00	136.65	22.77
February-14	30	-	523.3	523.3	0.00	0.00	0.00	0.00	NA	0.00	136.65	22.77
March-14	14	0.00	471.0	471.0	0.00	0.00	0.00	0.00	NA	0.00	136.65	22.77

Notes:

scfm - standard cubic feet per minute

TPH = Total Petroleum Hydrocarbons (C₅-C₁₀)

mg/m³ = milligrams per meter cubed

ppm-v = parts per million by volume

PID = photoionization detector

Bold values indicate concentrations collected using a PID and are reported in ppm-v

Pounds per day calculation (analytical data) - flow in scfm x 6.2486 x 10⁻⁸(m³ x lb)/(ft³ x mg) x mg/m³ of TPH (C₅-C₁₀) x 1440 min/day

Pounds per day calculation (field data) - flow in scfm x 95 lb/mol x ppm-v from PID x 1440 min/day / 387 x 10⁶

Pounds calculation - multiply pounds per day by the number of days of operation

Gallons calculation - cumulative pounds x (1 gal TPH/6 lbs TPH)

TABLE 8
SOIL VAPOR EXTRACTION ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Sample Date	Analytes of Concern (mg/m ³)						
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	C ₁ -C ₄ Hydrocarbons	C ₄ -C ₁₀ Hydrocarbons
MW-5	01/19/09	< 2	< 3	< 2	< 3	3.6	< 3.6	4.9 J
SVE-1	01/20/09	< 2	< 3	< 2	< 3	< 1.4	< 3.6	< 3.5
SVE COMB	02/27/09	< 0.32	1.34	0.618	4.15	1.83	< 1.5	46.9
	03/04/09	< 0.32	1.76	0.971	5.79*	3.59	< 3.1	51.7
	03/10/09	< 0.55	2.53	2.6	12.45*	3.3	5.34	27.8
	03/12/09	0.81	4.21	2.03	13.82*	4.76	< 2.7	92
	08/07/09	< 0.32	< 0.38	< 0.44	< 0.88*	< 0.37	1.75	< 4.3
	02/01/10	< 0.32	< 0.38	< 0.44	2.03*	< 0.37	< 1.5	< 4.3
	† 09/14/10	< 0.88	< 1	< 1.2	1.63*	< 0.99	< 4.2	< 12
	† 04/01/11	< 0.32	1.69	< 0.44	< 0.88 *	< 0.37	< 1.5	< 4.3
	† 04/04/11	< 0.32	< 0.38	< 0.44	< 0.88 *	< 0.37	< 1.5	< 4.3
	† 04/11/11	< 0.65	< 0.77	< 0.88	< 1.8 *	< 0.73	< 3.1	< 8.7
	† 06/06/11	< 0.55	< 0.65	< 0.75	< 1.5 *	< 0.62	< 2.6	< 7.4
	† 09/15/11	< 1.3	< 1.53	< 1.77	< 5.26 *	< 1.47	< 6.06	< 17.36
	† 12/08/11	< 1.1	< 1.3	< 1.5	< 4.5	< 1.2	< 5.2	36
	† 03/26/12	< 0.71	< 0.84	< 0.97	< 1.9	< 0.81	9.97	< 9.5
† 06/11/12	< 0.32	< 0.38	< 0.44	< 0.88*	< 0.37	1.95 [†]	< 4.3	

TABLE 8
SOIL VAPOR EXTRACTION ANALYTICAL DATA SUMMARY
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Location ID	Sample Date	Analytes of Concern (mg/m ³)						
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	C ₁ -C ₄ Hydrocarbons	C ₄ -C ₁₀ Hydrocarbons
TF INF	04/27/09	< 0.32	< 0.38	< 0.44	1.5*	< 0.37	4.52	21.3
	04/30/09	< 0.62	< 0.73	< 0.84	2.82*	< 0.7	< 2.9	< 8.2
	05/04/09	< 0.32	< 0.38	< 0.44	< 0.88*	< 0.37	2.06	< 4.3
	05/07/09	< 0.62	< 0.73	< 0.84	2.38*	< 0.7	< 3	< 8.2
	08/07/09	< 0.32	< 0.38	< 0.44	< 0.88*	< 0.37	1.64	< 4.3
	02/04/10	< 0.75	< 0.88	< 1	< 2*	< 0.84	< 3.5	< 10
	† 08/26/10	< 0.65	5.36	< 0.88	3.311 *	< 0.73	< 3.1	< 8.7
	† 04/01/11	< 0.32	< 0.38	< 0.44	< 0.88 *	< 0.37	< 1.5	< 4.3
	† 04/04/11	< 0.32	< 0.38	< 0.44	< 0.88 *	< 0.37	< 1.5	< 4.3
	† 04/11/11	< 0.62	< 0.73	< 0.84	< 1.6 *	< 0.7	< 2.9	< 8.2

MTBE = Methyl-tertiary butyl-ether

J = estimated value

< = analyte not detected at or above the specified laboratory detection limit

Air samples analyzed by EPA Method 18 and EPA Method 25.

Concentration in mg/m³ = milligrams per cubic meter

*= Total xylene represents the sum of o- xylene and m&p xylenes with the highest detection limit used in the case of non-detect.

† = Analysis performed by method TO-3

¹ = Tedlar bag received outside 48 hours from collection.

TABLE 9
SOIL VAPOR EXTRACTION RECOVERY DATA - MONITORING WELLS
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Date	Operating Days	Quarterly Gasoline Hydrocarbon Mass Removed (pounds)	Air Flow (scfm)	Influent TPH Concentrations (ppm-v)	Effluent TPH Concentrations (ppm-v)	TPH Influent Laboratory Concentrations (mg/m ³)	PID Response Factor	TPH Recovery (pounds/day)	TPH Discharge (pounds/day)	TPH Recovery (pounds)	Cumulative TPH Recovery
											(pounds)
02/27/09	2	6.43	198.50	52.3	0.0	46.9	0.9	3.21	0.00	6.43	6.43
03/01/09	2		198.50	52.3	0.0		0.9	3.21	0.00	6.43	12.85
03/03/09	1		196.34	51.3	0.0		0.9	3.12	0.00	3.12	15.97
03/04/09	1		202.89	50.8	0.0	51.7	1.02	3.62	0.00	3.62	19.59
03/05/09	1		191.98	47.3	0.0		1.02	3.19	0.00	3.19	22.78
03/06/09	3		218.16	50.1	0.0		1.02	3.84	0.00	11.52	34.29
03/09/09	1		218.16	50.3	0.0		1.02	3.85	0.00	3.85	38.15
03/10/09	1		207.25	46.3	0.0	27.8	0.6	1.99	0.00	1.99	40.14
03/11/09	1		218.16	52.3	0.0		0.6	2.36	0.00	2.36	42.50
03/12/09	21		207.25	55.1	0.0	92.0	1.7	6.58	0.00	138.19	180.69
04/02/09	42		174.53	9.2	0.0		1.7	0.93	0.00	38.86	219.55
05/14/09	18	213.12	207.25	0.0	0.0		1.7	0.00	0.00	0.00	219.55
06/01/09	3		207.25	0.0	0.0		1.7	0.00	0.00	0.00	219.55
06/04/09	7		196.34	0.0	0.0		1.7	0.00	0.00	0.00	219.55
06/18/09	0		0.00	0.0	0.0		1.7	0.00	0.00	0.00	219.55
07/08/09	0		0.00	0.0	0.0		1.7	0.00	0.00	0.00	219.55
08/07/09	25	0.00	218.16	0.0	0.0	0.0	1.0	0.00	0.00	0.00	219.55
09/01/09	8		218.16	0.0	0.0		1.0	0.00	0.00	0.00	219.55
09/09/09	30		218.16	0.0	0.0		1.0	0.00	0.00	0.00	219.55
10/09/09	46		218.16	0.0	0.0		1.0	0.00	0.00	0.00	219.55
11/24/09	7	0.00	218.16	0.0	0.0		1.0	0.00	0.00	0.00	219.55
12/01/09	15		218.16	0.0	0.0		1.0	0.00	0.00	0.00	219.55
12/15/10	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	219.55
02/01/10	28	0.00	185.30	0.0	0.0	0.0	1.0	0.00	0.00	0.00	219.55
03/01/10	5		185.30	0.0	0.0		1.0	0.00	0.00	0.00	219.55
03/05/10	25		218.00	0.0	0.0		1.0	0.00	0.00	0.00	219.55
04/23/10	0	0.00	0.00	0.0	0.0	0.0	1.0	0.00	0.00	0.00	219.55
06/01/10	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	219.55
07/01/10	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	219.55
08/01/10	0	0.00	0.00	0.0	0.0		1.0	0.00	0.00	0.00	219.55
09/01/10	18		218.16	0.0	0.0	0.0	1.0	0.00	0.00	0.00	219.55
10/01/10	31		152.71	0.0	0.0		1.0	0.00	0.00	0.00	219.55
11/01/10	4	0.00	152.71	0.0	0.0		1.0	0.00	0.00	0.00	219.55
12/01/10	0		0.00	0.0	0.0	0.0	1.0	0.00	0.00	0.00	219.55
01/01/11	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	219.55

TABLE 9
SOIL VAPOR EXTRACTION RECOVERY DATA - MONITORING WELLS
SHEETZ STORE #177
3281 MAIN STREET
MANCHESTER, MARYLAND

Date	Operating Days	Quarterly Gasoline Hydrocarbon Mass Removed (pounds)	Air Flow (scfm)	Influent TPH Concentrations (ppm-v)	Effluent TPH Concentrations (ppm-v)	TPH Influent Laboratory Concentrations (mg/m ³)	PID Response Factor	TPH Recovery (pounds/day)	TPH Discharge (pounds/day)	TPH Recovery (pounds)	Cumulative TPH Recovery
											(pounds)
02/01/11	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	219.55
03/01/11	0	0.00	0.00	0.0	0.0		1.0	0.00	0.00	0.00	219.55
04/01/11	19		152.60	0.0	0.0		1.0	0.00	0.00	0.00	219.55
05/01/11	16		152.60	0.0	0.0		1.0	0.00	0.00	0.00	219.55
06/01/11	10	0.00	152.60	0.0	0.0	0.0	1.0	0.00	0.00	0.00	219.55
07/01/11	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	219.55
08/01/11	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	219.55
09/01/11	18	0.00	141.70	0.0	0.0	0.0	1.0	0.00	0.00	0.00	219.55
10/01/11	18		98.10	0.0	0.0		1.0	0.00	0.00	0.00	219.55
11/01/11	30		130.80	0.0	0.0		1.0	0.00	0.00	0.00	219.55
12/01/11	31	12.04	119.90	0.0	0.0	36.0	1.0	0.39	0.39	12.04	231.59
01/01/12	13		109.00	0.0	0.0		1.0	0.00	0.00	0.00	231.59
02/01/12	11		98.10	0.0	0.0		1.0	0.00	0.00	0.00	231.59
03/01/12	31	0.16	152.60	0.1	0.1	0.0	1.0	0.01	0.01	0.16	231.75
04/01/12	28		163.50	0.0	0.0		1.0	0.00	0.00	0.00	231.75
05/01/12	4		163.50	0.0	0.0		1.0	0.00	0.00	0.00	231.75
06/01/12	21	0.00	196.20	0.0	0.0	0.0	1.0	0.00	0.00	0.00	231.75
07/01/12	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
08/01/12	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
09/01/12	0	0.00	0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
10/01/12	13		174.50	0.0	0.0		1.0	0.00	0.00	0.00	231.75
11/01/12	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
12/01/12	0	0.00	0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
01/01/13	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
02/01/13	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
03/01/13	0	0.00	0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
04/01/13	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
05/01/13	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
06/01/13	0	0.00	0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
07/01/13	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
08/01/13	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
09/01/13	0	0.00	0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
10/01/13	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
11/01/13	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
12/01/13	0	0.00	0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
01/01/14	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
02/01/14	0		0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75
03/01/14	0	0.00	0.00	0.0	0.0		1.0	0.00	0.00	0.00	231.75

TPH = Total petroleum hydrocarbons
scfm = standard cubic feet per minute
ppm-v = parts per million by volume
mg/m³ = milligrams per cubic meter
Calculation for pounds - multiply pounds per days by the number of days of operation

ATTACHMENT I

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

Fairway Laboratories #4A07053
Fairway Laboratories #4A24047
Fairway Laboratories #4B07110
Fairway Laboratories #4B28073
Fairway Laboratories #4C05106
Fairway Laboratories #4C07088
Fairway Laboratories #4C07090
Fairway Laboratories #4C11067
Fairway Laboratories #4C11068
Fairway Laboratories #4C11069
Fairway Laboratories #4C14033
Fairway Laboratories #4C14035
Fairway Laboratories #4C18002
Fairway Laboratories #4C18004
Fairway Laboratories #4C18005
Fairway Laboratories #4C18007



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State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:4B
 Collector: EM
 Number of Containers: 2
Reported:
 01/14/14 08:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
LGACEFF0106141225	4A07053-01	Water	Grab	01/06/14 12:25	01/07/14 15:40

Client Sample ID: LGACEFF0106141225

Date/Time Sampled: 01/06/14 12:25

Laboratory Sample ID: 4A07053-01 (Water/Grab)

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

Benzene	<1.00		1.00	ug/l	01/08/14 21:55	EPA 8260B	mtc	
Toluene	<1.00		1.00	ug/l	01/08/14 21:55	EPA 8260B	mtc	
Ethylbenzene	<1.00		1.00	ug/l	01/08/14 21:55	EPA 8260B	mtc	
Xylenes (total)	<2.00		2.00	ug/l	01/08/14 21:55	EPA 8260B	mtc	
Methyl tert-butyl ether	<1.00		1.00	ug/l	01/08/14 21:55	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	91.8 %		70-130		01/08/14 21:55	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	93.9 %		70-130		01/08/14 21:55	EPA 8260B	mtc	
Surrogate: Fluorobenzene	98.0 %		70-130		01/08/14 21:55	EPA 8260B	mtc	

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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

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



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Project: SHEETZ MANCHESTER
 Project Number: 2486 T:4B
 Collector: EM
 Number of Containers: 2
Reported:
 01/14/14 08:21

Definitions

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

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

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

MBAS, calculated as LAS, mol wt 320

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.

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

- * P indicates analysis performed by Fairway Laboratories, Inc. at the Pennsdale location. This location is PaDEP Chapter 252 certified.
- < Represents "less than" - indicates that the result was less than the reporting limit.
- MDL Method Detection Limit - is the lowest or minimum level that provides 99% confidence level that the analyte is detected. Any reported result values that are less than the RL are considered estimated values.
- RL Reporting Limit - is the lowest or minimum level at which the analyte can be quantified.
- [CALC] Indicates a calculated result. Calculations use results from other analyses performed under accredited methods.

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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

2019 9th Ave.
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FAIRWAY LABORATORIES
Environmental Laboratory

89 Kristi Rd
Penssdale, PA 17756
Phone: (570) 494-6380

4A-09053-01

COC # _____
Page 1 of 1

Client Name: <u>Environmentals/ Alliance</u> Address: <u>1035 Beaufield Blvd, suite H</u> <u>Millersville, MD 21108</u> Contact: <u>Cari Each</u> Phone #: <u>410-729-9000</u> Fax #: <u>410-729-9001</u> Project Name: <u>Muchisto sheets</u> Quote/PO #: <u>2486 T: 48/PO# 7703</u>		Received on ice? Y <input type="checkbox"/> N <input type="checkbox"/> Sample Temp: _____ PWSID # _____		Reportable to PADEP? Yes <input type="checkbox"/> No <input type="checkbox"/> GRAB -0- GRAB Composite End		Matrix Solid _____ Water <input checked="" type="checkbox"/> Other _____		Analyses Requested <u>BTEX/MTBE (8260)</u>		LAB USE ONLY FedEx _____ USPS _____ UPS _____ Other _____ Tracking # _____	
TAT: Normal <input type="checkbox"/> Rush <input checked="" type="checkbox"/> 5 DAY TAT Rush TAT subject to pre-approval and surcharge Date Required: ___/___/___		GRAB Composite		Composite Start Start Date: _____ Start Time: _____ End Date: _____ End Time: _____		Composite End Start Date: _____ Start Time: _____ End Date: _____ End Time: _____		# of Containers <u>2</u>		Bottle Type/Comments	
Sample Description/Location <u>LGAC EPF</u>		<input checked="" type="checkbox"/>		<u>1/6/14</u>		<u>12:25</u>					
Sampled by: <u>Evan McMillan</u> Date: <u>1/6/14</u> Time: <u>13:00</u>		Received by: <u>Cari Each</u> Date: <u>1/2/14</u> Time: <u>11:50</u>									
Relinquished by: <u>Cari Each</u> Date: <u>1/2/14</u> Time: <u>15:00</u>		Received by: _____ Date: _____ Time: _____									
Relinquished by: _____ Date: _____ Time: _____		Received by: _____ Date: _____ Time: _____									
Relinquished by: _____ Date: _____ Time: _____		Received by: _____ Date: _____ Time: _____									
Remarks											

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

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



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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:4B
 Collector: EM
 Number of Containers: 2
Reported:
 01/30/14 08:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
LGACEFF0123141035	4A24047-01	Water	Grab	01/23/14 10:35	01/24/14 16:30

Client Sample ID: LGACEFF0123141035

Date/Time Sampled: 01/23/14 10:35

Laboratory Sample ID: 4A24047-01 (Water/Grab)

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

Benzene	<1.00		1.00	ug/l	01/28/14 04:43	EPA 8260B	wlm	
Toluene	<1.00		1.00	ug/l	01/28/14 04:43	EPA 8260B	wlm	
Ethylbenzene	<1.00		1.00	ug/l	01/28/14 04:43	EPA 8260B	wlm	
Xylenes (total)	<2.00		2.00	ug/l	01/28/14 04:43	EPA 8260B	wlm	
Methyl tert-butyl ether	<1.00		1.00	ug/l	01/28/14 04:43	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	97.1 %		70-130		01/28/14 04:43	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	100 %		70-130		01/28/14 04:43	EPA 8260B	wlm	
Surrogate: Fluorobenzene	102 %		70-130		01/28/14 04:43	EPA 8260B	wlm	

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:4B
 Collector: EM
 Number of Containers: 2
Reported:
 01/30/14 08:24

Definitions

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

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

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

MBAS, calculated as LAS, mol wt 320

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.

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

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

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

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

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

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

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4A24049-01
COC #
Page 1 of 1

Client Name: <u>Environmental Alliance</u> Address: <u>1035 Benfield Blvd, Suite H</u> <u>Millersville, MD 21108</u> Contact: <u>Cari Finch</u> Phone #: <u>410-729-9000</u> Fax #: <u>410-729-9001</u> Project Name: <u>Manchester Sheetz</u> Quote/PO #: <u>2486 T: 40/PO# 7813</u>		Received on ice? Y <input type="checkbox"/> N <input type="checkbox"/> Sample Temp: _____ Reportable to PADEP? Yes <input type="checkbox"/> PWSID # _____		GRAB <input checked="" type="checkbox"/> Composite <input type="checkbox"/> TAT: Normal <input type="checkbox"/> Rush <input checked="" type="checkbox"/> ^{5 Day} TAT Rush TAT subject to pre-approval and surcharge. Date Required: ___/___/___		Matrix Solid <input type="checkbox"/> Water <input type="checkbox"/> Other <input type="checkbox"/> # of Containers <u>2</u>		Analyses Requested <u>BTEX/MTBE (8260)</u>		LAB USE ONLY FedEx <input type="checkbox"/> USPS <input type="checkbox"/> UPS <input type="checkbox"/> Other <input type="checkbox"/> Tracking # _____	
Sample Description/Location	GRAB	Composite	Start Date	Start Time	End Date	End Time	Solid	Water	Other	# of Containers	Remarks
LGAC EFF	X		1/23/14	10:35				X		2	
Sampled by: <u>Evan McMullen</u>	Date: <u>1/23/14</u>	Time: <u>11:15</u>	Received by: <u>Evan McMullen</u>	Date: <u>1/23/14</u>	Time: <u>15:00</u>						
Relinquished by: <u>[Signature]</u>	Date: <u>1/24/14</u>	Time: <u>15:00</u>	Received by: <u>[Signature]</u>	Date: <u>1/24/14</u>	Time: <u>15:00</u>						
Relinquished by: <u>[Signature]</u>	Date: <u>1/24/14</u>	Time: <u>16:30</u>	Received by: <u>[Signature]</u>	Date: <u>1/24/14</u>	Time: <u>16:30</u>						

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:4B/PO#7894
 Collector: EM
 Number of Containers: 2
Reported:
 02/14/14 08:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
LGACEFF0204141157	4B07110-01	Water	Grab	02/04/14 11:57	02/07/14 17:15

Client Sample ID: LGACEFF0204141157

Date/Time Sampled: 02/04/14 11:57

Laboratory Sample ID: 4B07110-01 (Water/Grab)

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

Benzene	<1.00		1.00	ug/l	02/11/14 03:03	EPA 8260B	mtc	
Toluene	<1.00		1.00	ug/l	02/11/14 03:03	EPA 8260B	mtc	
Ethylbenzene	<1.00		1.00	ug/l	02/11/14 03:03	EPA 8260B	mtc	
Xylenes (total)	<2.00		2.00	ug/l	02/11/14 03:03	EPA 8260B	mtc	
Methyl tert-butyl ether	<1.00		1.00	ug/l	02/11/14 03:03	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	93.1 %		70-130		02/11/14 03:03	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	101 %		70-130		02/11/14 03:03	EPA 8260B	mtc	
Surrogate: Fluorobenzene	98.4 %		70-130		02/11/14 03:03	EPA 8260B	mtc	

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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Environmental Alliance
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:4B/PO#7894
 Collector: EM
 Number of Containers: 2
Reported:
 02/14/14 08:44

Definitions

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

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

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

MBAS, calculated as LAS, mol wt 348

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

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

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- 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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Environmental Laboratory

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4207 110-01
COC #
Page 1 of 1

Client Name: <u>Fairway/Allstate</u> Address: <u>1035 Rockfield Blvd, Suite H</u> <u>Millsville, MD 21108</u> Contact: <u>Cos. Franch</u> Phone #: <u>410-729-9000</u> Fax #: <u>410-729-9001</u> Project Name: <u>Manchester Sheds 7894</u> Quote/PO #: <u>2486 T: 4R/10" 7894</u>		Received on ice? Y N Sample Temp: _____ PWSID # _____		Reportable to PADEP? Yes <input type="checkbox"/> No <input type="checkbox"/>	
TAT: Normal <input type="checkbox"/> Rush <input checked="" type="checkbox"/> 5 DAY TAT Rush TAT subject to pre-approval and surcharge. Date Required: ___/___/___		GRAB Composite		GRAB -01- Composite End	
Sample Description/Location <u>LEAC EFF</u>		Start Date ___/___/___ Start Time ___:___		End Date ___/___/___ End Time ___:___	
Matrix Solid <input type="checkbox"/> Water <input checked="" type="checkbox"/> Other <input type="checkbox"/>		# of Containers <u>2</u>		Analyses Requested <u>ATEX/MIBE (8260)</u>	
Relinquished by: <u>Evon M. Mullen</u>		Received by: <u>Tc Hughes</u>		LAB USE ONLY FedEx <input type="checkbox"/> USPS <input type="checkbox"/> UPS <input type="checkbox"/> Other <input type="checkbox"/> Tracking # _____	
Relinquished by: <u>Tc Hughes</u>		Received by: <u>Tc Hughes</u>		Bottle Type/Comments	
Relinquished by: _____		Received by: <u>OR</u>		Remarks	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:4B/PO#10089
 Collector: MP
 Number of Containers: 2
 Reported: 03/07/14 08:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
LGACEFF0227140905	4B28073-01	Water	Grab	02/27/14 09:05	02/28/14 16:55

Client Sample ID: LGACEFF0227140905

Date/Time Sampled: 02/27/14 09:05

Laboratory Sample ID: 4B28073-01 (Water/Grab)

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

Benzene	<1.00		1.00	ug/l	03/05/14 10:13	EPA 8260B	wlm	
Toluene	<1.00		1.00	ug/l	03/05/14 10:13	EPA 8260B	wlm	
Ethylbenzene	<1.00		1.00	ug/l	03/05/14 10:13	EPA 8260B	wlm	
Xylenes (total)	<2.00		2.00	ug/l	03/05/14 10:13	EPA 8260B	wlm	
Methyl tert-butyl ether	<1.00		1.00	ug/l	03/05/14 10:13	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene		101 %			03/05/14 10:13	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4		118 %			03/05/14 10:13	EPA 8260B	wlm	
Surrogate: Fluorobenzene		109 %			03/05/14 10:13	EPA 8260B	wlm	

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:4B/PO#10089
 Collector: MP
 Number of Containers: 2
Reported:
 03/07/14 08:24

Definitions

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

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

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

MBAS, calculated as LAS, mol wt 348

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

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

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 TASK 4B
 Collector: MP
 Number of Containers: 2
 Reported: 03/12/14 08:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
LGACEFF0304141445	4C05106-01	Water	Grab	03/04/14 14:45	03/05/14 16:35

Client Sample ID: LGACEFF0304141445

Date/Time Sampled: 03/04/14 14:45

Laboratory Sample ID: 4C05106-01 (Water/Grab)

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

Benzene	<1.00		1.00	ug/l	03/06/14 19:31	EPA 8260B	mtc	
Toluene	<1.00		1.00	ug/l	03/06/14 19:31	EPA 8260B	mtc	
Ethylbenzene	<1.00		1.00	ug/l	03/06/14 19:31	EPA 8260B	mtc	
Xylenes (total)	<2.00		2.00	ug/l	03/06/14 19:31	EPA 8260B	mtc	
Methyl tert-butyl ether	<1.00		1.00	ug/l	03/06/14 19:31	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	91.9 %		70-130		03/06/14 19:31	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	110 %		70-130		03/06/14 19:31	EPA 8260B	mtc	
Surrogate: Fluorobenzene	104 %		70-130		03/06/14 19:31	EPA 8260B	mtc	

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Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 TASK 4B
 Collector: MP
 Number of Containers: 2
Reported:
 03/12/14 08:16

Definitions

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

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MBAS, calculated as LAS, mol wt 348

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 6
Reported:
 03/14/14 09:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW20B0305141320	4C07088-01	Water	Grab	03/05/14 13:20	03/07/14 14:20
MW20A0305141340	4C07088-02	Water	Grab	03/05/14 13:40	03/07/14 14:20
MW25D0305141530	4C07088-03	Water	Grab	03/05/14 15:30	03/07/14 14:20

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 6
 Reported: 03/14/14 09:07

Client Sample ID: MW20B0305141320

Date/Time Sampled: 03/05/14 13:20

Laboratory Sample ID: 4C07088-01 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	
Benzene	<1.00	1.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	
Toluene	<1.00	1.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	
Ethylbenzene	<1.00	1.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	
Isopropylbenzene	<1.00	1.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	
Methyl tert-butyl ether	4.01	1.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	
Naphthalene	<1.00	1.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	
tert- amyl alcohol	<5.00	5.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	
Acrylonitrile	<10.0	10.0		ug/l	03/10/14 17:25	EPA 8260B	wlm	
Bromobenzene	<1.00	1.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	
Bromochloromethane	<1.00	1.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	
Bromodichloromethane	<1.00	1.00		ug/l	03/10/14 17:25	EPA 8260B	wlm	

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Environmental Alliance
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 6
 Reported: 03/14/14 09:07

Client Sample ID: MW20B0305141320

Date/Time Sampled: 03/05/14 13:20

Laboratory Sample ID: 4C07088-01 (Water/Grab)

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

Bromoform	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
Bromomethane	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
sec-Butylbenzene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
tert-Butylbenzene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
n-Butylbenzene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
Carbon disulfide	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
Chlorobenzene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
Chloroethane	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
Chloroform	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
Chloromethane	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
4-Chlorotoluene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
2-Chlorotoluene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
Dibromochloromethane	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
Dibromomethane	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
trans-1,4-Dichloro-2-butene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
1,2-Dichlorobenzene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm

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 PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 6
 Reported: 03/14/14 09:07

Client Sample ID: MW20B0305141320

Date/Time Sampled: 03/05/14 13:20

Laboratory Sample ID: 4C07088-01 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
1,3-Dichlorobenzene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
Dichlorodifluoromethane	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
1,2-Dichloroethane	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
1,1-Dichloroethane	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
trans-1,2-Dichloroethene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
1,1-Dichloroethene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
2,2-Dichloropropane	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
1,3-Dichloropropane	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
1,2-Dichloropropane	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
1,1-Dichloropropene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
Hexachlorobutadiene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
p-Isopropyltoluene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
Methylene chloride	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm
n-Propylbenzene	<1.00	1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 6
 Reported: 03/14/14 09:07

Client Sample ID: MW20B0305141320

Date/Time Sampled: 03/05/14 13:20

Laboratory Sample ID: 4C07088-01 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/10/14 17:25	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene		105 %	70-130		03/10/14 17:25	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130		03/10/14 17:25	EPA 8260B	wlm	
Surrogate: Fluorobenzene		107 %	70-130		03/10/14 17:25	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 6
 Reported: 03/14/14 09:07

Client Sample ID: MW20A0305141340

Date/Time Sampled: 03/05/14 13:40

Laboratory Sample ID: 4C07088-02 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Benzene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Toluene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Ethylbenzene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Isopropylbenzene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Methyl tert-butyl ether	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Naphthalene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
tert- amyl alcohol	<5.00	5.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
tert- amyl ethyl ether	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Tert-amyl methyl ether	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Tert-butyl alcohol	<5.00	5.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Diisopropylether (DIPE)	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Ethyl tert-butyl ether	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Acrylonitrile	<10.0	10.0	ug/l	03/10/14 16:57	EPA 8260B	wlm
Bromobenzene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Bromochloromethane	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Bromodichloromethane	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 6
 Reported: 03/14/14 09:07

Client Sample ID: MW20A0305141340

Date/Time Sampled: 03/05/14 13:40

Laboratory Sample ID: 4C07088-02 (Water/Grab)

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

Bromoform	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Bromomethane	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
sec-Butylbenzene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
tert-Butylbenzene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
n-Butylbenzene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Carbon disulfide	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Chlorobenzene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Chloroethane	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Chloroform	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Chloromethane	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
4-Chlorotoluene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
2-Chlorotoluene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Dibromochloromethane	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Dibromomethane	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
trans-1,4-Dichloro-2-butene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
1,2-Dichlorobenzene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm

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Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 6
 Reported: 03/14/14 09:07

Client Sample ID: MW20A0305141340

Date/Time Sampled: 03/05/14 13:40

Laboratory Sample ID: 4C07088-02 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
1,3-Dichlorobenzene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Dichlorodifluoromethane	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
1,2-Dichloroethane	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
1,1-Dichloroethane	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
trans-1,2-Dichloroethene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
1,1-Dichloroethene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
2,2-Dichloropropane	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
1,3-Dichloropropane	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
1,2-Dichloropropane	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
1,1-Dichloropropene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Hexachlorobutadiene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
p-Isopropyltoluene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
Methylene chloride	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm
n-Propylbenzene	<1.00	1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm

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Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 6
 Reported: 03/14/14 09:07

Client Sample ID: MW20A0305141340

Date/Time Sampled: 03/05/14 13:40

Laboratory Sample ID: 4C07088-02 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/10/14 16:57	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene		105 %	70-130		03/10/14 16:57	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4		119 %	70-130		03/10/14 16:57	EPA 8260B	wlm	
Surrogate: Fluorobenzene		107 %	70-130		03/10/14 16:57	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 6
Reported:
 03/14/14 09:07

Client Sample ID: MW25D0305141530

Date/Time Sampled: 03/05/14 15:30

Laboratory Sample ID: 4C07088-03 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Benzene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Toluene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Ethylbenzene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Isopropylbenzene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Methyl tert-butyl ether	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Naphthalene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
tert- amyl alcohol	<5.00	5.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
tert- amyl ethyl ether	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Tert-amyl methyl ether	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Tert-butyl alcohol	<5.00	5.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Diisopropylether (DIPE)	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Ethyl tert-butyl ether	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Acrylonitrile	<10.0	10.0	ug/l	03/10/14 16:29	EPA 8260B	wlm
Bromobenzene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Bromochloromethane	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Bromodichloromethane	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 6
Reported:
 03/14/14 09:07

Client Sample ID: MW25D0305141530

Date/Time Sampled: 03/05/14 15:30

Laboratory Sample ID: 4C07088-03 (Water/Grab)

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

Volatile Organic Compounds by EPA Method 8260B

Bromoform	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Bromomethane	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
sec-Butylbenzene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
tert-Butylbenzene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
n-Butylbenzene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Carbon disulfide	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Chlorobenzene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Chloroethane	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Chloroform	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Chloromethane	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
4-Chlorotoluene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
2-Chlorotoluene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Dibromochloromethane	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Dibromomethane	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
trans-1,4-Dichloro-2-butene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
1,2-Dichlorobenzene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm

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



State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 6
 Reported: 03/14/14 09:07

Client Sample ID: MW25D0305141530

Date/Time Sampled: 03/05/14 15:30

Laboratory Sample ID: 4C07088-03 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
1,3-Dichlorobenzene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Dichlorodifluoromethane	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
1,2-Dichloroethane	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
1,1-Dichloroethane	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
trans-1,2-Dichloroethene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
1,1-Dichloroethene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
2,2-Dichloropropane	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
1,3-Dichloropropane	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
1,2-Dichloropropane	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
1,1-Dichloropropene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Hexachlorobutadiene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
p-Isopropyltoluene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
Methylene chloride	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm
n-Propylbenzene	<1.00	1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 6
 Reported: 03/14/14 09:07

Client Sample ID: MW25D0305141530

Date/Time Sampled: 03/05/14 15:30

Laboratory Sample ID: 4C07088-03 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/10/14 16:29	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene		106 %	70-130		03/10/14 16:29	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4		118 %	70-130		03/10/14 16:29	EPA 8260B	wlm	
Surrogate: Fluorobenzene		106 %	70-130		03/10/14 16:29	EPA 8260B	wlm	

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 1035 Benfield Blvd. Suite H
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 6
Reported:
 03/14/14 09:07

Definitions

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

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

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

MBAS, calculated as LAS, mol wt 348

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

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

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

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

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

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

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

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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

2019 9th Ave.
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FAIRWAY LABORATORIES
Environmental Laboratory

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Pennsdale, PA 17756
Phone: (570) 494-6380

Page 1 of 1

4C07088-01
COC #

Client Name: <u>Environmental Alliance</u> Address: <u>1035 Bantrel Blvd Ste H</u> <u>Millsville, MD 21108</u> Contact: <u>Cari Frach</u> Phone #: <u>(410)-729-1000</u> Fax #: <u>(410)-729-1001</u> Project Name: <u>Sheelz Maintenance</u> Quote/PO #: <u>2476 + 02 P# 10112</u>		Received on ice? Y N Sample Temp: _____ Reportable to PADEP? Yes <input type="checkbox"/> PWSID # _____		Analyses Requested		LAB USE ONLY FedEx USPS UPS Other Tracking # _____	
TAT: Normal <input type="checkbox"/> Rush <input checked="" type="checkbox"/> <u>5 day TAT</u> Rush TAT subject to pre-approval and surcharge Date Required: ___/___/___		GRAB Composite		GRAB -or- Composite		Matrix Solid _____ Water _____ Other _____	
Sample Description/Location		Start Date		Start Time		End Date	
<u>MW20B</u>		<u>3-5-14</u>		<u>1320</u>		<u>3-5-14</u>	
<u>MW20A</u>		<u>3-5-14</u>		<u>1340</u>		<u>3-5-14</u>	
<u>MW25D</u>		<u>3-5-14</u>		<u>1530</u>		<u>3-5-14</u>	
Sampled by: <u>Matthew Pracht</u>		Received by: _____		Date		Time	
<u>3-5-14</u>		<u>1700</u>		<u>3-5-14</u>		<u>17:00</u>	
Relinquished by: _____		Received by: _____		Date		Time	
<u>3/7/14</u>		<u>11:00</u>		<u>3/7/14</u>		<u>11:00</u>	
Relinquished by: _____		Received by: _____		Date		Time	
<u>3/7/14</u>		<u>14:20</u>		<u>3/7/14</u>		<u>14:20</u>	
Relinquished by: _____		Received by: _____		Date		Time	
<u>3/7/14</u>		<u>14:20</u>		<u>3/7/14</u>		<u>14:20</u>	
Remarks		<u>Volungis led bottomed 02/14/14 by [Signature]</u>					

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse. White Original - FLI File Canary - FLI Copy Pink - Customer Receipt Copy

Chain of Custody Receiving Document

Receiver: NS

Page of

Date/Time of this check: 3/17/14 14:30 Sample Temperature: 46 Client: Env. Alliance Lab # 4C070888

Received at Lab on ICE? * Sample Temperature when arrived at Lab: 46 Acceptable? * or In cool down process? *

Custody Seals? Intact?

COCL/Labels on bottles agree? * Correct containers for all the analysis requested? * 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?)		Other	Property Preserved	Bacti
1							DFE1	<input type="checkbox"/> *	<input type="checkbox"/> *		
2											
3											

<p>* DEVIATION PRESENT:</p> <p>Ⓛ No Ice ()</p> <p>Ⓛ Not at Proper Temperature ()</p> <p>Ⓛ Wrong Container ()</p> <p>Ⓛ Missing Information: ()</p>	<p>CLIENT CALLED:</p> <p>YES ()</p> <p>By Whom: _____</p> <p>Date: _____</p>	<p>CLIENT RESPONSE:</p> <p>Proceed with analysis; quality data ()</p> <p>Will Resample ()</p> <p>Provided Information ()</p> <p>No Response; Proceed and qualified ()</p> <p>Client Contact: _____</p> <p>Date: _____</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

* Comments: _____

Chain of Custody Receiving Document

This is a date sensitive document and may not be current after March 4, 2014.



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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
Reported:
 03/14/14 09:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW120306141030	4C07090-01	Water	Grab	03/06/14 10:30	03/07/14 14:20
MW130306141100	4C07090-02	Water	Grab	03/06/14 11:00	03/07/14 14:20
MW140306141130	4C07090-03	Water	Grab	03/06/14 11:30	03/07/14 14:20
MW29D0306141500	4C07090-04	Water	Grab	03/06/14 15:00	03/07/14 14:20
MW32D0306141300	4C07090-05	Water	Grab	03/06/14 13:00	03/07/14 14:20
MW31D0306141400	4C07090-06	Water	Grab	03/06/14 14:00	03/07/14 14:20

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW120306141030

Date/Time Sampled: 03/06/14 10:30

Laboratory Sample ID: 4C07090-01 (Water/Grab)

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

Volatile Organic Compounds by EPA Method 8260B

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Benzene	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Toluene	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Ethylbenzene	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Isopropylbenzene	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Methyl tert-butyl ether	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Naphthalene	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
tert- amyl alcohol	<5.00	5.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
tert- amyl ethyl ether	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Tert-amyl methyl ether	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Tert-butyl alcohol	<5.00	5.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Diisopropylether (DIPE)	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Ethyl tert-butyl ether	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Acrylonitrile	<10.0	10.0	ug/l	03/08/14 13:05	EPA 8260B	wlm
Bromobenzene	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Bromochloromethane	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Bromodichloromethane	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm

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Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW120306141030

Date/Time Sampled: 03/06/14 10:30

Laboratory Sample ID: 4C07090-01 (Water/Grab)

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

Volatile Organic Compounds by EPA Method 8260B

Bromoform	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Bromomethane	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
sec-Butylbenzene	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
tert-Butylbenzene	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
n-Butylbenzene	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Carbon disulfide	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Chlorobenzene	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Chloroethane	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Chloroform	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Chloromethane	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
4-Chlorotoluene	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
2-Chlorotoluene	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Dibromochloromethane	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
Dibromomethane	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
trans-1,4-Dichloro-2-butene	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm
1,2-Dichlorobenzene	<1.00	1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm

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Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW120306141030

Date/Time Sampled: 03/06/14 10:30

Laboratory Sample ID: 4C07090-01 (Water/Grab)

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

Volatile Organic Compounds by EPA Method 8260B

1,4-Dichlorobenzene	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	
1,3-Dichlorobenzene	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	
Dichlorodifluoromethane	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	2e
1,2-Dichloroethane	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	
1,1-Dichloroethane	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	
1,1-Dichloroethene	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	
2,2-Dichloropropane	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	
1,3-Dichloropropane	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	
1,2-Dichloropropane	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	
1,1-Dichloropropene	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	
Hexachlorobutadiene	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	2d
p-Isopropyltoluene	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	
Methylene chloride	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	
n-Propylbenzene	<1.00	1.00		ug/l	03/08/14 13:05	EPA 8260B	wlm	

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 PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW120306141030

Date/Time Sampled: 03/06/14 10:30

Laboratory Sample ID: 4C07090-01 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/08/14 13:05	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	99.5 %		70-130		03/08/14 13:05	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	120 %		70-130		03/08/14 13:05	EPA 8260B	wlm	
Surrogate: Fluorobenzene	110 %		70-130		03/08/14 13:05	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW130306141100

Date/Time Sampled: 03/06/14 11:00

Laboratory Sample ID: 4C07090-02 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Benzene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Toluene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Ethylbenzene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Isopropylbenzene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Methyl tert-butyl ether	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Naphthalene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
tert- amyl alcohol	<5.00	5.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Acrylonitrile	<10.0	10.0		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Bromobenzene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Bromochloromethane	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Bromodichloromethane	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW130306141100

Date/Time Sampled: 03/06/14 11:00

Laboratory Sample ID: 4C07090-02 (Water/Grab)

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

Bromoform	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
Bromomethane	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
sec-Butylbenzene	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
tert-Butylbenzene	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
n-Butylbenzene	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
Carbon disulfide	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
Chlorobenzene	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
Chloroethane	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
Chloroform	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
Chloromethane	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
4-Chlorotoluene	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
2-Chlorotoluene	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
Dibromochloromethane	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
Dibromomethane	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
trans-1,4-Dichloro-2-butene	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm
1,2-Dichlorobenzene	<1.00	1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm

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 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW130306141100

Date/Time Sampled: 03/06/14 11:00

Laboratory Sample ID: 4C07090-02 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
1,3-Dichlorobenzene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Dichlorodifluoromethane	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	2e
1,2-Dichloroethane	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
1,1-Dichloroethane	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
1,1-Dichloroethene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
2,2-Dichloropropane	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
1,3-Dichloropropane	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
1,2-Dichloropropane	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
1,1-Dichloropropene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Hexachlorobutadiene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	2d
p-Isopropyltoluene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
Methylene chloride	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	
n-Propylbenzene	<1.00	1.00		ug/l	03/08/14 13:33	EPA 8260B	wlm	

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Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW130306141100

Date/Time Sampled: 03/06/14 11:00

Laboratory Sample ID: 4C07090-02 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/08/14 13:33	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene		101 %	70-130		03/08/14 13:33	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4		121 %	70-130		03/08/14 13:33	EPA 8260B	wlm	
Surrogate: Fluorobenzene		110 %	70-130		03/08/14 13:33	EPA 8260B	wlm	

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 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW140306141130

Date/Time Sampled: 03/06/14 11:30

Laboratory Sample ID: 4C07090-03 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm
Benzene	<1.00	1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm
Toluene	<1.00	1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm
Ethylbenzene	<1.00	1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm
Isopropylbenzene	<1.00	1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm
Methyl tert-butyl ether	<1.00	1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm
Naphthalene	<1.00	1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm
tert- amyl alcohol	<5.00	5.00	ug/l	03/08/14 14:02	EPA 8260B	wlm
tert- amyl ethyl ether	<1.00	1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm
Tert-amyl methyl ether	<1.00	1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm
Tert-butyl alcohol	<5.00	5.00	ug/l	03/08/14 14:02	EPA 8260B	wlm
Diisopropylether (DIPE)	<1.00	1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm
Ethyl tert-butyl ether	<1.00	1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm
Acrylonitrile	<10.0	10.0	ug/l	03/08/14 14:02	EPA 8260B	wlm
Bromobenzene	<1.00	1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm
Bromochloromethane	<1.00	1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm
Bromodichloromethane	<1.00	1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW140306141130

Date/Time Sampled: 03/06/14 11:30

Laboratory Sample ID: 4C07090-03 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
Bromomethane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
sec-Butylbenzene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
tert-Butylbenzene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
n-Butylbenzene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
Carbon disulfide	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
Chlorobenzene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
Chloroethane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
Chloroform	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
Chloromethane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
4-Chlorotoluene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
2-Chlorotoluene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
Dibromochloromethane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
Dibromomethane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	

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 PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW140306141130

Date/Time Sampled: 03/06/14 11:30

Laboratory Sample ID: 4C07090-03 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
1,3-Dichlorobenzene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
Dichlorodifluoromethane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	2e
1,2-Dichloroethane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
1,1-Dichloroethane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
1,1-Dichloroethene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
2,2-Dichloropropane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
1,3-Dichloropropane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
1,2-Dichloropropane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
1,1-Dichloropropene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
Hexachlorobutadiene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	2d
p-Isopropyltoluene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
Methylene chloride	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
n-Propylbenzene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW140306141130

Date/Time Sampled: 03/06/14 11:30

Laboratory Sample ID: 4C07090-03 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/08/14 14:02	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene		100 %	70-130		03/08/14 14:02	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4		119 %	70-130		03/08/14 14:02	EPA 8260B	wlm	
Surrogate: Fluorobenzene		109 %	70-130		03/08/14 14:02	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW29D0306141500

Date/Time Sampled: 03/06/14 15:00

Laboratory Sample ID: 4C07090-04 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm
Benzene	<1.00	1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm
Toluene	<1.00	1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm
Ethylbenzene	<1.00	1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm
Isopropylbenzene	<1.00	1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm
Methyl tert-butyl ether	<1.00	1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm
Naphthalene	<1.00	1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm
tert- amyl alcohol	<5.00	5.00	ug/l	03/11/14 00:01	EPA 8260B	wlm
tert- amyl ethyl ether	<1.00	1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm
Tert-amyl methyl ether	<1.00	1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm
Tert-butyl alcohol	<5.00	5.00	ug/l	03/11/14 00:01	EPA 8260B	wlm
Diisopropylether (DIPE)	<1.00	1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm
Ethyl tert-butyl ether	<1.00	1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm
Acrylonitrile	<10.0	10.0	ug/l	03/11/14 00:01	EPA 8260B	wlm
Bromobenzene	<1.00	1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm
Bromochloromethane	<1.00	1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm
Bromodichloromethane	<1.00	1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW29D0306141500

Date/Time Sampled: 03/06/14 15:00

Laboratory Sample ID: 4C07090-04 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
Bromomethane	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
sec-Butylbenzene	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
tert-Butylbenzene	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
n-Butylbenzene	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
Carbon disulfide	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
Chlorobenzene	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
Chloroethane	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
Chloroform	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
Chloromethane	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
4-Chlorotoluene	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
2-Chlorotoluene	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
Dibromochloromethane	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
Dibromomethane	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	2b
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW29D0306141500

Date/Time Sampled: 03/06/14 15:00

Laboratory Sample ID: 4C07090-04 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	
1,3-Dichlorobenzene	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	
Dichlorodifluoromethane	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	
1,2-Dichloroethane	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	
1,1-Dichloroethane	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	
1,1-Dichloroethene	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	
2,2-Dichloropropane	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	2b
1,3-Dichloropropane	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	
1,2-Dichloropropane	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	
1,1-Dichloropropene	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	
Hexachlorobutadiene	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	
p-Isopropyltoluene	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	
Methylene chloride	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	
n-Propylbenzene	<1.00	1.00		ug/l	03/11/14 00:01	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW29D0306141500

Date/Time Sampled: 03/06/14 15:00

Laboratory Sample ID: 4C07090-04 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/11/14 00:01	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene		102 %			03/11/14 00:01	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4		120 %			03/11/14 00:01	EPA 8260B	wlm	
Surrogate: Fluorobenzene		109 %			03/11/14 00:01	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW32D0306141300

Date/Time Sampled: 03/06/14 13:00

Laboratory Sample ID: 4C07090-05 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Benzene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Toluene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Ethylbenzene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Isopropylbenzene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Methyl tert-butyl ether	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Naphthalene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
tert- amyl alcohol	<5.00	5.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Acrylonitrile	<10.0	10.0		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Bromobenzene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Bromochloromethane	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Bromodichloromethane	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	

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 PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW32D0306141300

Date/Time Sampled: 03/06/14 13:00

Laboratory Sample ID: 4C07090-05 (Water/Grab)

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

Bromoform	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
Bromomethane	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
sec-Butylbenzene	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
tert-Butylbenzene	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
n-Butylbenzene	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
Carbon disulfide	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
Chlorobenzene	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
Chloroethane	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
Chloroform	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
Chloromethane	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
4-Chlorotoluene	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
2-Chlorotoluene	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
Dibromochloromethane	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
Dibromomethane	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
trans-1,4-Dichloro-2-butene	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm
1,2-Dichlorobenzene	<1.00	1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW32D0306141300

Date/Time Sampled: 03/06/14 13:00

Laboratory Sample ID: 4C07090-05 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
1,3-Dichlorobenzene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Dichlorodifluoromethane	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	2e
1,2-Dichloroethane	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
1,1-Dichloroethane	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
1,1-Dichloroethene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
2,2-Dichloropropane	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
1,3-Dichloropropane	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
1,2-Dichloropropane	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
1,1-Dichloropropene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Hexachlorobutadiene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	2d
p-Isopropyltoluene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
Methylene chloride	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	
n-Propylbenzene	<1.00	1.00		ug/l	03/08/14 12:37	EPA 8260B	wlm	

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Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW32D0306141300

Date/Time Sampled: 03/06/14 13:00

Laboratory Sample ID: 4C07090-05 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/08/14 12:37	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene		102 %	70-130		03/08/14 12:37	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4		121 %	70-130		03/08/14 12:37	EPA 8260B	wlm	
Surrogate: Fluorobenzene		109 %	70-130		03/08/14 12:37	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW31D0306141400

Date/Time Sampled: 03/06/14 14:00

Laboratory Sample ID: 4C07090-06 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm
Benzene	<1.00	1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm
Toluene	<1.00	1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm
Ethylbenzene	<1.00	1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm
Isopropylbenzene	<1.00	1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm
Methyl tert-butyl ether	<1.00	1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm
Naphthalene	<1.00	1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm
tert- amyl alcohol	<5.00	5.00	ug/l	03/08/14 12:08	EPA 8260B	wlm
tert- amyl ethyl ether	<1.00	1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm
Tert-amyl methyl ether	<1.00	1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm
Tert-butyl alcohol	<5.00	5.00	ug/l	03/08/14 12:08	EPA 8260B	wlm
Diisopropylether (DIPE)	<1.00	1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm
Ethyl tert-butyl ether	<1.00	1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm
Acrylonitrile	<10.0	10.0	ug/l	03/08/14 12:08	EPA 8260B	wlm
Bromobenzene	<1.00	1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm
Bromochloromethane	<1.00	1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm
Bromodichloromethane	<1.00	1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW31D0306141400

Date/Time Sampled: 03/06/14 14:00

Laboratory Sample ID: 4C07090-06 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
Bromomethane	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
sec-Butylbenzene	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
tert-Butylbenzene	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
n-Butylbenzene	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
Carbon disulfide	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
Chlorobenzene	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
Chloroethane	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
Chloroform	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
Chloromethane	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
4-Chlorotoluene	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
2-Chlorotoluene	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
Dibromochloromethane	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
Dibromomethane	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	

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Project: SHEETZ MANCHESTER
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 Collector: MP
 Number of Containers: 12
 Reported: 03/14/14 09:08

Client Sample ID: MW31D0306141400

Date/Time Sampled: 03/06/14 14:00

Laboratory Sample ID: 4C07090-06 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	
1,3-Dichlorobenzene	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	
Dichlorodifluoromethane	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	2e
1,2-Dichloroethane	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	
1,1-Dichloroethane	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	
1,1-Dichloroethene	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	
2,2-Dichloropropane	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	
1,3-Dichloropropane	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	
1,2-Dichloropropane	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	
1,1-Dichloropropene	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	
Hexachlorobutadiene	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	2d
p-Isopropyltoluene	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	
Methylene chloride	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	
n-Propylbenzene	<1.00	1.00		ug/l	03/08/14 12:08	EPA 8260B	wlm	

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 Collector: MP
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 Reported: 03/14/14 09:08

Client Sample ID: MW31D0306141400

Date/Time Sampled: 03/06/14 14:00

Laboratory Sample ID: 4C07090-06 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/08/14 12:08	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene		101 %	70-130		03/08/14 12:08	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4		121 %	70-130		03/08/14 12:08	EPA 8260B	wlm	
Surrogate: Fluorobenzene		111 %	70-130		03/08/14 12:08	EPA 8260B	wlm	

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



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State Certifications: MD 275, WV 364

Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 12
Reported:
 03/14/14 09:08

Notes

- 2b The spike recovery was outside acceptance limits for the MS and/or MSD. Data accepted based on acceptable LCS recovery.
- 2d The LCS spike recovery was outside acceptance limits. Data accepted based on additional batch QC.
- 2e CCV was outside the QC range. Data accepted based on additional batch QC.

Definitions

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

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

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

MBAS, calculated as LAS, mol wt 348

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

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

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

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

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

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

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

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Project Number: 2486T:02
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03/14/14 09:08

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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

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FAIRWAY LABORATORIES
Environmental Laboratory

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Phone: (570) 494-6380

4C0700001
COC #
Page 1 of 1

Client Name: Environmental Alliance Inc
Address: 1035 Bentfield Blvd Ste H
Millersville, MD 21108

Contact: Cari Finch
Phone #: (410) - 729-9000
Fax #: (410) - 729-9001

Project Name: Shertz Munchster
Quote/PO #: 2486 + 02 Pot 10125

TAT: Normal Rush 5 day
Rush TAT subject to pre-approval and surcharge

Date Required: / /
GRAB Composite

Received on ice? Y N
Sample Temp:
Reportable to PADEP? Yes
PWSID #

GRAB -or- Composite
Composite Start
Composite End
Start Date Start Time End Date End Time
Solid Matrix
Water Other
of Containers

Analyses Requested
LAB USE ONLY
FedEx USPS
UPS Other
Tracking #
Bottle Type/Comments

Sample Description/Location	GRAB	Composite	Start Date	Start Time	End Date	End Time	Solid	Matrix	Water	Other	# of Containers	Analyses Requested	LAB USE ONLY	Bottle Type/Comments
MW12	X								X		2			
MW13	X				3-6-14	1030			X		2			
MW14	X					1100			X		2			
MW24D	X					1130			X		2			
MW32D	X					1500			X		2			
MW31D	X					1300			X		2			
						1400			X		2			
Sampled by: <u>Mathew Picher</u>			Date	Time	Received by:	Date	Time	Received by:	Date	Time	Remarks			
			3-6-14	1700	<u>[Signature]</u>	3/6/14	17:00	<u>[Signature]</u>			Relinquished bottleware 3/14/14 MS			
Relinquished by: <u>[Signature]</u>			5/7/14	11:00	<u>[Signature]</u>	5/7/14	11:00	<u>[Signature]</u>						
Relinquished by: <u>[Signature]</u>			3/7/14	14:20	<u>[Signature]</u>	3/7	14:20	<u>[Signature]</u>						

123456

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse. White Original - FLI File Canary - FLI Copy Pink - Customer Receipt Copy



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Environmental Alliance
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: MP
 Number of Containers: 8
Reported:
 03/18/14 08:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
WALNUTSTREETWELLINF0310141200	4C11067-01	Water	Grab	03/10/14 12:00	03/11/14 15:40
WALNUTSTREETSPRINGINF0310141215	4C11067-02	Water	Grab	03/10/14 12:15	03/11/14 15:40
HOLLANDDRIVEWELLINF0310141230	4C11067-03	Water	Grab	03/10/14 12:30	03/11/14 15:40
BACHMANROADWELLINF0310141245	4C11067-04	Water	Grab	03/10/14 12:45	03/11/14 15:40

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: MP
 Number of Containers: 8
 Reported: 03/18/14 08:21

Client Sample ID: WALNUTSTREETWELLINF0310141200

Date/Time Sampled: 03/10/14 12:00

Laboratory Sample ID: 4C11067-01 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Purgeable Organic Compounds by EPA Method 524.2

Ethyl tert-butyl ether	<0.500	0.500	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
Tert-amyl methyl ether	<0.500	0.500	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
tert- amyl alcohol	<2.50	2.50	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
tert- amyl ethyl ether	<0.500	0.500	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
Tert-butyl alcohol	<2.50	2.50	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
Diisopropylether (DIPE)	<0.500	0.500	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
Benzene	<0.500	0.500	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
Carbon tetrachloride	<0.500	0.500	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
Chlorobenzene	<0.500	0.500	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
Naphthalene	<0.500	0.500	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
1,2-Dichlorobenzene	<0.500	0.500	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
1,3-Dichlorobenzene	<0.500	0.500	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
1,2-Dichloroethane	<0.500	0.500	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
1,1-Dichloroethene	<0.500	0.500	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
1,2-Dichloropropane	<0.500	0.500	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm
Ethylbenzene	<0.500	0.500	ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm

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 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: MP
 Number of Containers: 8
 Reported: 03/18/14 08:21

Client Sample ID: WALNUTSTREETWELLINF0310141200

Date/Time Sampled: 03/10/14 12:00

Laboratory Sample ID: 4C11067-01 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Purgeable Organic Compounds by EPA Method 524.2

Methylene chloride	<0.500	0.500		ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm	
Methyl tert-butyl ether	<0.500	0.500		ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm	
Styrene	<0.500	0.500		ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm	
Tetrachloroethene	<0.500	0.500		ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm	
Toluene	<0.500	0.500		ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm	
1,2,4-Trichlorobenzene	<0.500	0.500		ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm	
1,1,2-Trichloroethane	<0.500	0.500		ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm	
1,1,1-Trichloroethane	<0.500	0.500		ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm	
Trichloroethene	<0.500	0.500		ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm	
Vinyl chloride	<0.500	0.500		ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm	
Xylenes (total)	<1.00	1.00		ug/l	03/13/14 06:51	EPA 524.2/4.1	wlm	
Surrogate: 4-Bromofluorobenzene	86.7 %		70-130		03/13/14 06:51	EPA 524.2/4.1	wlm	
Surrogate: 1,2-Dichlorobenzene-d4	94.1 %		70-130		03/13/14 06:51	EPA 524.2/4.1	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: MP
 Number of Containers: 8
 Reported: 03/18/14 08:21

Client Sample ID: WALNUTSTREETSPRINGINF0310141215

Date/Time Sampled: 03/10/14 12:15

Laboratory Sample ID: 4C11067-02 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Purgeable Organic Compounds by EPA Method 524.2

Ethyl tert-butyl ether	<0.500	0.500	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
Tert-amyl methyl ether	<0.500	0.500	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
tert- amyl alcohol	<2.50	2.50	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
tert- amyl ethyl ether	<0.500	0.500	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
Tert-butyl alcohol	<2.50	2.50	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
Diisopropylether (DIPE)	<0.500	0.500	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
Benzene	<0.500	0.500	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
Carbon tetrachloride	<0.500	0.500	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
Chlorobenzene	<0.500	0.500	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
Naphthalene	<0.500	0.500	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	2b
1,2-Dichlorobenzene	<0.500	0.500	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
1,3-Dichlorobenzene	<0.500	0.500	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
1,2-Dichloroethane	<0.500	0.500	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
1,1-Dichloroethene	<0.500	0.500	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
1,2-Dichloropropane	<0.500	0.500	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
Ethylbenzene	<0.500	0.500	ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	2b

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Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: MP
 Number of Containers: 8
 Reported: 03/18/14 08:21

Client Sample ID: WALNUTSTREETSPRINGINF0310141215

Date/Time Sampled: 03/10/14 12:15

Laboratory Sample ID: 4C11067-02 (Water/Grab)

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

Purgeable Organic Compounds by EPA Method 524.2

Methylene chloride	<0.500	0.500		ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
Methyl tert-butyl ether	<0.500	0.500		ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
Styrene	<0.500	0.500		ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	2b
Tetrachloroethene	<0.500	0.500		ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
Toluene	<0.500	0.500		ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	2b
1,2,4-Trichlorobenzene	<0.500	0.500		ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
1,1,2-Trichloroethane	<0.500	0.500		ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
1,1,1-Trichloroethane	<0.500	0.500		ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
Trichloroethene	<0.500	0.500		ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
Vinyl chloride	<0.500	0.500		ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	2b
Xylenes (total)	<1.00	1.00		ug/l	03/13/14 07:48	EPA 524.2/4.1	wlm	
Surrogate: 4-Bromofluorobenzene	84.1 %		70-130		03/13/14 07:48	EPA 524.2/4.1	wlm	
Surrogate: 1,2-Dichlorobenzene-d4	94.5 %		70-130		03/13/14 07:48	EPA 524.2/4.1	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: MP
 Number of Containers: 8
 Reported: 03/18/14 08:21

Client Sample ID: HOLLANDDRIVEWELLINF0310141230

Date/Time Sampled: 03/10/14 12:30

Laboratory Sample ID: 4C11067-03 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Purgeable Organic Compounds by EPA Method 524.2

Ethyl tert-butyl ether	<0.500	0.500	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
Tert-amyl methyl ether	<0.500	0.500	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
tert- amyl alcohol	<2.50	2.50	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
tert- amyl ethyl ether	<0.500	0.500	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
Tert-butyl alcohol	<2.50	2.50	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
Diisopropylether (DIPE)	<0.500	0.500	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
Benzene	<0.500	0.500	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
Carbon tetrachloride	<0.500	0.500	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
Chlorobenzene	<0.500	0.500	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
Naphthalene	<0.500	0.500	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
1,2-Dichlorobenzene	<0.500	0.500	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
1,3-Dichlorobenzene	<0.500	0.500	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
1,2-Dichloroethane	<0.500	0.500	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
1,1-Dichloroethene	<0.500	0.500	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
1,2-Dichloropropane	<0.500	0.500	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm
Ethylbenzene	<0.500	0.500	ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm

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 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: MP
 Number of Containers: 8
 Reported: 03/18/14 08:21

Client Sample ID: HOLLANDDRIVEWELLINF0310141230

Date/Time Sampled: 03/10/14 12:30

Laboratory Sample ID: 4C11067-03 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Purgeable Organic Compounds by EPA Method 524.2

Methylene chloride	<0.500	0.500		ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm	
Methyl tert-butyl ether	<0.500	0.500		ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm	
Styrene	<0.500	0.500		ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm	
Tetrachloroethene	<0.500	0.500		ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm	
Toluene	<0.500	0.500		ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm	
1,2,4-Trichlorobenzene	<0.500	0.500		ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm	
1,1,2-Trichloroethane	<0.500	0.500		ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm	
1,1,1-Trichloroethane	<0.500	0.500		ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm	
Trichloroethene	<0.500	0.500		ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm	
Vinyl chloride	<0.500	0.500		ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm	
Xylenes (total)	<1.00	1.00		ug/l	03/13/14 15:19	EPA 524.2/4.1	wlm	
Surrogate: 4-Bromofluorobenzene	86.6 %		70-130		03/13/14 15:19	EPA 524.2/4.1	wlm	
Surrogate: 1,2-Dichlorobenzene-d4	90.5 %		70-130		03/13/14 15:19	EPA 524.2/4.1	wlm	

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



State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: MP
 Number of Containers: 8
 Reported: 03/18/14 08:21

Client Sample ID: BACHMANROADWELLINF0310141245

Date/Time Sampled: 03/10/14 12:45

Laboratory Sample ID: 4C11067-04 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
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Purgeable Organic Compounds by EPA Method 524.2

Ethyl tert-butyl ether	<0.500	0.500	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
Tert-amyl methyl ether	<0.500	0.500	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
tert- amyl alcohol	<2.50	2.50	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
tert- amyl ethyl ether	<0.500	0.500	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
Tert-butyl alcohol	<2.50	2.50	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
Diisopropylether (DIPE)	<0.500	0.500	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
Benzene	<0.500	0.500	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
Carbon tetrachloride	<0.500	0.500	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
Chlorobenzene	<0.500	0.500	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
Naphthalene	<0.500	0.500	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
1,2-Dichlorobenzene	<0.500	0.500	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
1,3-Dichlorobenzene	<0.500	0.500	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
1,2-Dichloroethane	<0.500	0.500	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
1,1-Dichloroethene	<0.500	0.500	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
cis-1,2-Dichloroethene	<0.500	0.500	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
trans-1,2-Dichloroethene	<0.500	0.500	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
1,2-Dichloropropane	<0.500	0.500	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm
Ethylbenzene	<0.500	0.500	ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm

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Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: MP
 Number of Containers: 8
 Reported: 03/18/14 08:21

Client Sample ID: BACHMANROADWELLINF0310141245

Date/Time Sampled: 03/10/14 12:45

Laboratory Sample ID: 4C11067-04 (Water/Grab)

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

Purgeable Organic Compounds by EPA Method 524.2

Methylene chloride	<0.500	0.500		ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm	
Methyl tert-butyl ether	<0.500	0.500		ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm	
Styrene	<0.500	0.500		ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm	
Tetrachloroethene	<0.500	0.500		ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm	
Toluene	<0.500	0.500		ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm	
1,2,4-Trichlorobenzene	<0.500	0.500		ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm	
1,1,2-Trichloroethane	<0.500	0.500		ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm	
1,1,1-Trichloroethane	<0.500	0.500		ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm	
Trichloroethene	<0.500	0.500		ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm	
Vinyl chloride	<0.500	0.500		ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm	
Xylenes (total)	<1.00	1.00		ug/l	03/13/14 15:47	EPA 524.2/4.1	wlm	
Surrogate: 4-Bromofluorobenzene	84.1 %		70-130		03/13/14 15:47	EPA 524.2/4.1	wlm	
Surrogate: 1,2-Dichlorobenzene-d4	90.6 %		70-130		03/13/14 15:47	EPA 524.2/4.1	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: MP
 Number of Containers: 8
Reported:
 03/18/14 08:21

Notes

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

Definitions

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

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

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

MBAS, calculated as LAS, mol wt 348

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

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

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

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

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

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

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

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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

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FAIRWAY LABORATORIES
Environmental Laboratory

89 Kristi Rd
Pennsdale, PA 17756
Phone: (570) 494-6380

4C11067-01
COC #
Page 1 of 1

Client Name: Environmentally Alliance The
 Address: 1035 Bentfield Blvd Ste H
Millersville, MD 21106
 Contact: Cari Fitch
 Phone #: (410)-729-9000
 Fax #: (410)-729-9001
 Project Name: Shertz Manchester
 Quote/PO #: 2426 T-02 Post 10142

TAT: Normal Rush 5 day
 Rush TAT subject to pre-approval and surcharge
 Date Required: ___/___/___

Received on ice? Y N
 Sample Temp: _____
 Reportable to PADEP? Yes
 PWSID # _____

Sample Description/Location	GRAB	Composite	Start Date	Start Time	End Date	End Time	Matrix			# of Containers	Analyses Requested	Bottle Type/Comments
							Solid	Water	Other			
1 WALNUT STREET WELL INF	X				3-10-M	1200	X			2		
2 WALNUT STREET SPEIN6 INF	X					1215	X			2		
3 HOLLAND DRIVE WELL INF	X					1230	X			2		
BACHMAN ROAD WELL INF	X					1245	X			2		
voo + oxy + naphthalene (524.2)												

Received by: Matthew Proctor Date: 3-10-11 Time: 1700
 Relinquished by: Noted Date: 3/11/11 Time: 15:40
 Relinquished by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____

Received by: CS Date: 3/11 Time: 15:40

Remarks

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse. White Original - FLI File Canary - FLI Copy Pink - Customer Receipt Copy



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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 2
Reported:
 03/18/14 08:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW30D0310141530	4C11068-01	Water	Grab	03/10/14 15:30	03/11/14 15:40

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 2
 Reported: 03/18/14 08:22

Client Sample ID: MW30D0310141530

Date/Time Sampled: 03/10/14 15:30

Laboratory Sample ID: 4C11068-01 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Benzene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Toluene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Ethylbenzene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Isopropylbenzene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Methyl tert-butyl ether	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Naphthalene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
tert- amyl alcohol	<5.00	5.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	2e
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Acrylonitrile	<10.0	10.0		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Bromobenzene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Bromochloromethane	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Bromodichloromethane	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	

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Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 2
 Reported: 03/18/14 08:22

Client Sample ID: MW30D0310141530

Date/Time Sampled: 03/10/14 15:30

Laboratory Sample ID: 4C11068-01 (Water/Grab)

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

Volatile Organic Compounds by EPA Method 8260B

Bromoform	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Bromomethane	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
sec-Butylbenzene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
tert-Butylbenzene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
n-Butylbenzene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Carbon disulfide	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Chlorobenzene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Chloroethane	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Chloroform	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Chloromethane	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
4-Chlorotoluene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
2-Chlorotoluene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Dibromochloromethane	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Dibromomethane	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,2-Dichlorobenzene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	

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 Collector: CLIENT
 Number of Containers: 2
 Reported: 03/18/14 08:22

Client Sample ID: MW30D0310141530

Date/Time Sampled: 03/10/14 15:30

Laboratory Sample ID: 4C11068-01 (Water/Grab)

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

Volatile Organic Compounds by EPA Method 8260B

1,4-Dichlorobenzene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,3-Dichlorobenzene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Dichlorodifluoromethane	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,2-Dichloroethane	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,1-Dichloroethane	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,1-Dichloroethene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
2,2-Dichloropropane	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,3-Dichloropropane	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,2-Dichloropropane	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,1-Dichloropropene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Hexachlorobutadiene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
p-Isopropyltoluene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
Methylene chloride	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	
n-Propylbenzene	<1.00	1.00		ug/l	03/13/14 05:21	EPA 8260B	wlm	

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 Number of Containers: 2
 Reported: 03/18/14 08:22

Client Sample ID: MW30D0310141530

Date/Time Sampled: 03/10/14 15:30

Laboratory Sample ID: 4C11068-01 (Water/Grab)

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

Volatile Organic Compounds by EPA Method 8260B

Styrene	<1.00		1.00	ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/13/14 05:21	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/13/14 05:21	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/13/14 05:21	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/13/14 05:21	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/13/14 05:21	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/13/14 05:21	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/13/14 05:21	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/13/14 05:21	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	92.3 %		70-130		03/13/14 05:21	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	108 %		70-130		03/13/14 05:21	EPA 8260B	wlm	
Surrogate: Fluorobenzene	104 %		70-130		03/13/14 05:21	EPA 8260B	wlm	

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 PaDEP: PA 41-04684



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State Certifications: MD 275, WV 364

Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 2
Reported:
 03/18/14 08:22

Notes

2e CCV was outside the QC range. Data accepted based on additional batch QC.

Definitions

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

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

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

MBAS, calculated as LAS, mol wt 348

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

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

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

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

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

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

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

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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

2019 9th Ave.
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Altoona, PA 16602
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Fax: (814) 946-8791


FAIRWAY LABORATORIES
Environmental Laboratory

89 Kristi Rd
Pennsdale, PA 17756
Phone: (570) 494-6380

4C11068701

COC # _____
Page 1 of 1

Client Name: <u>Environmental Alliance Inc</u> Address: <u>1035 Benfield Blvd Ste H</u> <u>Millsville, MD, 21105</u> Contact: <u>Cari Finch</u> Phone #: <u>(410)-721-9000</u> Fax #: <u>(410)-729</u> Project Name: <u>Shearwater</u> Quote/PO #: <u>2486 T: 02 PO# 10143</u>		Received on ice? Y <input type="checkbox"/> N <input type="checkbox"/> Sample Temp: _____ Reportable to PADEP? Yes <input type="checkbox"/> PWSID # _____		Analyzes Requested 		LAB USE ONLY FedEx USPS UPS Other Tracking # _____	
TAT: Normal <input type="checkbox"/> Rush <input checked="" type="checkbox"/> <u>5 day</u> Rush TAT subject to pre-approval and surcharge Date Required: <u> / /</u>		GRAB Composite Composite Start Composite End Start Date Start Time End Date End Time <u>MWS0D</u> X <u>3-10-14</u> <u>15:30</u>		Matrix Solid Water Other # of Containers <u>2</u> <u>VOC+oxy+naphthalene (8260)</u>		Bottle Type/Comments 	
Sample Description/Location 		Received by: <u>[Signature]</u> Date: <u>3-10-15</u> Time: <u>17:00</u>		Received by: <u>[Signature]</u> Date: <u>3/11/14</u> Time: <u>11:50</u>		Remarks 	
Relinquished by: <u>[Signature]</u> Date: <u>3/11/14</u> Time: <u>15:40</u>		Received by: <u>[Signature]</u> Date: <u>3-11-14</u> Time: <u>15:48</u>		 			
Relinquished by: _____ Date: _____ Time: _____		Received by: _____ Date: _____ Time: _____					

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse. White Original - FLJ File Canary - FLJ Copy Pink - Customer Receipt Copy



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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
Reported:
 03/18/14 08:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW23D0307141230	4C11069-01	Water	Grab	03/07/14 12:30	03/11/14 15:40
MW26D0307141130	4C11069-02	Water	Grab	03/07/14 11:30	03/11/14 15:40
MW22D0307141500	4C11069-03	Water	Grab	03/07/14 15:00	03/11/14 15:40
VMW40307141245	4C11069-04	Water	Grab	03/07/14 12:45	03/11/14 15:40
MW60307141300	4C11069-05	Water	Grab	03/07/14 13:00	03/11/14 15:40
MW70307141315	4C11069-06	Water	Grab	03/07/14 13:15	03/11/14 15:40
MW30307141330	4C11069-07	Water	Grab	03/07/14 13:30	03/11/14 15:40
MW10307141345	4C11069-08	Water	Grab	03/07/14 13:45	03/11/14 15:40

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW23D0307141230

Date/Time Sampled: 03/07/14 12:30

Laboratory Sample ID: 4C11069-01 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	
Benzene	<1.00	1.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	
Toluene	<1.00	1.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	
Ethylbenzene	<1.00	1.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	
Isopropylbenzene	<1.00	1.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	
Methyl tert-butyl ether	<1.00	1.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	
Naphthalene	<1.00	1.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	
tert- amyl alcohol	<5.00	5.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	2e
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	
Acrylonitrile	<10.0	10.0		ug/l	03/13/14 05:58	EPA 8260B	wlm	
Bromobenzene	<1.00	1.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	
Bromochloromethane	<1.00	1.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	
Bromodichloromethane	<1.00	1.00		ug/l	03/13/14 05:58	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW23D0307141230

Date/Time Sampled: 03/07/14 12:30

Laboratory Sample ID: 4C11069-01 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
Bromomethane	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
sec-Butylbenzene	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
tert-Butylbenzene	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
n-Butylbenzene	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
Carbon disulfide	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
Chlorobenzene	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
Chloroethane	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
Chloroform	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
Chloromethane	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
4-Chlorotoluene	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
2-Chlorotoluene	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
Dibromochloromethane	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
Dibromomethane	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW23D0307141230

Date/Time Sampled: 03/07/14 12:30

Laboratory Sample ID: 4C11069-01 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
1,3-Dichlorobenzene	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
Dichlorodifluoromethane	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
1,2-Dichloroethane	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
1,1-Dichloroethane	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
trans-1,2-Dichloroethene	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
1,1-Dichloroethene	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
2,2-Dichloropropane	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
1,3-Dichloropropane	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
1,2-Dichloropropane	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
1,1-Dichloropropene	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
Hexachlorobutadiene	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
p-Isopropyltoluene	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
Methylene chloride	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm
n-Propylbenzene	<1.00	1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm

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Environmental Alliance
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW23D0307141230

Date/Time Sampled: 03/07/14 12:30

Laboratory Sample ID: 4C11069-01 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/13/14 05:58	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	92.1 %		70-130		03/13/14 05:58	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	106 %		70-130		03/13/14 05:58	EPA 8260B	wlm	
Surrogate: Fluorobenzene	104 %		70-130		03/13/14 05:58	EPA 8260B	wlm	

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Environmental Alliance
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW26D0307141130

Date/Time Sampled: 03/07/14 11:30

Laboratory Sample ID: 4C11069-02 (Water/Grab)

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

Volatile Organic Compounds by EPA Method 8260B

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Benzene	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Toluene	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Ethylbenzene	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Isopropylbenzene	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Methyl tert-butyl ether	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Naphthalene	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
tert- amyl alcohol	<5.00	5.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	2e
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Acrylonitrile	<10.0	10.0		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Bromobenzene	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Bromochloromethane	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Bromodichloromethane	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	

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 PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW26D0307141130

Date/Time Sampled: 03/07/14 11:30

Laboratory Sample ID: 4C11069-02 (Water/Grab)

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

Bromoform	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Bromomethane	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
sec-Butylbenzene	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
tert-Butylbenzene	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
n-Butylbenzene	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Carbon disulfide	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Chlorobenzene	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Chloroethane	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Chloroform	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Chloromethane	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
4-Chlorotoluene	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
2-Chlorotoluene	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Dibromochloromethane	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
Dibromomethane	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	
1,2-Dichlorobenzene	<1.00	1.00		ug/l	03/13/14 06:37	EPA 8260B	wlm	

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Environmental Alliance
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW26D0307141130

Date/Time Sampled: 03/07/14 11:30

Laboratory Sample ID: 4C11069-02 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
1,3-Dichlorobenzene	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
Dichlorodifluoromethane	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
1,2-Dichloroethane	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
1,1-Dichloroethane	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
trans-1,2-Dichloroethene	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
1,1-Dichloroethene	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
2,2-Dichloropropane	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
1,3-Dichloropropane	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
1,2-Dichloropropane	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
1,1-Dichloropropene	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
Hexachlorobutadiene	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
p-Isopropyltoluene	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
Methylene chloride	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm
n-Propylbenzene	<1.00	1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW26D0307141130

Date/Time Sampled: 03/07/14 11:30

Laboratory Sample ID: 4C11069-02 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/13/14 06:37	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	92.4 %		70-130		03/13/14 06:37	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	105 %		70-130		03/13/14 06:37	EPA 8260B	wlm	
Surrogate: Fluorobenzene	104 %		70-130		03/13/14 06:37	EPA 8260B	wlm	

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 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW22D0307141500

Date/Time Sampled: 03/07/14 15:00

Laboratory Sample ID: 4C11069-03 (Water/Grab)

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

1,3,5-Trimethylbenzene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Benzene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Toluene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Ethylbenzene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Isopropylbenzene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Methyl tert-butyl ether	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Naphthalene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
tert- amyl alcohol	<10.0	10.0		ug/l	03/14/14 13:11	EPA 8260B	wlm	
tert- amyl ethyl ether	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Tert-amyl methyl ether	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Tert-butyl alcohol	<10.0	10.0		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Diisopropylether (DIPE)	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Ethyl tert-butyl ether	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Acrylonitrile	<20.0	20.0		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Bromobenzene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Bromochloromethane	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Bromodichloromethane	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW22D0307141500

Date/Time Sampled: 03/07/14 15:00

Laboratory Sample ID: 4C11069-03 (Water/Grab)

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

Bromoform	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Bromomethane	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
sec-Butylbenzene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
tert-Butylbenzene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
n-Butylbenzene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Carbon disulfide	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Chlorobenzene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Chloroethane	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Chloroform	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	2e
Chloromethane	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
4-Chlorotoluene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
2-Chlorotoluene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<10.0	10.0		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Dibromochloromethane	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Dibromomethane	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,2-Dichlorobenzene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	

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Environmental Alliance
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW22D0307141500

Date/Time Sampled: 03/07/14 15:00

Laboratory Sample ID: 4C11069-03 (Water/Grab)

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

1,4-Dichlorobenzene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,3-Dichlorobenzene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Dichlorodifluoromethane	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,2-Dichloroethane	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,1-Dichloroethane	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,1-Dichloroethene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
2,2-Dichloropropane	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	2e
1,3-Dichloropropane	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,2-Dichloropropane	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,1-Dichloropropene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Hexachlorobutadiene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
p-Isopropyltoluene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
Methylene chloride	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	
n-Propylbenzene	<2.00	2.00		ug/l	03/14/14 13:11	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW22D0307141500

Date/Time Sampled: 03/07/14 15:00

Laboratory Sample ID: 4C11069-03 (Water/Grab)

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

Styrene	<2.00		2.00	ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<2.00		2.00	ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<2.00		2.00	ug/l	03/14/14 13:11	EPA 8260B	wlm	
Tetrachloroethene	<2.00		2.00	ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<2.00		2.00	ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<2.00		2.00	ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,1,1-Trichloroethane	<2.00		2.00	ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,1,2-Trichloroethane	<2.00		2.00	ug/l	03/14/14 13:11	EPA 8260B	wlm	
Trichloroethene	<2.00		2.00	ug/l	03/14/14 13:11	EPA 8260B	wlm	
Trichlorofluoromethane	<2.00		2.00	ug/l	03/14/14 13:11	EPA 8260B	wlm	
1,2,3-Trichloropropane	<2.00		2.00	ug/l	03/14/14 13:11	EPA 8260B	wlm	
Vinyl chloride	<2.00		2.00	ug/l	03/14/14 13:11	EPA 8260B	wlm	
o-Xylene	<2.00		2.00	ug/l	03/14/14 13:11	EPA 8260B	wlm	
m,p-Xylene	<2.00		2.00	ug/l	03/14/14 13:11	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	96.9 %		70-130		03/14/14 13:11	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	97.1 %		70-130		03/14/14 13:11	EPA 8260B	wlm	
Surrogate: Fluorobenzene	100 %		70-130		03/14/14 13:11	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: VMW40307141245

Date/Time Sampled: 03/07/14 12:45

Laboratory Sample ID: 4C11069-04 (Water/Grab)

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

1,3,5-Trimethylbenzene	<2.00	2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm
1,2,4-Trimethylbenzene	<2.00	2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm
Benzene	<2.00	2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm
Toluene	<2.00	2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm
Ethylbenzene	<2.00	2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm
Isopropylbenzene	<2.00	2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm
Methyl tert-butyl ether	<2.00	2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm
Naphthalene	<2.00	2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm
tert- amyl alcohol	<10.0	10.0	ug/l	03/14/14 12:33	EPA 8260B	wlm
tert- amyl ethyl ether	<2.00	2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm
Tert-amyl methyl ether	<2.00	2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm
Tert-butyl alcohol	<10.0	10.0	ug/l	03/14/14 12:33	EPA 8260B	wlm
Diisopropylether (DIPE)	<2.00	2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm
Ethyl tert-butyl ether	<2.00	2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm
Acrylonitrile	<20.0	20.0	ug/l	03/14/14 12:33	EPA 8260B	wlm
Bromobenzene	<2.00	2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm
Bromochloromethane	<2.00	2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm
Bromodichloromethane	<2.00	2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm

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 PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: VMW40307141245

Date/Time Sampled: 03/07/14 12:45

Laboratory Sample ID: 4C11069-04 (Water/Grab)

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

Bromoform	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
Bromomethane	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
sec-Butylbenzene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
tert-Butylbenzene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
n-Butylbenzene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
Carbon disulfide	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
Chlorobenzene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
Chloroethane	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
Chloroform	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	2e
Chloromethane	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
4-Chlorotoluene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
2-Chlorotoluene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<10.0	10.0		ug/l	03/14/14 12:33	EPA 8260B	wlm	
Dibromochloromethane	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
Dibromomethane	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
1,2-Dichlorobenzene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: VMW40307141245

Date/Time Sampled: 03/07/14 12:45

Laboratory Sample ID: 4C11069-04 (Water/Grab)

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

1,4-Dichlorobenzene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
1,3-Dichlorobenzene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
Dichlorodifluoromethane	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
1,2-Dichloroethane	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
1,1-Dichloroethane	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
1,1-Dichloroethene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
2,2-Dichloropropane	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	2e
1,3-Dichloropropane	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
1,2-Dichloropropane	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
1,1-Dichloropropene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
Hexachlorobutadiene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
p-Isopropyltoluene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
Methylene chloride	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	
n-Propylbenzene	<2.00	2.00		ug/l	03/14/14 12:33	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: VMW40307141245

Date/Time Sampled: 03/07/14 12:45

Laboratory Sample ID: 4C11069-04 (Water/Grab)

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

Styrene	<2.00		2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<2.00		2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<2.00		2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm	
Tetrachloroethene	<2.00		2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<2.00		2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<2.00		2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm	
1,1,1-Trichloroethane	<2.00		2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm	
1,1,2-Trichloroethane	<2.00		2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm	
Trichloroethene	<2.00		2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm	
Trichlorofluoromethane	<2.00		2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm	
1,2,3-Trichloropropane	<2.00		2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm	
Vinyl chloride	<2.00		2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm	
o-Xylene	<2.00		2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm	
m,p-Xylene	<2.00		2.00	ug/l	03/14/14 12:33	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	98.4 %		70-130		03/14/14 12:33	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	97.2 %		70-130		03/14/14 12:33	EPA 8260B	wlm	
Surrogate: Fluorobenzene	100 %		70-130		03/14/14 12:33	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW60307141300

Date/Time Sampled: 03/07/14 13:00

Laboratory Sample ID: 4C11069-05 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	
Benzene	<1.00	1.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	
Toluene	<1.00	1.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	
Ethylbenzene	<1.00	1.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	
Isopropylbenzene	<1.00	1.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	
Methyl tert-butyl ether	<1.00	1.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	
Naphthalene	<1.00	1.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	
tert- amyl alcohol	<5.00	5.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	2e
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	
Acrylonitrile	<10.0	10.0		ug/l	03/13/14 07:15	EPA 8260B	wlm	
Bromobenzene	<1.00	1.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	
Bromochloromethane	<1.00	1.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	
Bromodichloromethane	<1.00	1.00		ug/l	03/13/14 07:15	EPA 8260B	wlm	

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Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW60307141300

Date/Time Sampled: 03/07/14 13:00

Laboratory Sample ID: 4C11069-05 (Water/Grab)

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

Bromoform	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
Bromomethane	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
sec-Butylbenzene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
tert-Butylbenzene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
n-Butylbenzene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
Carbon disulfide	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
Chlorobenzene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
Chloroethane	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
Chloroform	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
Chloromethane	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
4-Chlorotoluene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
2-Chlorotoluene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
Dibromochloromethane	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
Dibromomethane	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
trans-1,4-Dichloro-2-butene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
1,2-Dichlorobenzene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm

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Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW60307141300

Date/Time Sampled: 03/07/14 13:00

Laboratory Sample ID: 4C11069-05 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
1,3-Dichlorobenzene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
Dichlorodifluoromethane	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
1,2-Dichloroethane	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
1,1-Dichloroethane	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
trans-1,2-Dichloroethene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
1,1-Dichloroethene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
2,2-Dichloropropane	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
1,3-Dichloropropane	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
1,2-Dichloropropane	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
1,1-Dichloropropene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
Hexachlorobutadiene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
p-Isopropyltoluene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
Methylene chloride	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm
n-Propylbenzene	<1.00	1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm

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Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW60307141300

Date/Time Sampled: 03/07/14 13:00

Laboratory Sample ID: 4C11069-05 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/13/14 07:15	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	92.1 %		70-130		03/13/14 07:15	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	108 %		70-130		03/13/14 07:15	EPA 8260B	wlm	
Surrogate: Fluorobenzene	105 %		70-130		03/13/14 07:15	EPA 8260B	wlm	

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 PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW70307141315

Date/Time Sampled: 03/07/14 13:15

Laboratory Sample ID: 4C11069-06 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	
Benzene	<1.00	1.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	
Toluene	<1.00	1.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	
Ethylbenzene	<1.00	1.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	
Isopropylbenzene	<1.00	1.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	
Methyl tert-butyl ether	<1.00	1.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	
Naphthalene	<1.00	1.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	
tert- amyl alcohol	<5.00	5.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	2e
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	
Acrylonitrile	<10.0	10.0		ug/l	03/13/14 07:52	EPA 8260B	wlm	
Bromobenzene	<1.00	1.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	
Bromochloromethane	<1.00	1.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	
Bromodichloromethane	<1.00	1.00		ug/l	03/13/14 07:52	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW70307141315

Date/Time Sampled: 03/07/14 13:15

Laboratory Sample ID: 4C11069-06 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
Bromomethane	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
sec-Butylbenzene	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
tert-Butylbenzene	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
n-Butylbenzene	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
Carbon disulfide	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
Chlorobenzene	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
Chloroethane	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
Chloroform	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
Chloromethane	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
4-Chlorotoluene	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
2-Chlorotoluene	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
Dibromochloromethane	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
Dibromomethane	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW70307141315

Date/Time Sampled: 03/07/14 13:15

Laboratory Sample ID: 4C11069-06 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
1,3-Dichlorobenzene	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
Dichlorodifluoromethane	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
1,2-Dichloroethane	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
1,1-Dichloroethane	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
trans-1,2-Dichloroethene	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
1,1-Dichloroethene	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
2,2-Dichloropropane	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
1,3-Dichloropropane	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
1,2-Dichloropropane	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
1,1-Dichloropropene	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
Hexachlorobutadiene	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
p-Isopropyltoluene	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
Methylene chloride	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm
n-Propylbenzene	<1.00	1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW70307141315

Date/Time Sampled: 03/07/14 13:15

Laboratory Sample ID: 4C11069-06 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/13/14 07:52	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	92.1 %		70-130		03/13/14 07:52	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	107 %		70-130		03/13/14 07:52	EPA 8260B	wlm	
Surrogate: Fluorobenzene	104 %		70-130		03/13/14 07:52	EPA 8260B	wlm	

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Environmental Alliance
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW30307141330

Date/Time Sampled: 03/07/14 13:30

Laboratory Sample ID: 4C11069-07 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	
Benzene	<1.00	1.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	
Toluene	<1.00	1.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	
Ethylbenzene	<1.00	1.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	
Isopropylbenzene	<1.00	1.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	
Methyl tert-butyl ether	58.0	1.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	
Naphthalene	<1.00	1.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	
tert- amyl alcohol	<5.00	5.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	2e
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	
Acrylonitrile	<10.0	10.0		ug/l	03/13/14 08:30	EPA 8260B	wlm	
Bromobenzene	<1.00	1.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	
Bromochloromethane	<1.00	1.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	
Bromodichloromethane	<1.00	1.00		ug/l	03/13/14 08:30	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW30307141330

Date/Time Sampled: 03/07/14 13:30

Laboratory Sample ID: 4C11069-07 (Water/Grab)

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

Bromoform	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
Bromomethane	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
sec-Butylbenzene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
tert-Butylbenzene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
n-Butylbenzene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
Carbon disulfide	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
Chlorobenzene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
Chloroethane	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
Chloroform	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
Chloromethane	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
4-Chlorotoluene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
2-Chlorotoluene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
Dibromochloromethane	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
Dibromomethane	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
trans-1,4-Dichloro-2-butene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
1,2-Dichlorobenzene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW30307141330

Date/Time Sampled: 03/07/14 13:30

Laboratory Sample ID: 4C11069-07 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
1,3-Dichlorobenzene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
Dichlorodifluoromethane	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
1,2-Dichloroethane	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
1,1-Dichloroethane	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
trans-1,2-Dichloroethene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
1,1-Dichloroethene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
2,2-Dichloropropane	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
1,3-Dichloropropane	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
1,2-Dichloropropane	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
1,1-Dichloropropene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
Hexachlorobutadiene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
p-Isopropyltoluene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
Methylene chloride	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm
n-Propylbenzene	<1.00	1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm

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 (814) 946-4306
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89 Kristi Road
 Pennsdale, PA 17756
 (570) 494-6380
 PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
Reported:
 03/18/14 08:22

Client Sample ID: MW30307141330

Date/Time Sampled: 03/07/14 13:30

Laboratory Sample ID: 4C11069-07 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/13/14 08:30	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	94.6 %		70-130		03/13/14 08:30	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	108 %		70-130		03/13/14 08:30	EPA 8260B	wlm	
Surrogate: Fluorobenzene	104 %		70-130		03/13/14 08:30	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW10307141345

Date/Time Sampled: 03/07/14 13:45

Laboratory Sample ID: 4C11069-08 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/13/14 03:47	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/13/14 03:47	EPA 8260B	wlm	
Benzene	<1.00	1.00		ug/l	03/13/14 03:47	EPA 8260B	wlm	
Toluene	<1.00	1.00		ug/l	03/13/14 03:47	EPA 8260B	wlm	
Ethylbenzene	<1.00	1.00		ug/l	03/13/14 03:47	EPA 8260B	wlm	
Isopropylbenzene	<1.00	1.00		ug/l	03/13/14 03:47	EPA 8260B	wlm	
Methyl tert-butyl ether	315	10.0		ug/l	03/14/14 20:53	EPA 8260B	wlm	
Naphthalene	<1.00	1.00		ug/l	03/13/14 03:47	EPA 8260B	wlm	
tert- amyl alcohol	<5.00	5.00		ug/l	03/13/14 03:47	EPA 8260B	wlm	
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/13/14 03:47	EPA 8260B	wlm	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/13/14 03:47	EPA 8260B	wlm	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/13/14 03:47	EPA 8260B	wlm	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/13/14 03:47	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/13/14 03:47	EPA 8260B	wlm	
Acrylonitrile	<10.0	10.0		ug/l	03/13/14 03:47	EPA 8260B	wlm	
Bromobenzene	<1.00	1.00		ug/l	03/13/14 03:47	EPA 8260B	wlm	
Bromochloromethane	<1.00	1.00		ug/l	03/13/14 03:47	EPA 8260B	wlm	
Bromodichloromethane	<1.00	1.00		ug/l	03/13/14 03:47	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW10307141345

Date/Time Sampled: 03/07/14 13:45

Laboratory Sample ID: 4C11069-08 (Water/Grab)

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

Bromoform	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
Bromomethane	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
sec-Butylbenzene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
tert-Butylbenzene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
n-Butylbenzene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
Carbon disulfide	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
Chlorobenzene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
Chloroethane	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
Chloroform	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
Chloromethane	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
4-Chlorotoluene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
2-Chlorotoluene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
Dibromochloromethane	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
Dibromomethane	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
trans-1,4-Dichloro-2-butene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
1,2-Dichlorobenzene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm

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 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW10307141345

Date/Time Sampled: 03/07/14 13:45

Laboratory Sample ID: 4C11069-08 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
1,3-Dichlorobenzene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
Dichlorodifluoromethane	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
1,2-Dichloroethane	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
1,1-Dichloroethane	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
trans-1,2-Dichloroethene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
1,1-Dichloroethene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
2,2-Dichloropropane	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
1,3-Dichloropropane	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
1,2-Dichloropropane	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
1,1-Dichloropropene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
Hexachlorobutadiene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
p-Isopropyltoluene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
Methylene chloride	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm
n-Propylbenzene	<1.00	1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
 Reported: 03/18/14 08:22

Client Sample ID: MW10307141345

Date/Time Sampled: 03/07/14 13:45

Laboratory Sample ID: 4C11069-08 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/13/14 03:47	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	89.8 %		70-130		03/13/14 03:47	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	105 %		70-130		03/13/14 03:47	EPA 8260B	wlm	
Surrogate: Fluorobenzene	107 %		70-130		03/13/14 03:47	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 16
Reported:
 03/18/14 08:22

Notes

2e CCV was outside the QC range. Data accepted based on additional batch QC.

Definitions

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

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

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

MBAS, calculated as LAS, mol wt 348

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

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

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

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

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

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

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

Receiver: AD

Chain of Custody Receiving Document

Page of

Date/Time of this check: 3-11-14 14:00 Sample Temperature: 60 Client: Environ. M.L. Lab # UC110697D

Received at Lab on ICE? * Sample Temperature when arrived at Lab: 60 Acceptable? * or In cool down process? *
 Custody Seals? Y Intact? Y

COC/Labels on bottles agree? * Correct containers for all the analysis requested? * 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?)	Other	Property Preserved	Bacti
1							24hr	<input type="checkbox"/> *	<input checked="" type="checkbox"/> *		
2											
3											
4											
5											
6											
7											
8											

*** 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: _____

* Comments: _____

Chain of Custody Receiving Document

This is a date sensitive document and may not be current after March 4, 2014.



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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
Reported:
 03/21/14 08:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW24A0313141100	4C14033-01	Water	Grab	03/13/14 11:00	03/14/14 13:25
MW24B0313141130	4C14033-02	Water	Grab	03/13/14 11:30	03/14/14 13:25
MW180313141215	4C14033-03	Water	Grab	03/13/14 12:15	03/14/14 13:25
MW19A0313141300	4C14033-04	Water	Grab	03/13/14 13:00	03/14/14 13:25
MW19B0313141330	4C14033-05	Water	Grab	03/13/14 13:30	03/14/14 13:25
TRIPBLANK0313140000	4C14033-06	Water	Trip Blank	03/13/14 00:00	03/14/14 13:25

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
 Reported: 03/21/14 08:12

Client Sample ID: MW24A0313141100

Date/Time Sampled: 03/13/14 11:00

Laboratory Sample ID: 4C14033-01 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Benzene	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Toluene	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Ethylbenzene	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Isopropylbenzene	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Methyl tert-butyl ether	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Naphthalene	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
tert- amyl alcohol	<5.00	5.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
tert- amyl ethyl ether	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Tert-amyl methyl ether	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Tert-butyl alcohol	<5.00	5.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Diisopropylether (DIPE)	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Ethyl tert-butyl ether	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Acrylonitrile	<10.0	10.0	ug/l	03/18/14 18:03	EPA 8260B	wlm
Bromobenzene	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Bromochloromethane	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Bromodichloromethane	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm

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 PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
 Reported: 03/21/14 08:12

Client Sample ID: MW24A0313141100

Date/Time Sampled: 03/13/14 11:00

Laboratory Sample ID: 4C14033-01 (Water/Grab)

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

Bromoform	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Bromomethane	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
sec-Butylbenzene	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
tert-Butylbenzene	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
n-Butylbenzene	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Carbon disulfide	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Chlorobenzene	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Chloroethane	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Chloroform	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Chloromethane	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
4-Chlorotoluene	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
2-Chlorotoluene	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Dibromochloromethane	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
Dibromomethane	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
trans-1,4-Dichloro-2-butene	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm
1,2-Dichlorobenzene	<1.00	1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
 Reported: 03/21/14 08:12

Client Sample ID: MW24A0313141100

Date/Time Sampled: 03/13/14 11:00

Laboratory Sample ID: 4C14033-01 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
1,3-Dichlorobenzene	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
Dichlorodifluoromethane	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
1,2-Dichloroethane	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
1,1-Dichloroethane	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
1,1-Dichloroethene	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
2,2-Dichloropropane	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
1,3-Dichloropropane	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
1,2-Dichloropropane	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
1,1-Dichloropropene	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
Hexachlorobutadiene	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
p-Isopropyltoluene	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
Methylene chloride	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	
n-Propylbenzene	<1.00	1.00		ug/l	03/18/14 18:03	EPA 8260B	wlm	

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Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
 Reported: 03/21/14 08:12

Client Sample ID: MW24A0313141100

Date/Time Sampled: 03/13/14 11:00

Laboratory Sample ID: 4C14033-01 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/18/14 18:03	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene		103 %	70-130		03/18/14 18:03	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4		120 %	70-130		03/18/14 18:03	EPA 8260B	wlm	
Surrogate: Fluorobenzene		106 %	70-130		03/18/14 18:03	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
 Reported: 03/21/14 08:12

Client Sample ID: MW24B0313141130

Date/Time Sampled: 03/13/14 11:30

Laboratory Sample ID: 4C14033-02 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm
Benzene	<1.00	1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm
Toluene	<1.00	1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm
Ethylbenzene	<1.00	1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm
Isopropylbenzene	<1.00	1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm
Methyl tert-butyl ether	<1.00	1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm
Naphthalene	<1.00	1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm
tert- amyl alcohol	<5.00	5.00	ug/l	03/18/14 18:32	EPA 8260B	wlm
tert- amyl ethyl ether	<1.00	1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm
Tert-amyl methyl ether	<1.00	1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm
Tert-butyl alcohol	<5.00	5.00	ug/l	03/18/14 18:32	EPA 8260B	wlm
Diisopropylether (DIPE)	<1.00	1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm
Ethyl tert-butyl ether	<1.00	1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm
Acrylonitrile	<10.0	10.0	ug/l	03/18/14 18:32	EPA 8260B	wlm
Bromobenzene	<1.00	1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm
Bromochloromethane	<1.00	1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm
Bromodichloromethane	<1.00	1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
 Reported: 03/21/14 08:12

Client Sample ID: MW24B0313141130

Date/Time Sampled: 03/13/14 11:30

Laboratory Sample ID: 4C14033-02 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
Bromomethane	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
sec-Butylbenzene	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
tert-Butylbenzene	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
n-Butylbenzene	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
Carbon disulfide	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
Chlorobenzene	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
Chloroethane	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
Chloroform	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
Chloromethane	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
4-Chlorotoluene	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
2-Chlorotoluene	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
Dibromochloromethane	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
Dibromomethane	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	

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Project: SHEETZ MANCHESTER
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 Reported: 03/21/14 08:12

Client Sample ID: MW24B0313141130

Date/Time Sampled: 03/13/14 11:30

Laboratory Sample ID: 4C14033-02 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,3-Dichlorobenzene	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
Dichlorodifluoromethane	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,2-Dichloroethane	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,1-Dichloroethane	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,1-Dichloroethene	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
2,2-Dichloropropane	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,3-Dichloropropane	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,2-Dichloropropane	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,1-Dichloropropene	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
Hexachlorobutadiene	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
p-Isopropyltoluene	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
Methylene chloride	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	
n-Propylbenzene	<1.00	1.00		ug/l	03/18/14 18:32	EPA 8260B	wlm	

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Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
 Reported: 03/21/14 08:12

Client Sample ID: MW24B0313141130

Date/Time Sampled: 03/13/14 11:30

Laboratory Sample ID: 4C14033-02 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/18/14 18:32	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene		103 %	70-130		03/18/14 18:32	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4		118 %	70-130		03/18/14 18:32	EPA 8260B	wlm	
Surrogate: Fluorobenzene		107 %	70-130		03/18/14 18:32	EPA 8260B	wlm	

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 PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
 Reported: 03/21/14 08:12

Client Sample ID: MW180313141215

Date/Time Sampled: 03/13/14 12:15

Laboratory Sample ID: 4C14033-03 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	1.08	1.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	
Benzene	<1.00	1.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	
Toluene	<1.00	1.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	
Ethylbenzene	<1.00	1.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	
Isopropylbenzene	<1.00	1.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	
Methyl tert-butyl ether	<1.00	1.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	
Naphthalene	<1.00	1.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	
tert- amyl alcohol	<5.00	5.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	2e
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	
Acrylonitrile	<10.0	10.0		ug/l	03/19/14 23:46	EPA 8260B	mtc	
Bromobenzene	<1.00	1.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	
Bromochloromethane	<1.00	1.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	
Bromodichloromethane	<1.00	1.00		ug/l	03/19/14 23:46	EPA 8260B	mtc	

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Environmental Alliance
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
Reported:
 03/21/14 08:12

Client Sample ID: MW180313141215

Date/Time Sampled: 03/13/14 12:15

Laboratory Sample ID: 4C14033-03 (Water/Grab)

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

Bromoform	<1.00	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
Bromomethane	<1.00	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
sec-Butylbenzene	<1.00	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
tert-Butylbenzene	<1.00	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
n-Butylbenzene	<1.00	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
Carbon disulfide	<1.00	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
Chlorobenzene	<1.00	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
Chloroethane	<1.00	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
Chloroform	2.83	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
Chloromethane	<1.00	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
4-Chlorotoluene	<1.00	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
2-Chlorotoluene	<1.00	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
Dibromochloromethane	<1.00	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
Dibromomethane	<1.00	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
trans-1,4-Dichloro-2-butene	<1.00	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc
1,2-Dichlorobenzene	<1.00	1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc

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Environmental Alliance
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
 Reported: 03/21/14 08:12

Client Sample ID: MW180313141215

Date/Time Sampled: 03/13/14 12:15

Laboratory Sample ID: 4C14033-03 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
1,3-Dichlorobenzene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
Dichlorodifluoromethane	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	2e
1,2-Dichloroethane	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
1,1-Dichloroethane	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
trans-1,2-Dichloroethene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
cis-1,2-Dichloroethene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
1,1-Dichloroethene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
2,2-Dichloropropane	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	2e
1,3-Dichloropropane	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
1,2-Dichloropropane	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
trans-1,3-Dichloropropene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
1,1-Dichloropropene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
cis-1,3-Dichloropropene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
Hexachlorobutadiene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
p-Isopropyltoluene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
Methylene chloride	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
n-Propylbenzene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
 Reported: 03/21/14 08:12

Client Sample ID: MW180313141215

Date/Time Sampled: 03/13/14 12:15

Laboratory Sample ID: 4C14033-03 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
Tetrachloroethene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	2d
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
Trichloroethene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
Vinyl chloride	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
o-Xylene	<1.00		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
m,p-Xylene	1.93		1.00	ug/l	03/19/14 23:46	EPA 8260B	mtc	
<i>Surrogate: 4-Bromofluorobenzene</i>	97.1 %		70-130		03/19/14 23:46	EPA 8260B	mtc	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	92.3 %		70-130		03/19/14 23:46	EPA 8260B	mtc	
<i>Surrogate: Fluorobenzene</i>	102 %		70-130		03/19/14 23:46	EPA 8260B	mtc	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
 Reported: 03/21/14 08:12

Client Sample ID: MW19A0313141300

Date/Time Sampled: 03/13/14 13:00

Laboratory Sample ID: 4C14033-04 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Benzene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Toluene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Ethylbenzene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Isopropylbenzene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Methyl tert-butyl ether	17.1	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Naphthalene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
tert- amyl alcohol	<5.00	5.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Acrylonitrile	<10.0	10.0		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Bromobenzene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Bromochloromethane	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Bromodichloromethane	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	

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Environmental Alliance
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
 Reported: 03/21/14 08:12

Client Sample ID: MW19A0313141300

Date/Time Sampled: 03/13/14 13:00

Laboratory Sample ID: 4C14033-04 (Water/Grab)

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

Bromoform	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
Bromomethane	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
sec-Butylbenzene	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
tert-Butylbenzene	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
n-Butylbenzene	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
Carbon disulfide	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
Chlorobenzene	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
Chloroethane	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
Chloroform	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
Chloromethane	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
4-Chlorotoluene	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
2-Chlorotoluene	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
Dibromochloromethane	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
Dibromomethane	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
trans-1,4-Dichloro-2-butene	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm
1,2-Dichlorobenzene	<1.00	1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm

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Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
 Reported: 03/21/14 08:12

Client Sample ID: MW19A0313141300

Date/Time Sampled: 03/13/14 13:00

Laboratory Sample ID: 4C14033-04 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
1,3-Dichlorobenzene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Dichlorodifluoromethane	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
1,2-Dichloroethane	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
1,1-Dichloroethane	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
1,1-Dichloroethene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
2,2-Dichloropropane	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
1,3-Dichloropropane	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
1,2-Dichloropropane	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
1,1-Dichloropropene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Hexachlorobutadiene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
p-Isopropyltoluene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
Methylene chloride	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	
n-Propylbenzene	<1.00	1.00		ug/l	03/18/14 19:56	EPA 8260B	wlm	

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Project: SHEETZ MANCHESTER
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 Reported: 03/21/14 08:12

Client Sample ID: MW19A0313141300

Date/Time Sampled: 03/13/14 13:00

Laboratory Sample ID: 4C14033-04 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm	
Trichlorofluoromethane	1.01		1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/18/14 19:56	EPA 8260B	wlm	
<i>Surrogate: 4-Bromofluorobenzene</i>		104 %	70-130		03/18/14 19:56	EPA 8260B	wlm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		120 %	70-130		03/18/14 19:56	EPA 8260B	wlm	
<i>Surrogate: Fluorobenzene</i>		109 %	70-130		03/18/14 19:56	EPA 8260B	wlm	

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

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



State Certifications: MD 275, WV 364

www.fairwaylaboratories.com

Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
 Reported: 03/21/14 08:12

Client Sample ID: MW19B0313141330

Date/Time Sampled: 03/13/14 13:30

Laboratory Sample ID: 4C14033-05 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00	1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	<1.00	1.00	1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Benzene	<1.00	1.00	1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Toluene	<1.00	1.00	1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Ethylbenzene	<1.00	1.00	1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Isopropylbenzene	<1.00	1.00	1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Methyl tert-butyl ether	<1.00	1.00	1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Naphthalene	<1.00	1.00	1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
tert- amyl alcohol	<5.00	5.00	5.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	2e
tert- amyl ethyl ether	<1.00	1.00	1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Tert-amyl methyl ether	<1.00	1.00	1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Tert-butyl alcohol	<5.00	5.00	5.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Diisopropylether (DIPE)	<1.00	1.00	1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Ethyl tert-butyl ether	<1.00	1.00	1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Acrylonitrile	<10.0	10.0	10.0	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Bromobenzene	<1.00	1.00	1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Bromochloromethane	<1.00	1.00	1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Bromodichloromethane	<1.00	1.00	1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
Reported:
 03/21/14 08:12

Client Sample ID: MW19B0313141330

Date/Time Sampled: 03/13/14 13:30

Laboratory Sample ID: 4C14033-05 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Bromomethane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
sec-Butylbenzene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
tert-Butylbenzene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
n-Butylbenzene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Carbon disulfide	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Chlorobenzene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Chloroethane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Chloroform	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Chloromethane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
4-Chlorotoluene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
2-Chlorotoluene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Dibromochloromethane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Dibromomethane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	

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 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
 Reported: 03/21/14 08:12

Client Sample ID: MW19B0313141330

Date/Time Sampled: 03/13/14 13:30

Laboratory Sample ID: 4C14033-05 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
1,3-Dichlorobenzene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Dichlorodifluoromethane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	2e
1,2-Dichloroethane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
1,1-Dichloroethane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
trans-1,2-Dichloroethene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
cis-1,2-Dichloroethene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
1,1-Dichloroethene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
2,2-Dichloropropane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	2e
1,3-Dichloropropane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
1,2-Dichloropropane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
trans-1,3-Dichloropropene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
1,1-Dichloropropene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
cis-1,3-Dichloropropene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Hexachlorobutadiene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
p-Isopropyltoluene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Methylene chloride	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
n-Propylbenzene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	

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Environmental Alliance
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 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
 Reported: 03/21/14 08:12

Client Sample ID: MW19B0313141330

Date/Time Sampled: 03/13/14 13:30

Laboratory Sample ID: 4C14033-05 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Tetrachloroethene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	2d
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Trichloroethene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
Vinyl chloride	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
o-Xylene	<1.00		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
m,p-Xylene	1.27		1.00	ug/l	03/20/14 00:24	EPA 8260B	mtc	
<i>Surrogate: 4-Bromofluorobenzene</i>	99.4 %		70-130		03/20/14 00:24	EPA 8260B	mtc	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	91.9 %		70-130		03/20/14 00:24	EPA 8260B	mtc	
<i>Surrogate: Fluorobenzene</i>	101 %		70-130		03/20/14 00:24	EPA 8260B	mtc	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
Reported:
 03/21/14 08:12

Client Sample ID: TRIPBLANK0313140000

Date/Time Sampled: 03/13/14 00:00

Laboratory Sample ID: 4C14033-06 (Water/Trip Blank)

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

Benzene	<1.00		1.00	ug/l	03/20/14 02:19	EPA 8260B	wlm	
Toluene	<1.00		1.00	ug/l	03/20/14 02:19	EPA 8260B	wlm	
Ethylbenzene	<1.00		1.00	ug/l	03/20/14 02:19	EPA 8260B	wlm	
Xylenes (total)	<2.00		2.00	ug/l	03/20/14 02:19	EPA 8260B	wlm	
Methyl tert-butyl ether	<1.00		1.00	ug/l	03/20/14 02:19	EPA 8260B	wlm	
<i>Surrogate: 4-Bromofluorobenzene</i>		99.6 %			03/20/14 02:19	EPA 8260B	wlm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		121 %			03/20/14 02:19	EPA 8260B	wlm	
<i>Surrogate: Fluorobenzene</i>		109 %			03/20/14 02:19	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 10
Reported:
 03/21/14 08:12

Notes

- 2d The LCS spike recovery was outside acceptance limits. Data accepted based on additional batch QC.
- 2e CCV was outside the QC range. Data accepted based on additional batch QC.

Definitions

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

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

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

MBAS, calculated as LAS, mol wt 348

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

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

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

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

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

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

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

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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

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Phone: (814) 946-4306
Fax: (814) 946-8791

FAIRWAY LABORATORIES
Environmental Laboratory

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Pennsdale, PA 17756
Phone: (570) 494-6380

4C14033-01
COC #
Page 1 of 1

Client Name: <u>Environmental Alliance Inc</u> Address: <u>1035 Bedford Blvd Ste H</u> <u>Millersville MD 21108</u> Contact: <u>Cari Finch</u> Phone #: <u>(410)-729-9000</u> Fax #: <u>(410)-729-9001</u> Project Name: <u>Shertz Mandaster</u> Quote/PO #: <u>2486 t-02 PO# 10169</u>		Received on ice? Y N Sample Temp: _____ Reportable to PADEP? Yes <input type="checkbox"/> PWSID # _____		LAB USE ONLY FedEx USPS UPS Other Tracking # _____	
TAT: Normal <input type="checkbox"/> Rush <input checked="" type="checkbox"/> 5 Day <small>Rush TAT subject to pre-approval and surcharge</small> Date Required: ____/____/____		GRAB <input type="checkbox"/> Composite <input type="checkbox"/>		Matrix Solid <input type="checkbox"/> Water <input type="checkbox"/> Other _____	
Sample Description/Location		Composite Start		Composite End	
MW24A		Start Date		End Date	
MW24B		Start Time		End Time	
MW18		Start Date		End Date	
MW19A		Start Time		End Time	
MW19B		Start Date		End Date	
MW19C		Start Time		End Time	
MW19D		Start Date		End Date	
MW19E		Start Time		End Time	
MW19F		Start Date		End Date	
MW19G		Start Time		End Time	
MW19H		Start Date		End Date	
MW19I		Start Time		End Time	
MW19J		Start Date		End Date	
MW19K		Start Time		End Time	
MW19L		Start Date		End Date	
MW19M		Start Time		End Time	
MW19N		Start Date		End Date	
MW19O		Start Time		End Time	
MW19P		Start Date		End Date	
MW19Q		Start Time		End Time	
MW19R		Start Date		End Date	
MW19S		Start Time		End Time	
MW19T		Start Date		End Date	
MW19U		Start Time		End Time	
MW19V		Start Date		End Date	
MW19W		Start Time		End Time	
MW19X		Start Date		End Date	
MW19Y		Start Time		End Time	
MW19Z		Start Date		End Date	
MW20A		Start Time		End Time	
MW20B		Start Date		End Date	
MW20C		Start Time		End Time	
MW20D		Start Date		End Date	
MW20E		Start Time		End Time	
MW20F		Start Date		End Date	
MW20G		Start Time		End Time	
MW20H		Start Date		End Date	
MW20I		Start Time		End Time	
MW20J		Start Date		End Date	
MW20K		Start Time		End Time	
MW20L		Start Date		End Date	
MW20M		Start Time		End Time	
MW20N		Start Date		End Date	
MW20O		Start Time		End Time	
MW20P		Start Date		End Date	
MW20Q		Start Time		End Time	
MW20R		Start Date		End Date	
MW20S		Start Time		End Time	
MW20T		Start Date		End Date	
MW20U		Start Time		End Time	
MW20V		Start Date		End Date	
MW20W		Start Time		End Time	
MW20X		Start Date		End Date	
MW20Y		Start Time		End Time	
MW20Z		Start Date		End Date	
MW21A		Start Time		End Time	
MW21B		Start Date		End Date	
MW21C		Start Time		End Time	
MW21D		Start Date		End Date	
MW21E		Start Time		End Time	
MW21F		Start Date		End Date	
MW21G		Start Time		End Time	
MW21H		Start Date		End Date	
MW21I		Start Time		End Time	
MW21J		Start Date		End Date	
MW21K		Start Time		End Time	
MW21L		Start Date		End Date	
MW21M		Start Time		End Time	
MW21N		Start Date		End Date	
MW21O		Start Time		End Time	
MW21P		Start Date		End Date	
MW21Q		Start Time		End Time	
MW21R		Start Date		End Date	
MW21S		Start Time		End Time	
MW21T		Start Date		End Date	
MW21U		Start Time		End Time	
MW21V		Start Date		End Date	
MW21W		Start Time		End Time	
MW21X		Start Date		End Date	
MW21Y		Start Time		End Time	
MW21Z		Start Date		End Date	
MW22A		Start Time		End Time	
MW22B		Start Date		End Date	
MW22C		Start Time		End Time	
MW22D		Start Date		End Date	
MW22E		Start Time		End Time	
MW22F		Start Date		End Date	
MW22G		Start Time		End Time	
MW22H		Start Date		End Date	
MW22I		Start Time		End Time	
MW22J		Start Date		End Date	
MW22K		Start Time		End Time	
MW22L		Start Date		End Date	
MW22M		Start Time		End Time	
MW22N		Start Date		End Date	
MW22O		Start Time		End Time	
MW22P		Start Date		End Date	
MW22Q		Start Time		End Time	
MW22R		Start Date		End Date	
MW22S		Start Time		End Time	
MW22T		Start Date		End Date	
MW22U		Start Time		End Time	
MW22V		Start Date		End Date	
MW22W		Start Time		End Time	
MW22X		Start Date		End Date	
MW22Y		Start Time		End Time	
MW22Z		Start Date		End Date	
MW23A		Start Time		End Time	
MW23B		Start Date		End Date	
MW23C		Start Time		End Time	
MW23D		Start Date		End Date	
MW23E		Start Time		End Time	
MW23F		Start Date		End Date	
MW23G		Start Time		End Time	
MW23H		Start Date		End Date	
MW23I		Start Time		End Time	
MW23J		Start Date		End Date	
MW23K		Start Time		End Time	
MW23L		Start Date		End Date	
MW23M		Start Time		End Time	
MW23N		Start Date		End Date	
MW23O		Start Time		End Time	
MW23P		Start Date		End Date	
MW23Q		Start Time		End Time	
MW23R		Start Date		End Date	
MW23S		Start Time		End Time	
MW23T		Start Date		End Date	
MW23U		Start Time		End Time	
MW23V		Start Date		End Date	
MW23W		Start Time		End Time	
MW23X		Start Date		End Date	
MW23Y		Start Time		End Time	
MW23Z		Start Date		End Date	
MW24A		Start Time		End Time	
MW24B		Start Date		End Date	
MW24C		Start Time		End Time	
MW24D		Start Date		End Date	
MW24E		Start Time		End Time	
MW24F		Start Date		End Date	
MW24G		Start Time		End Time	
MW24H		Start Date		End Date	
MW24I		Start Time		End Time	
MW24J		Start Date		End Date	
MW24K		Start Time		End Time	
MW24L		Start Date		End Date	
MW24M		Start Time		End Time	
MW24N		Start Date		End Date	
MW24O		Start Time		End Time	
MW24P		Start Date		End Date	
MW24Q		Start Time		End Time	
MW24R		Start Date		End Date	
MW24S		Start Time		End Time	
MW24T		Start Date		End Date	
MW24U		Start Time		End Time	
MW24V		Start Date		End Date	
MW24W		Start Time		End Time	
MW24X		Start Date		End Date	
MW24Y		Start Time		End Time	
MW24Z		Start Date		End Date	
MW25A		Start Time		End Time	
MW25B		Start Date		End Date	
MW25C		Start Time		End Time	
MW25D		Start Date		End Date	
MW25E		Start Time		End Time	
MW25F		Start Date		End Date	
MW25G		Start Time		End Time	
MW25H		Start Date		End Date	
MW25I		Start Time		End Time	
MW25J		Start Date		End Date	
MW25K		Start Time		End Time	
MW25L		Start Date		End Date	
MW25M		Start Time		End Time	
MW25N		Start Date		End Date	
MW25O		Start Time		End Time	
MW25P		Start Date		End Date	
MW25Q		Start Time		End Time	
MW25R		Start Date		End Date	
MW25S		Start Time		End Time	
MW25T		Start Date		End Date	
MW25U		Start Time		End Time	

Chain of Custody Receiving Document

Receiver: CB Page of

Date/Time of this check: 3/14 12:50 Sample Temperature: 4.4 Client: ENV. Awarase Lab # 4C1403-02

Received at Lab on ICE? * Sample Temperature when arrived at Lab: 4.4 Acceptable? * or In cool down process? *
 Custody Seals? Y Intact? Y

COC/Labels on bottles agree? * Correct containers for all the analysis requested? * 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							2 H ₂ O	
2							1 H ₂ O	
3								
4								
5								
TR3							1 H ₂ O	

*** DEVIATION PRESENT:**

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

CLIENT CALLED: YES () By Whom: _____ Date: _____

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

Client Contact: _____ Date: _____

* Comments: _____

Chain of Custody Receiving Document

This is a date sensitive document and may not be current after March 12, 2014.



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State Certifications: MD 275, WV 364

Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
Reported:
 03/25/14 08:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW27A0312141100	4C14035-01	Water	Grab	03/12/14 11:00	03/14/14 13:25
MW27B0312141130	4C14035-02	Water	Grab	03/12/14 11:30	03/14/14 13:25
MW280312141200	4C14035-03	Water	Grab	03/12/14 12:00	03/14/14 13:25
MW15A0312141300	4C14035-04	Water	Grab	03/12/14 13:00	03/14/14 13:25
MW15B0312141345	4C14035-05	Water	Grab	03/12/14 13:45	03/14/14 13:25
MW160312141445	4C14035-06	Water	Grab	03/12/14 14:45	03/14/14 13:25

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW27A0312141100

Date/Time Sampled: 03/12/14 11:00

Laboratory Sample ID: 4C14035-01 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	
Benzene	<1.00	1.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	
Toluene	<1.00	1.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	
Ethylbenzene	<1.00	1.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	
Isopropylbenzene	<1.00	1.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	
Methyl tert-butyl ether	<1.00	1.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	
Naphthalene	<1.00	1.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	
tert- amyl alcohol	<5.00	5.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	2e
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	
Acrylonitrile	<10.0	10.0		ug/l	03/20/14 01:01	EPA 8260B	mtc	
Bromobenzene	<1.00	1.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	
Bromochloromethane	<1.00	1.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	
Bromodichloromethane	<1.00	1.00		ug/l	03/20/14 01:01	EPA 8260B	mtc	

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 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
Reported:
 03/25/14 08:45

Client Sample ID: MW27A0312141100

Date/Time Sampled: 03/12/14 11:00

Laboratory Sample ID: 4C14035-01 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
Bromomethane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
sec-Butylbenzene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
tert-Butylbenzene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
n-Butylbenzene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
Carbon disulfide	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
Chlorobenzene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
Chloroethane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
Chloroform	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
Chloromethane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
4-Chlorotoluene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
2-Chlorotoluene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
Dibromochloromethane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
Dibromomethane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	

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 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW27A0312141100

Date/Time Sampled: 03/12/14 11:00

Laboratory Sample ID: 4C14035-01 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
1,3-Dichlorobenzene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
Dichlorodifluoromethane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	2e
1,2-Dichloroethane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
1,1-Dichloroethane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
trans-1,2-Dichloroethene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
cis-1,2-Dichloroethene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
1,1-Dichloroethene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
2,2-Dichloropropane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	2e
1,3-Dichloropropane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
1,2-Dichloropropane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
trans-1,3-Dichloropropene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
1,1-Dichloropropene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
cis-1,3-Dichloropropene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
Hexachlorobutadiene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
p-Isopropyltoluene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
Methylene chloride	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
n-Propylbenzene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW27A0312141100

Date/Time Sampled: 03/12/14 11:00

Laboratory Sample ID: 4C14035-01 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
Tetrachloroethene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	2d
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
Trichloroethene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
Vinyl chloride	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
o-Xylene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
m,p-Xylene	<1.00		1.00	ug/l	03/20/14 01:01	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	98.7 %		70-130		03/20/14 01:01	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	92.2 %		70-130		03/20/14 01:01	EPA 8260B	mtc	
Surrogate: Fluorobenzene	102 %		70-130		03/20/14 01:01	EPA 8260B	mtc	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW27B0312141130

Date/Time Sampled: 03/12/14 11:30

Laboratory Sample ID: 4C14035-02 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	
Benzene	<1.00	1.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	
Toluene	<1.00	1.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	
Ethylbenzene	<1.00	1.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	
Isopropylbenzene	<1.00	1.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	
Methyl tert-butyl ether	3.60	1.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	
Naphthalene	<1.00	1.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	
tert- amyl alcohol	<5.00	5.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	
Acrylonitrile	<10.0	10.0		ug/l	03/19/14 09:07	EPA 8260B	mtc	
Bromobenzene	<1.00	1.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	
Bromochloromethane	<1.00	1.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	
Bromodichloromethane	<1.00	1.00		ug/l	03/19/14 09:07	EPA 8260B	mtc	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW27B0312141130

Date/Time Sampled: 03/12/14 11:30

Laboratory Sample ID: 4C14035-02 (Water/Grab)

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

Bromoform	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
Bromomethane	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
sec-Butylbenzene	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
tert-Butylbenzene	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
n-Butylbenzene	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
Carbon disulfide	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
Chlorobenzene	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
Chloroethane	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
Chloroform	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
Chloromethane	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
4-Chlorotoluene	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
2-Chlorotoluene	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
Dibromochloromethane	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
Dibromomethane	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
trans-1,4-Dichloro-2-butene	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc
1,2-Dichlorobenzene	<1.00	1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc

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 PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW27B0312141130

Date/Time Sampled: 03/12/14 11:30

Laboratory Sample ID: 4C14035-02 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
1,3-Dichlorobenzene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
Dichlorodifluoromethane	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	2e
1,2-Dichloroethane	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
1,1-Dichloroethane	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
trans-1,2-Dichloroethene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
cis-1,2-Dichloroethene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
1,1-Dichloroethene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
2,2-Dichloropropane	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	2d
1,3-Dichloropropane	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
1,2-Dichloropropane	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
trans-1,3-Dichloropropene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
1,1-Dichloropropene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
cis-1,3-Dichloropropene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
Hexachlorobutadiene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
p-Isopropyltoluene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
Methylene chloride	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
n-Propylbenzene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	

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 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW27B0312141130

Date/Time Sampled: 03/12/14 11:30

Laboratory Sample ID: 4C14035-02 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
Tetrachloroethene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
Trichloroethene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
Vinyl chloride	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
o-Xylene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
m,p-Xylene	<1.00		1.00	ug/l	03/19/14 09:07	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	96.6 %		70-130		03/19/14 09:07	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	84.4 %		70-130		03/19/14 09:07	EPA 8260B	mtc	
Surrogate: Fluorobenzene	99.9 %		70-130		03/19/14 09:07	EPA 8260B	mtc	

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 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW280312141200

Date/Time Sampled: 03/12/14 12:00

Laboratory Sample ID: 4C14035-03 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Benzene	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Toluene	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Ethylbenzene	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Isopropylbenzene	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Methyl tert-butyl ether	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Naphthalene	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
tert- amyl alcohol	<5.00	5.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
tert- amyl ethyl ether	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Tert-amyl methyl ether	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Tert-butyl alcohol	<5.00	5.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Diisopropylether (DIPE)	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Ethyl tert-butyl ether	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Acrylonitrile	<10.0	10.0	ug/l	03/19/14 09:45	EPA 8260B	mtc
Bromobenzene	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Bromochloromethane	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Bromodichloromethane	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc

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Environmental Alliance
 1035 Benfield Blvd. Suite H
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW280312141200

Date/Time Sampled: 03/12/14 12:00

Laboratory Sample ID: 4C14035-03 (Water/Grab)

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

Bromoform	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Bromomethane	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
sec-Butylbenzene	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
tert-Butylbenzene	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
n-Butylbenzene	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Carbon disulfide	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Chlorobenzene	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Chloroethane	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Chloroform	1.05	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Chloromethane	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
4-Chlorotoluene	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
2-Chlorotoluene	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Dibromochloromethane	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
Dibromomethane	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
trans-1,4-Dichloro-2-butene	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc
1,2-Dichlorobenzene	<1.00	1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW280312141200

Date/Time Sampled: 03/12/14 12:00

Laboratory Sample ID: 4C14035-03 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
1,3-Dichlorobenzene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
Dichlorodifluoromethane	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	2e
1,2-Dichloroethane	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
1,1-Dichloroethane	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
trans-1,2-Dichloroethene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
cis-1,2-Dichloroethene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
1,1-Dichloroethene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
2,2-Dichloropropane	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	2d
1,3-Dichloropropane	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
1,2-Dichloropropane	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
trans-1,3-Dichloropropene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
1,1-Dichloropropene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
cis-1,3-Dichloropropene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
Hexachlorobutadiene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
p-Isopropyltoluene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
Methylene chloride	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
n-Propylbenzene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW280312141200

Date/Time Sampled: 03/12/14 12:00

Laboratory Sample ID: 4C14035-03 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
Tetrachloroethene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
Trichloroethene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
Vinyl chloride	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
o-Xylene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
m,p-Xylene	<1.00		1.00	ug/l	03/19/14 09:45	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	96.1 %		70-130		03/19/14 09:45	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	85.3 %		70-130		03/19/14 09:45	EPA 8260B	mtc	
Surrogate: Fluorobenzene	99.9 %		70-130		03/19/14 09:45	EPA 8260B	mtc	

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Environmental Alliance
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 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW15A0312141300

Date/Time Sampled: 03/12/14 13:00

Laboratory Sample ID: 4C14035-04 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	
Benzene	<1.00	1.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	
Toluene	<1.00	1.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	
Ethylbenzene	<1.00	1.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	
Isopropylbenzene	<1.00	1.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	
Methyl tert-butyl ether	<1.00	1.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	
Naphthalene	<1.00	1.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	
tert- amyl alcohol	<5.00	5.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	2e
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	
Acrylonitrile	<10.0	10.0		ug/l	03/22/14 13:50	EPA 8260B	wlm	
Bromobenzene	<1.00	1.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	
Bromochloromethane	<1.00	1.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	
Bromodichloromethane	<1.00	1.00		ug/l	03/22/14 13:50	EPA 8260B	wlm	

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



State Certifications: MD 275, WV 364

www.fairwaylaboratories.com

Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW15A0312141300

Date/Time Sampled: 03/12/14 13:00

Laboratory Sample ID: 4C14035-04 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
Bromomethane	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
sec-Butylbenzene	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
tert-Butylbenzene	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
n-Butylbenzene	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
Carbon disulfide	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
Chlorobenzene	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
Chloroethane	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
Chloroform	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
Chloromethane	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
4-Chlorotoluene	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
2-Chlorotoluene	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	2e
Dibromochloromethane	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
Dibromomethane	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	

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 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW15A0312141300

Date/Time Sampled: 03/12/14 13:00

Laboratory Sample ID: 4C14035-04 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
1,3-Dichlorobenzene	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
Dichlorodifluoromethane	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
1,2-Dichloroethane	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
1,1-Dichloroethane	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
trans-1,2-Dichloroethene	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
1,1-Dichloroethene	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
2,2-Dichloropropane	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
1,3-Dichloropropane	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
1,2-Dichloropropane	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
1,1-Dichloropropene	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
Hexachlorobutadiene	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
p-Isopropyltoluene	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
Methylene chloride	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm
n-Propylbenzene	<1.00	1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW15A0312141300

Date/Time Sampled: 03/12/14 13:00

Laboratory Sample ID: 4C14035-04 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/22/14 13:50	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	98.6 %		70-130		03/22/14 13:50	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	126 %		70-130		03/22/14 13:50	EPA 8260B	wlm	
Surrogate: Fluorobenzene	113 %		70-130		03/22/14 13:50	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW15B0312141345

Date/Time Sampled: 03/12/14 13:45

Laboratory Sample ID: 4C14035-05 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
Benzene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
Toluene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
Ethylbenzene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
Isopropylbenzene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
Methyl tert-butyl ether	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
Naphthalene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
tert- amyl alcohol	<5.00	5.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
tert- amyl ethyl ether	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
Tert-amyl methyl ether	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
Tert-butyl alcohol	<5.00	5.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
Diisopropylether (DIPE)	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
Ethyl tert-butyl ether	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
Acrylonitrile	<10.0	10.0	ug/l	03/20/14 07:57	EPA 8260B	wlm
Bromobenzene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
Bromochloromethane	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
Bromodichloromethane	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm

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Environmental Alliance
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW15B0312141345

Date/Time Sampled: 03/12/14 13:45

Laboratory Sample ID: 4C14035-05 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	2d
Bromomethane	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
sec-Butylbenzene	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
tert-Butylbenzene	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
n-Butylbenzene	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
Carbon disulfide	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
Chlorobenzene	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
Chloroethane	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
Chloroform	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
Chloromethane	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
4-Chlorotoluene	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
2-Chlorotoluene	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
Dibromochloromethane	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
Dibromomethane	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	

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Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW15B0312141345

Date/Time Sampled: 03/12/14 13:45

Laboratory Sample ID: 4C14035-05 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
1,3-Dichlorobenzene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
Dichlorodifluoromethane	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
1,2-Dichloroethane	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
1,1-Dichloroethane	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
trans-1,2-Dichloroethene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
1,1-Dichloroethene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
2,2-Dichloropropane	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
1,3-Dichloropropane	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
1,2-Dichloropropane	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
1,1-Dichloropropene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
Hexachlorobutadiene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
p-Isopropyltoluene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
Methylene chloride	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm
n-Propylbenzene	<1.00	1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm

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Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW15B0312141345

Date/Time Sampled: 03/12/14 13:45

Laboratory Sample ID: 4C14035-05 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	2d
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/20/14 07:57	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	97.9 %		70-130		03/20/14 07:57	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	119 %		70-130		03/20/14 07:57	EPA 8260B	wlm	
Surrogate: Fluorobenzene	108 %		70-130		03/20/14 07:57	EPA 8260B	wlm	

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 PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW160312141445

Date/Time Sampled: 03/12/14 14:45

Laboratory Sample ID: 4C14035-06 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm
Benzene	<1.00	1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm
Toluene	<1.00	1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm
Ethylbenzene	<1.00	1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm
Isopropylbenzene	<1.00	1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm
Methyl tert-butyl ether	<1.00	1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm
Naphthalene	<1.00	1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm
tert- amyl alcohol	<5.00	5.00	ug/l	03/20/14 08:25	EPA 8260B	wlm
tert- amyl ethyl ether	<1.00	1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm
Tert-amyl methyl ether	<1.00	1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm
Tert-butyl alcohol	<5.00	5.00	ug/l	03/20/14 08:25	EPA 8260B	wlm
Diisopropylether (DIPE)	<1.00	1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm
Ethyl tert-butyl ether	<1.00	1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm
Acrylonitrile	<10.0	10.0	ug/l	03/20/14 08:25	EPA 8260B	wlm
Bromobenzene	<1.00	1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm
Bromochloromethane	<1.00	1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm
Bromodichloromethane	<1.00	1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW160312141445

Date/Time Sampled: 03/12/14 14:45

Laboratory Sample ID: 4C14035-06 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	2d
Bromomethane	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
sec-Butylbenzene	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
tert-Butylbenzene	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
n-Butylbenzene	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
Carbon disulfide	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
Chlorobenzene	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
Chloroethane	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
Chloroform	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
Chloromethane	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
4-Chlorotoluene	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
2-Chlorotoluene	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
Dibromochloromethane	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
Dibromomethane	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	

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Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW160312141445

Date/Time Sampled: 03/12/14 14:45

Laboratory Sample ID: 4C14035-06 (Water/Grab)

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

Volatile Organic Compounds by EPA Method 8260B

1,4-Dichlorobenzene	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
1,3-Dichlorobenzene	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
Dichlorodifluoromethane	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
1,2-Dichloroethane	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
1,1-Dichloroethane	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
1,1-Dichloroethene	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
2,2-Dichloropropane	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
1,3-Dichloropropane	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
1,2-Dichloropropane	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
1,1-Dichloropropene	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
Hexachlorobutadiene	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
p-Isopropyltoluene	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
Methylene chloride	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	
n-Propylbenzene	<1.00	1.00		ug/l	03/20/14 08:25	EPA 8260B	wlm	

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Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
 Reported: 03/25/14 08:45

Client Sample ID: MW160312141445

Date/Time Sampled: 03/12/14 14:45

Laboratory Sample ID: 4C14035-06 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	2d
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/20/14 08:25	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	97.4 %		70-130		03/20/14 08:25	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	118 %		70-130		03/20/14 08:25	EPA 8260B	wlm	
Surrogate: Fluorobenzene	108 %		70-130		03/20/14 08:25	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486 T:02
 Collector: CLIENT
 Number of Containers: 8
Reported:
 03/25/14 08:45

Notes

- 2d The LCS spike recovery was outside acceptance limits. Data accepted based on additional batch QC.
- 2e CCV was outside the QC range. Data accepted based on additional batch QC.

Definitions

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

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

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

MBAS, calculated as LAS, mol wt 348

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

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

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

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

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

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

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

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Chain of Custody Receiving Document

Receiver: EB

Page of

Date/Time of this check: 3/14 13:50 Sample Temperature: 4.4 Client: Env. Advance Lab # 4C14035-02

Received at Lab on ICE? * Sample Temperature when arrived at Lab: 4.4 Acceptable? * or In cool down process? *

Custody Seals? Y Intact? Y

COC/Labels on bottles agree? * Correct containers for all the analysis requested? * Matrix: Water

COC #	Number and Type of BOTTLES						Comments			
	Poly Non-Pres.	Poly H2SO4	Poly HNO3	Amber H2SO4 Pres.	Amber Non-Pres.	Poly NaOH		VOCS (Head space?)	Other	Properly Preserved
1							2H ₂ O	<input type="checkbox"/> *	<input type="checkbox"/> *	
2										
3										
4										
5										
6										

* DEVIATION PRESENT:

No Ice ()

Not at Proper Temperature ()

Wrong Container ()

Missing Information: ()

CLIENT CALLED: YES ()

By Whom: CMOY Date: 3/14

EMAIL: CARI

CLIENT RESPONSE:

Proceed with analysis; quality data ()

Will Resample ()

Provided Information ()

No Response; Proceed and qualified ()

Client Contact: MARK Date: 3/14

* Comments: MW 15B AND MW16 WATER NOT SEEN.

* CHGTS WILL SEND SAMPLES TO FILE 3/17 3:18 - REVD 3/17 16:55 @ 4.4'

Chain of Custody Receiving Document

This is a date sensitive document and may not be current after March 12, 2014.



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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
Reported:
 03/25/14 08:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW100314141015	4C18002-01	Water	Grab	03/14/14 10:15	03/17/14 16:55
MW90314141030	4C18002-02	Water	Grab	03/14/14 10:30	03/17/14 16:55
MW110314141045	4C18002-03	Water	Grab	03/14/14 10:45	03/17/14 16:55
MW20314141100	4C18002-04	Water	Grab	03/14/14 11:00	03/17/14 16:55
MW17D0314141115	4C18002-05	Water	Grab	03/14/14 11:15	03/17/14 16:55
MW50314141130	4C18002-06	Water	Grab	03/14/14 11:30	03/17/14 16:55
MW80314141145	4C18002-07	Water	Grab	03/14/14 11:45	03/17/14 16:55
FB0314141330	4C18002-08	Water	Blank (Field)	03/14/14 13:30	03/17/14 16:55
MW21D0314141300	4C18002-09	Water	Grab	03/14/14 13:00	03/17/14 16:55

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW100314141015

Date/Time Sampled: 03/14/14 10:15

Laboratory Sample ID: 4C18002-01 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00	1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	<1.00	1.00	1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Benzene	<1.00	1.00	1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Toluene	<1.00	1.00	1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Ethylbenzene	<1.00	1.00	1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Isopropylbenzene	<1.00	1.00	1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Methyl tert-butyl ether	<1.00	1.00	1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Naphthalene	<1.00	1.00	1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
tert- amyl alcohol	<5.00	5.00	5.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	2e
tert- amyl ethyl ether	<1.00	1.00	1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Tert-amyl methyl ether	<1.00	1.00	1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Tert-butyl alcohol	<5.00	5.00	5.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Diisopropylether (DIPE)	<1.00	1.00	1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Ethyl tert-butyl ether	<1.00	1.00	1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Acrylonitrile	<10.0	10.0	10.0	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Bromobenzene	<1.00	1.00	1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Bromochloromethane	<1.00	1.00	1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Bromodichloromethane	<1.00	1.00	1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	

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Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW100314141015

Date/Time Sampled: 03/14/14 10:15

Laboratory Sample ID: 4C18002-01 (Water/Grab)

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

Volatile Organic Compounds by EPA Method 8260B

Bromoform	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Bromomethane	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
sec-Butylbenzene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
tert-Butylbenzene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
n-Butylbenzene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Carbon disulfide	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Chlorobenzene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Chloroethane	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Chloroform	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Chloromethane	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	2e
4-Chlorotoluene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
2-Chlorotoluene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Dibromochloromethane	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Dibromomethane	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	

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 PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

www.fairwaylaboratories.com

Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW100314141015

Date/Time Sampled: 03/14/14 10:15

Laboratory Sample ID: 4C18002-01 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
1,3-Dichlorobenzene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Dichlorodifluoromethane	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	2e
1,2-Dichloroethane	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
1,1-Dichloroethane	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
trans-1,2-Dichloroethene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
cis-1,2-Dichloroethene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
1,1-Dichloroethene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
2,2-Dichloropropane	<1.00		1.00	ug/l	03/20/14 17:49	EPA 8260B	mtc	
1,3-Dichloropropane	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
1,2-Dichloropropane	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
trans-1,3-Dichloropropene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
1,1-Dichloropropene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
cis-1,3-Dichloropropene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Hexachlorobutadiene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
p-Isopropyltoluene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Methylene chloride	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
n-Propylbenzene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	

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 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW100314141015

Date/Time Sampled: 03/14/14 10:15

Laboratory Sample ID: 4C18002-01 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Tetrachloroethene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Trichloroethene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Vinyl chloride	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	2e
o-Xylene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
m,p-Xylene	<1.00		1.00	ug/l	03/20/14 01:20	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	96.6 %		70-130		03/20/14 01:20	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	91.2 %		70-130		03/20/14 01:20	EPA 8260B	mtc	
Surrogate: Fluorobenzene	101 %		70-130		03/20/14 01:20	EPA 8260B	mtc	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW90314141030

Date/Time Sampled: 03/14/14 10:30

Laboratory Sample ID: 4C18002-02 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Benzene	<1.00	1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Toluene	<1.00	1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Ethylbenzene	<1.00	1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Isopropylbenzene	<1.00	1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Methyl tert-butyl ether	4.23	1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Naphthalene	<1.00	1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
tert- amyl alcohol	<5.00	5.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	2e
tert- amyl ethyl ether	<1.00	1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Tert-amyl methyl ether	<1.00	1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Tert-butyl alcohol	<5.00	5.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Diisopropylether (DIPE)	<1.00	1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Ethyl tert-butyl ether	<1.00	1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Acrylonitrile	<10.0	10.0	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Bromobenzene	<1.00	1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Bromochloromethane	<1.00	1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Bromodichloromethane	<1.00	1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	

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 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW90314141030

Date/Time Sampled: 03/14/14 10:30

Laboratory Sample ID: 4C18002-02 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Bromomethane	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
sec-Butylbenzene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
tert-Butylbenzene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
n-Butylbenzene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Carbon disulfide	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Chlorobenzene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Chloroethane	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Chloroform	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Chloromethane	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	2b, 2e
4-Chlorotoluene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
2-Chlorotoluene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Dibromochloromethane	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Dibromomethane	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	

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Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW90314141030

Date/Time Sampled: 03/14/14 10:30

Laboratory Sample ID: 4C18002-02 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
1,3-Dichlorobenzene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Dichlorodifluoromethane	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	2b, 2e
1,2-Dichloroethane	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
1,1-Dichloroethane	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
trans-1,2-Dichloroethene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
cis-1,2-Dichloroethene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
1,1-Dichloroethene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
2,2-Dichloropropane	<1.00		1.00	ug/l	03/20/14 18:26	EPA 8260B	mtc	
1,3-Dichloropropane	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
1,2-Dichloropropane	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
trans-1,3-Dichloropropene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
1,1-Dichloropropene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
cis-1,3-Dichloropropene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Hexachlorobutadiene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
p-Isopropyltoluene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Methylene chloride	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
n-Propylbenzene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW90314141030

Date/Time Sampled: 03/14/14 10:30

Laboratory Sample ID: 4C18002-02 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Tetrachloroethene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Trichloroethene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Vinyl chloride	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	2e
o-Xylene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
m,p-Xylene	<1.00		1.00	ug/l	03/20/14 02:35	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	96.6 %		70-130		03/20/14 02:35	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	91.7 %		70-130		03/20/14 02:35	EPA 8260B	mtc	
Surrogate: Fluorobenzene	100 %		70-130		03/20/14 02:35	EPA 8260B	mtc	

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Environmental Alliance
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
Reported:
 03/25/14 08:12

Client Sample ID: MW110314141045

Date/Time Sampled: 03/14/14 10:45

Laboratory Sample ID: 4C18002-03 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Benzene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Toluene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Ethylbenzene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Isopropylbenzene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Methyl tert-butyl ether	24.8		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Naphthalene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
tert- amyl alcohol	<5.00		5.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	2e
tert- amyl ethyl ether	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Tert-amyl methyl ether	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Tert-butyl alcohol	<5.00		5.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Diisopropylether (DIPE)	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Ethyl tert-butyl ether	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Acrylonitrile	<10.0		10.0	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Bromobenzene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Bromochloromethane	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Bromodichloromethane	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	

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 PaDEP: PA 41-04684



State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW110314141045

Date/Time Sampled: 03/14/14 10:45

Laboratory Sample ID: 4C18002-03 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Bromomethane	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
sec-Butylbenzene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
tert-Butylbenzene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
n-Butylbenzene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Carbon disulfide	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Chlorobenzene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Chloroethane	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Chloroform	1.48		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Chloromethane	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
4-Chlorotoluene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
2-Chlorotoluene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Dibromochloromethane	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Dibromomethane	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW110314141045

Date/Time Sampled: 03/14/14 10:45

Laboratory Sample ID: 4C18002-03 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	
1,3-Dichlorobenzene	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	
Dichlorodifluoromethane	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	
1,2-Dichloroethane	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	
1,1-Dichloroethane	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	
trans-1,2-Dichloroethene	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	
cis-1,2-Dichloroethene	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	
1,1-Dichloroethene	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	
2,2-Dichloropropane	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	2e
1,3-Dichloropropane	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	
1,2-Dichloropropane	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	
trans-1,3-Dichloropropene	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	
1,1-Dichloropropene	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	
cis-1,3-Dichloropropene	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	
Hexachlorobutadiene	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	
p-Isopropyltoluene	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	
Methylene chloride	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	
n-Propylbenzene	<1.00	1.00		ug/l	03/20/14 15:49	EPA 8260B	mtc	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW110314141045

Date/Time Sampled: 03/14/14 10:45

Laboratory Sample ID: 4C18002-03 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Tetrachloroethene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	2e
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Trichloroethene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	2e
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Vinyl chloride	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
o-Xylene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
m,p-Xylene	<1.00		1.00	ug/l	03/20/14 15:49	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	96.4 %		70-130		03/20/14 15:49	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	86.3 %		70-130		03/20/14 15:49	EPA 8260B	mtc	
Surrogate: Fluorobenzene	100 %		70-130		03/20/14 15:49	EPA 8260B	mtc	

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 1035 Benfield Blvd. Suite H
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
Reported:
 03/25/14 08:12

Client Sample ID: MW20314141100

Date/Time Sampled: 03/14/14 11:00

Laboratory Sample ID: 4C18002-04 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Benzene	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Toluene	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Ethylbenzene	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Isopropylbenzene	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Methyl tert-butyl ether	31.5		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Naphthalene	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
tert- amyl alcohol	<5.00		5.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	2e
tert- amyl ethyl ether	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Tert-amyl methyl ether	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Tert-butyl alcohol	<5.00		5.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Diisopropylether (DIPE)	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Ethyl tert-butyl ether	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Acrylonitrile	<10.0		10.0	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Bromobenzene	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Bromochloromethane	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Bromodichloromethane	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW20314141100

Date/Time Sampled: 03/14/14 11:00

Laboratory Sample ID: 4C18002-04 (Water/Grab)

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

Bromoform	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
Bromomethane	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
sec-Butylbenzene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
tert-Butylbenzene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
n-Butylbenzene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
Carbon disulfide	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
Chlorobenzene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
Chloroethane	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
Chloroform	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
Chloromethane	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
4-Chlorotoluene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
2-Chlorotoluene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
Dibromochloromethane	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
Dibromomethane	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
trans-1,4-Dichloro-2-butene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc
1,2-Dichlorobenzene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc

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Environmental Alliance
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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW20314141100

Date/Time Sampled: 03/14/14 11:00

Laboratory Sample ID: 4C18002-04 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
1,3-Dichlorobenzene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Dichlorodifluoromethane	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
1,2-Dichloroethane	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
1,1-Dichloroethane	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
trans-1,2-Dichloroethene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
1,1-Dichloroethene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
2,2-Dichloropropane	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	2e
1,3-Dichloropropane	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
1,2-Dichloropropane	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
1,1-Dichloropropene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Hexachlorobutadiene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
p-Isopropyltoluene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Methylene chloride	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
n-Propylbenzene	<1.00	1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	

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Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW20314141100

Date/Time Sampled: 03/14/14 11:00

Laboratory Sample ID: 4C18002-04 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Tetrachloroethene	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	2e
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Trichloroethene	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	2e
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Vinyl chloride	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
o-Xylene	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
m,p-Xylene	<1.00		1.00	ug/l	03/20/14 16:26	EPA 8260B	mtc	
Surrogate: 4-Bromofluorobenzene	95.8 %		70-130		03/20/14 16:26	EPA 8260B	mtc	
Surrogate: 1,2-Dichloroethane-d4	86.8 %		70-130		03/20/14 16:26	EPA 8260B	mtc	
Surrogate: Fluorobenzene	100 %		70-130		03/20/14 16:26	EPA 8260B	mtc	

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State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW17D0314141115

Date/Time Sampled: 03/14/14 11:15

Laboratory Sample ID: 4C18002-05 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Benzene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Toluene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Ethylbenzene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Isopropylbenzene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Methyl tert-butyl ether	4.86	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Naphthalene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
tert- amyl alcohol	<5.00	5.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Acrylonitrile	<10.0	10.0		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Bromobenzene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Bromochloromethane	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Bromodichloromethane	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	

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 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW17D0314141115

Date/Time Sampled: 03/14/14 11:15

Laboratory Sample ID: 4C18002-05 (Water/Grab)

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

Bromoform	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
Bromomethane	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
sec-Butylbenzene	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
tert-Butylbenzene	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
n-Butylbenzene	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
Carbon disulfide	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
Chlorobenzene	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
Chloroethane	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
Chloroform	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
Chloromethane	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
4-Chlorotoluene	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
2-Chlorotoluene	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
Dibromochloromethane	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
1,2-Dibromoethane (EDB)	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
Dibromomethane	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
trans-1,4-Dichloro-2-butene	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm
1,2-Dichlorobenzene	<1.00	1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW17D0314141115

Date/Time Sampled: 03/14/14 11:15

Laboratory Sample ID: 4C18002-05 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
1,3-Dichlorobenzene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Dichlorodifluoromethane	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
1,2-Dichloroethane	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
1,1-Dichloroethane	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
1,1-Dichloroethene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
2,2-Dichloropropane	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	2d
1,3-Dichloropropane	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
1,2-Dichloropropane	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
1,1-Dichloropropene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Hexachlorobutadiene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
p-Isopropyltoluene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
Methylene chloride	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	
n-Propylbenzene	<1.00	1.00		ug/l	03/21/14 02:21	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW17D0314141115

Date/Time Sampled: 03/14/14 11:15

Laboratory Sample ID: 4C18002-05 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/21/14 02:21	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	95.6 %		70-130		03/21/14 02:21	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	111 %		70-130		03/21/14 02:21	EPA 8260B	wlm	
Surrogate: Fluorobenzene	103 %		70-130		03/21/14 02:21	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW50314141130

Date/Time Sampled: 03/14/14 11:30

Laboratory Sample ID: 4C18002-06 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	
Benzene	<1.00	1.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	
Toluene	<1.00	1.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	
Ethylbenzene	<1.00	1.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	
Isopropylbenzene	<1.00	1.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	
Methyl tert-butyl ether	32.6	1.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	
Naphthalene	<1.00	1.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	
tert- amyl alcohol	<5.00	5.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	
Acrylonitrile	<10.0	10.0		ug/l	03/22/14 04:25	EPA 8260B	wlm	
Bromobenzene	<1.00	1.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	
Bromochloromethane	<1.00	1.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	2e
Bromodichloromethane	<1.00	1.00		ug/l	03/22/14 04:25	EPA 8260B	wlm	

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Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW50314141130

Date/Time Sampled: 03/14/14 11:30

Laboratory Sample ID: 4C18002-06 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
Bromomethane	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
sec-Butylbenzene	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
tert-Butylbenzene	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
n-Butylbenzene	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
Carbon disulfide	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
Chlorobenzene	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
Chloroethane	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
Chloroform	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
Chloromethane	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	2e
4-Chlorotoluene	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
2-Chlorotoluene	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
Dibromochloromethane	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
Dibromomethane	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	

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Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW50314141130

Date/Time Sampled: 03/14/14 11:30

Laboratory Sample ID: 4C18002-06 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
1,3-Dichlorobenzene	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
Dichlorodifluoromethane	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
1,2-Dichloroethane	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
1,1-Dichloroethane	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
trans-1,2-Dichloroethene	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
1,1-Dichloroethene	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
2,2-Dichloropropane	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
1,3-Dichloropropane	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
1,2-Dichloropropane	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
1,1-Dichloropropene	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
Hexachlorobutadiene	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
p-Isopropyltoluene	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
Methylene chloride	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm
n-Propylbenzene	<1.00	1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm

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



State Certifications: MD 275, WV 364

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW50314141130

Date/Time Sampled: 03/14/14 11:30

Laboratory Sample ID: 4C18002-06 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/22/14 04:25	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	92.2 %		70-130		03/22/14 04:25	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	103 %		70-130		03/22/14 04:25	EPA 8260B	wlm	
Surrogate: Fluorobenzene	105 %		70-130		03/22/14 04:25	EPA 8260B	wlm	

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 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW80314141145

Date/Time Sampled: 03/14/14 11:45

Laboratory Sample ID: 4C18002-07 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Benzene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Toluene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Ethylbenzene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Isopropylbenzene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Methyl tert-butyl ether	440		25.0	ug/l	03/23/14 12:55	EPA 8260B	wlm	
Naphthalene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
tert- amyl alcohol	<5.00		5.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
tert- amyl ethyl ether	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Tert-amyl methyl ether	6.54		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Tert-butyl alcohol	93.1		5.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Diisopropylether (DIPE)	2.11		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Acrylonitrile	<10.0		10.0	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Bromobenzene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Bromochloromethane	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	2e
Bromodichloromethane	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	

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 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW8031414145

Date/Time Sampled: 03/14/14 11:45

Laboratory Sample ID: 4C18002-07 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Bromomethane	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
sec-Butylbenzene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
tert-Butylbenzene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
n-Butylbenzene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Carbon disulfide	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Chlorobenzene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Chloroethane	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Chloroform	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Chloromethane	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	2e
4-Chlorotoluene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
2-Chlorotoluene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Dibromochloromethane	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Dibromomethane	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW80314141145

Date/Time Sampled: 03/14/14 11:45

Laboratory Sample ID: 4C18002-07 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
1,3-Dichlorobenzene	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
Dichlorodifluoromethane	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
1,2-Dichloroethane	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
1,1-Dichloroethane	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
trans-1,2-Dichloroethene	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
cis-1,2-Dichloroethene	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
1,1-Dichloroethene	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
2,2-Dichloropropane	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
1,3-Dichloropropane	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
1,2-Dichloropropane	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
trans-1,3-Dichloropropene	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
1,1-Dichloropropene	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
cis-1,3-Dichloropropene	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
Hexachlorobutadiene	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
p-Isopropyltoluene	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
Methylene chloride	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm
n-Propylbenzene	<1.00	1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm

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Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW80314141145

Date/Time Sampled: 03/14/14 11:45

Laboratory Sample ID: 4C18002-07 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/22/14 06:19	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	90.7 %		70-130		03/22/14 06:19	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	102 %		70-130		03/22/14 06:19	EPA 8260B	wlm	
Surrogate: Fluorobenzene	105 %		70-130		03/22/14 06:19	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: FB0314141330

Date/Time Sampled: 03/14/14 13:30

Laboratory Sample ID: 4C18002-08 (Water/Blank (Field))

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

1,3,5-Trimethylbenzene	<1.00	1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm
1,2,4-Trimethylbenzene	<1.00	1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm
Benzene	<1.00	1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm
Toluene	<1.00	1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm
Ethylbenzene	<1.00	1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm
Isopropylbenzene	<1.00	1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm
Methyl tert-butyl ether	<1.00	1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm
Naphthalene	<1.00	1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm
tert- amyl alcohol	<5.00	5.00	ug/l	03/21/14 08:28	EPA 8260B	wlm
tert- amyl ethyl ether	<1.00	1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm
Tert-amyl methyl ether	<1.00	1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm
Tert-butyl alcohol	<5.00	5.00	ug/l	03/21/14 08:28	EPA 8260B	wlm
Diisopropylether (DIPE)	<1.00	1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm
Ethyl tert-butyl ether	<1.00	1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm
Acrylonitrile	<10.0	10.0	ug/l	03/21/14 08:28	EPA 8260B	wlm
Bromobenzene	<1.00	1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm
Bromochloromethane	<1.00	1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm
Bromodichloromethane	<1.00	1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: FB0314141330

Date/Time Sampled: 03/14/14 13:30

Laboratory Sample ID: 4C18002-08 (Water/Blank (Field))

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

Bromoform	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
Bromomethane	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
sec-Butylbenzene	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
tert-Butylbenzene	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
n-Butylbenzene	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
Carbon disulfide	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
Chlorobenzene	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
Chloroethane	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
Chloroform	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
Chloromethane	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
4-Chlorotoluene	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
2-Chlorotoluene	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
Dibromochloromethane	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
Dibromomethane	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: FB0314141330

Date/Time Sampled: 03/14/14 13:30

Laboratory Sample ID: 4C18002-08 (Water/Blank (Field))

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

1,4-Dichlorobenzene	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	
1,3-Dichlorobenzene	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	
Dichlorodifluoromethane	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	
1,2-Dichloroethane	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	
1,1-Dichloroethane	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	
1,1-Dichloroethene	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	
2,2-Dichloropropane	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	2d
1,3-Dichloropropane	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	
1,2-Dichloropropane	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	
1,1-Dichloropropene	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	
Hexachlorobutadiene	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	
p-Isopropyltoluene	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	
Methylene chloride	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	
n-Propylbenzene	<1.00	1.00		ug/l	03/21/14 08:28	EPA 8260B	wlm	

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



State Certifications: MD 275, WV 364

www.fairwaylaboratories.com

Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: FB0314141330

Date/Time Sampled: 03/14/14 13:30

Laboratory Sample ID: 4C18002-08 (Water/Blank (Field))

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

Styrene	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/21/14 08:28	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	92.5 %		70-130		03/21/14 08:28	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	110 %		70-130		03/21/14 08:28	EPA 8260B	wlm	
Surrogate: Fluorobenzene	104 %		70-130		03/21/14 08:28	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW21D0314141300

Date/Time Sampled: 03/14/14 13:00

Laboratory Sample ID: 4C18002-09 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Benzene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Toluene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Ethylbenzene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Isopropylbenzene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Methyl tert-butyl ether	7.44	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Naphthalene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
tert- amyl alcohol	<5.00	5.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
tert- amyl ethyl ether	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Tert-amyl methyl ether	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Tert-butyl alcohol	<5.00	5.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Diisopropylether (DIPE)	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Acrylonitrile	<10.0	10.0		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Bromobenzene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Bromochloromethane	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Bromodichloromethane	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW21D0314141300

Date/Time Sampled: 03/14/14 13:00

Laboratory Sample ID: 4C18002-09 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
Bromomethane	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
sec-Butylbenzene	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
tert-Butylbenzene	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
n-Butylbenzene	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
Carbon disulfide	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
Chlorobenzene	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
Chloroethane	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
Chloroform	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
Chloromethane	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
4-Chlorotoluene	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
2-Chlorotoluene	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
Dibromochloromethane	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
Dibromomethane	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	

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Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW21D0314141300

Date/Time Sampled: 03/14/14 13:00

Laboratory Sample ID: 4C18002-09 (Water/Grab)

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

Volatile Organic Compounds by EPA Method 8260B

1,4-Dichlorobenzene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,3-Dichlorobenzene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Dichlorodifluoromethane	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,2-Dichloroethane	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,1-Dichloroethane	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,1-Dichloroethene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
2,2-Dichloropropane	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	2d
1,3-Dichloropropane	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,2-Dichloropropane	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,1-Dichloropropene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Hexachlorobutadiene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
p-Isopropyltoluene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
Methylene chloride	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	
n-Propylbenzene	<1.00	1.00		ug/l	03/21/14 03:37	EPA 8260B	wlm	

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 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
 Reported: 03/25/14 08:12

Client Sample ID: MW21D0314141300

Date/Time Sampled: 03/14/14 13:00

Laboratory Sample ID: 4C18002-09 (Water/Grab)

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

Styrene	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/21/14 03:37	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	95.2 %		70-130		03/21/14 03:37	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	112 %		70-130		03/21/14 03:37	EPA 8260B	wlm	
Surrogate: Fluorobenzene	102 %		70-130		03/21/14 03:37	EPA 8260B	wlm	

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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: MP
 Number of Containers: 18
Reported:
 03/25/14 08:12

Notes

- 2b The spike recovery was outside acceptance limits for the MS and/or MSD. Data accepted based on acceptable LCS recovery.
- 2d The LCS spike recovery was outside acceptance limits. Data accepted based on additional batch QC.
- 2e CCV was outside the QC range. Data accepted based on additional batch QC.

Definitions

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

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

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

MBAS, calculated as LAS, mol wt 348

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

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

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

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

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

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

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

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Environmental Alliance
1035 Benfield Blvd. Suite H
Millersville MD, 21108
Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
Project Number: 2486T:02
Collector: MP
Number of Containers: 18

Reported:
03/25/14 08:12

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

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

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

FAIRWAY LABORATORIES
Environmental Laboratory

89 Kristi Rd
Pennsdale, PA 17756
Phone: (570) 494-6380

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Tracking #
COC # 84C1800321
Page 1 of 1

Client Name: Environmental Alliance Inc

Address: 1035 Bentfield Blvd Ste H

Millersville, MD 21106

Contact: Gari Finch

Phone #: (410)-729-9000

Fax #: (410)-729-9001

Project Name: Shawell Manganese

Quote/PO #: ZYRC #102 PO# 10175

TAT: Normal Rush

Rush TAT subject to pre-approval and surcharge

Date Required: / /

Sample Description/Location	GRAB	Composite	Received on ice? Y N		Sample Temp: <u> </u>	PW/SID # <u> </u>	Reportable to PADEP? Yes <input type="checkbox"/>		Matrix	Solid	Water	Other <u> </u>	# of Containers	VOC + Oxy + naphthalene (8260)	Analyses Requested				Bottle Type/Comments	
			Composite Start	Composite End			GRAB -or- Composite End	Start Date							Start Time	End Date	End Time			
MW10	X												2	X						
MW9	X												2	X						
MW11	X												2	X						
MW2	X												2	X						
MW17D	X												2	X						
MW5	X												2	X						
MW8	X												2	X						
EG	X												1	X						
MW21D	X												2	X						

Sampled by:	Date	Time	Received by:	Date	Time	Received by:	Date	Time	Remarks
<u>Matthew Pichor</u>	<u>3-14-19</u>	<u>1700</u>	<u>[Signature]</u>	<u>3/14/19</u>	<u>2:00</u>	<u>[Signature]</u>	<u>3/17</u>	<u>1:55</u>	<u>Relinquished bottle was 2/14/19 by [Signature]</u>
Relinquished by:	Date	Time	Received by:	Date	Time	Received by:	Date	Time	
Relinquished by:	Date	Time	Received by:	Date	Time	Received by:	Date	Time	
Relinquished by:	Date	Time	Received by:	Date	Time	Received by:	Date	Time	

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

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

Chain of Custody Receiving Document

Receiver: DE

Page of

Date/Time of this check: 3/18/14 7:45 Sample Temperature: 2.0 client: Env. Alliance Lab # AL1800200

Received at Lab on ICE? * Sample Temperature when arrived at Lab: 4.4 Acceptable? * or In cool down process? *

Custody Seals? Intact?

COC/Labels on bottles agree? * Correct containers for all the analysis requested? * 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							2-HCl	
2							2-HCl	
3							1-HCl	
4							1-HCl	
5							2-HCl	
6								
7								
8								
9								

*** 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: _____

* Comments: TP not on COC.

Chain of Custody Receiving Document



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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:4B
 Collector: MP
 Number of Containers: 6
Reported:
 03/25/14 08:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
OSWINF0314141215	4C18004-01	Water	Grab	03/14/14 12:15	03/17/14 16:55
ASINF0314141230	4C18004-02	Water	Grab	03/14/14 12:30	03/17/14 16:55
ASEFF0314141245	4C18004-03	Water	Grab	03/14/14 12:45	03/17/14 16:55

COC and labels do not match, refer to receiving document. CB

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:4B
 Collector: MP
 Number of Containers: 6
Reported:
 03/25/14 08:14

Client Sample ID: OSWINF0314141215

Date/Time Sampled: 03/14/14 12:15

Laboratory Sample ID: 4C18004-01 (Water/Grab)

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

Volatile Organic Compounds by EPA Method 8260B

Benzene	<1.00		1.00	ug/l	03/22/14 06:57	EPA 8260B	wlm	
Toluene	<1.00		1.00	ug/l	03/22/14 06:57	EPA 8260B	wlm	
Ethylbenzene	<1.00		1.00	ug/l	03/22/14 06:57	EPA 8260B	wlm	
Xylenes (total)	<2.00		2.00	ug/l	03/22/14 06:57	EPA 8260B	wlm	
Methyl tert-butyl ether	93.0		1.00	ug/l	03/22/14 06:57	EPA 8260B	wlm	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>92.1 %</i>		<i>70-130</i>		<i>03/22/14 06:57</i>	<i>EPA 8260B</i>	<i>wlm</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>106 %</i>		<i>70-130</i>		<i>03/22/14 06:57</i>	<i>EPA 8260B</i>	<i>wlm</i>	
<i>Surrogate: Fluorobenzene</i>	<i>105 %</i>		<i>70-130</i>		<i>03/22/14 06:57</i>	<i>EPA 8260B</i>	<i>wlm</i>	

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 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:4B
 Collector: MP
 Number of Containers: 6
Reported:
 03/25/14 08:14

Client Sample ID: ASINF0314141230

Date/Time Sampled: 03/14/14 12:30

Laboratory Sample ID: 4C18004-02 (Water/Grab)

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

Benzene	<1.00		1.00	ug/l	03/22/14 05:41	EPA 8260B	wlm	
Toluene	<1.00		1.00	ug/l	03/22/14 05:41	EPA 8260B	wlm	
Ethylbenzene	<1.00		1.00	ug/l	03/22/14 05:41	EPA 8260B	wlm	
Xylenes (total)	<2.00		2.00	ug/l	03/22/14 05:41	EPA 8260B	wlm	
Methyl tert-butyl ether	61.5		1.00	ug/l	03/22/14 05:41	EPA 8260B	wlm	
<i>Surrogate: 4-Bromofluorobenzene</i>		90.9 %			03/22/14 05:41	EPA 8260B	wlm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %			03/22/14 05:41	EPA 8260B	wlm	
<i>Surrogate: Fluorobenzene</i>		104 %			03/22/14 05:41	EPA 8260B	wlm	

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 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:4B
 Collector: MP
 Number of Containers: 6
Reported:
 03/25/14 08:14

Client Sample ID: ASEFF0314141245

Date/Time Sampled: 03/14/14 12:45

Laboratory Sample ID: 4C18004-03 (Water/Grab)

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

Benzene	<1.00		1.00	ug/l	03/21/14 02:59	EPA 8260B	wlm	
Toluene	<1.00		1.00	ug/l	03/21/14 02:59	EPA 8260B	wlm	
Ethylbenzene	<1.00		1.00	ug/l	03/21/14 02:59	EPA 8260B	wlm	
Xylenes (total)	<2.00		2.00	ug/l	03/21/14 02:59	EPA 8260B	wlm	
Methyl tert-butyl ether	28.4		1.00	ug/l	03/21/14 02:59	EPA 8260B	wlm	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.9 %			03/21/14 02:59	EPA 8260B	wlm	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		112 %			03/21/14 02:59	EPA 8260B	wlm	
<i>Surrogate: Fluorobenzene</i>		103 %			03/21/14 02:59	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:4B
 Collector: MP
 Number of Containers: 6
Reported:
 03/25/14 08:14

Definitions

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

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

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

MBAS, calculated as LAS, mol wt 348

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

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

- * P indicates analysis performed by Fairway Laboratories, Inc. at the Pennsdale location. This location is PaDEP Chapter 252 certified.
- < Represents "less than" - indicates that the result was less than the reporting limit.
- MDL Method Detection Limit - is the lowest or minimum level that provides 99% confidence level that the analyte is detected. Any reported result values that are less than the RL are considered estimated values.
- RL Reporting Limit - is the lowest or minimum level at which the analyte can be quantified.
- [CALC] Indicates a calculated result. Calculations use results from other analyses performed under accredited methods.

Chain of Custody Receiving Document

Receiver: DL

Page of

Date/Time of this check 3/18/14 7:45 Sample Temperature: 20 Client: Env. Advance Lab # 4C18064-02

Received at Lab on ICE? * Sample Temperature when arrived at Lab: 4.4 Acceptable? * or In cool down process? *

Custody Seals? 4 Intact? Y

COC/Labels on bottles agree? * Correct containers for all the analysis requested? * 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?)	Other	Properly Preserved	Bacti
1							2H4	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2							1				
3											

<p>* DEVIATION PRESENT:</p> <p><input checked="" type="checkbox"/> No Ice ()</p> <p><input checked="" type="checkbox"/> Not at Proper Temperature ()</p> <p><input checked="" type="checkbox"/> Wrong Container ()</p> <p><input checked="" type="checkbox"/> Missing Information: ()</p>	<p>CLIENT CALLED:</p> <p>YES () E-Mark</p> <p>By Whom: <u>CAE1</u></p> <p>Date: <u>3/16</u></p>	<p>CLIENT RESPONSE:</p> <p>Proceed with analysis; qualify data ()</p> <p>Will Resample ()</p> <p>Provided Information (X)</p> <p>No Response; Proceed and qualified ()</p> <p>Client Contact: <u>MARK</u> Date: <u>3/10</u></p>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

* Comments: COC READS OSINF - BATTLE READS OSW INF

* SHAWO READ OSW INF

Chain of Custody Receiving Document



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Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: CLIENT
 Number of Containers: 2
Reported:
 03/25/14 08:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
3017WALNUTINF0314141200	4C18005-01	Water	Grab	03/14/14 12:00	03/17/14 16:55

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: CLIENT
 Number of Containers: 2
 Reported: 03/25/14 08:35

Client Sample ID: 3017WALNUTINF0314141200

Date/Time Sampled: 03/14/14 12:00

Laboratory Sample ID: 4C18005-01 (Water/Grab)

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

1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Benzene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Toluene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Ethylbenzene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Isopropylbenzene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Methyl tert-butyl ether	2.99		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Naphthalene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
tert- amyl alcohol	<5.00		5.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
tert- amyl ethyl ether	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Tert-amyl methyl ether	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Tert-butyl alcohol	<5.00		5.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Diisopropylether (DIPE)	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Ethyl tert-butyl ether	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Acrylonitrile	<10.0		10.0	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Bromobenzene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Bromochloromethane	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	2e
Bromodichloromethane	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: CLIENT
 Number of Containers: 2
 Reported: 03/25/14 08:35

Client Sample ID: 3017WALNUTINF0314141200

Date/Time Sampled: 03/14/14 12:00

Laboratory Sample ID: 4C18005-01 (Water/Grab)

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

Bromoform	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Bromomethane	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
sec-Butylbenzene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
tert-Butylbenzene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
n-Butylbenzene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Carbon disulfide	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Chlorobenzene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Chloroethane	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Chloroform	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Chloromethane	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	2e
4-Chlorotoluene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
2-Chlorotoluene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Dibromochloromethane	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,2-Dibromoethane (EDB)	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Dibromomethane	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
trans-1,4-Dichloro-2-butene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,2-Dichlorobenzene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	

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 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: CLIENT
 Number of Containers: 2
 Reported: 03/25/14 08:35

Client Sample ID: 3017WALNUTINF0314141200

Date/Time Sampled: 03/14/14 12:00

Laboratory Sample ID: 4C18005-01 (Water/Grab)

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

1,4-Dichlorobenzene	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,3-Dichlorobenzene	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
Dichlorodifluoromethane	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,2-Dichloroethane	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,1-Dichloroethane	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
trans-1,2-Dichloroethene	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
cis-1,2-Dichloroethene	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,1-Dichloroethene	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
2,2-Dichloropropane	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,3-Dichloropropane	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,2-Dichloropropane	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
trans-1,3-Dichloropropene	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,1-Dichloropropene	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
cis-1,3-Dichloropropene	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
Hexachlorobutadiene	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
p-Isopropyltoluene	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
Methylene chloride	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	
n-Propylbenzene	<1.00	1.00		ug/l	03/22/14 05:02	EPA 8260B	wlm	

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 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: CLIENT
 Number of Containers: 2
 Reported: 03/25/14 08:35

Client Sample ID: 3017WALNUTINF0314141200

Date/Time Sampled: 03/14/14 12:00

Laboratory Sample ID: 4C18005-01 (Water/Grab)

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

Volatile Organic Compounds by EPA Method 8260B

Styrene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Tetrachloroethene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,2,4-Trichlorobenzene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,2,3-Trichlorobenzene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,1,1-Trichloroethane	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,1,2-Trichloroethane	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Trichloroethene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Trichlorofluoromethane	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
1,2,3-Trichloropropane	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Vinyl chloride	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
o-Xylene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
m,p-Xylene	<1.00		1.00	ug/l	03/22/14 05:02	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	91.8 %		70-130		03/22/14 05:02	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	106 %		70-130		03/22/14 05:02	EPA 8260B	wlm	
Surrogate: Fluorobenzene	105 %		70-130		03/22/14 05:02	EPA 8260B	wlm	

Fairway Laboratories, Inc.

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

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



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

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



www.fairwaylaboratories.com

State Certifications: MD 275, WV 364

Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:02
 Collector: CLIENT
 Number of Containers: 2
Reported:
 03/25/14 08:35

Notes

2e CCV was outside the QC range. Data accepted based on additional batch QC.

Definitions

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

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

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

MBAS, calculated as LAS, mol wt 348

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

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

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

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

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

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

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

Chain of Custody Receiving Document

Receiver: MC Page of

Date/Time of this check: 3/18/14 7:45 Sample Temperature: 20 Client: Env. Alliance Lab # 4C18005-22

Received at Lab on ICE? * Sample Temperature when arrived at Lab: 44 Acceptable? * or In cool down process? *

Custody Seals? Intact?

COC/L labels on bottles agree? * Correct containers for all the analysis requested? * 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?)	Other	Properly Preserved	Bacti
1								<input checked="" type="checkbox"/> *	<input checked="" type="checkbox"/> *		

*** 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: _____

* Comments: _____

Chain of Custody Receiving Document

This is a date sensitive document and may not be current after March 14, 2014.



2019 Ninth Avenue
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 Altoona, PA 16603
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 PaDEP: PA 41-04684



www.fairwaylaboratories.com

State Certifications: MD 275, WV 364

Environmental Alliance
 1035 Benfield Blvd. Suite H
 Millersville MD, 21108
 Project Manager: Cari Finch

Project: SHEETZ MANCHESTER
 Project Number: 2486T:4B
 Collector: MP
 Number of Containers: 2
 Reported: 03/25/14 08:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
LGACEFF0314141315	4C18007-01	Water	Grab	03/14/14 13:15	03/17/14 16:55

Client Sample ID: LGACEFF0314141315

Date/Time Sampled: 03/14/14 13:15

Laboratory Sample ID: 4C18007-01 (Water/Grab)

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

Volatile Organic Compounds by EPA Method 8260B

Benzene	<1.00		1.00	ug/l	03/20/14 09:21	EPA 8260B	wlm	
Toluene	<1.00		1.00	ug/l	03/20/14 09:21	EPA 8260B	wlm	
Ethylbenzene	<1.00		1.00	ug/l	03/20/14 09:21	EPA 8260B	wlm	
Xylenes (total)	<2.00		2.00	ug/l	03/20/14 09:21	EPA 8260B	wlm	
Methyl tert-butyl ether	<1.00		1.00	ug/l	03/20/14 09:21	EPA 8260B	wlm	
Surrogate: 4-Bromofluorobenzene	98.2 %		70-130		03/20/14 09:21	EPA 8260B	wlm	
Surrogate: 1,2-Dichloroethane-d4	119 %		70-130		03/20/14 09:21	EPA 8260B	wlm	
Surrogate: Fluorobenzene	108 %		70-130		03/20/14 09:21	EPA 8260B	wlm	

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
 Laboratory Director

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

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



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Project: SHEETZ MANCHESTER
 Project Number: 2486T:4B
 Collector: MP
 Number of Containers: 2
Reported:
 03/25/14 08:15

Definitions

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

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

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

MBAS, calculated as LAS, mol wt 348

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

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

- * P indicates analysis performed by Fairway Laboratories, Inc. at the Pennsdale location. This location is PaDEP Chapter 252 certified.
- < Represents "less than" - indicates that the result was less than the reporting limit.
- MDL Method Detection Limit - is the lowest or minimum level that provides 99% confidence level that the analyte is detected. Any reported result values that are less than the RL are considered estimated values.
- RL Reporting Limit - is the lowest or minimum level at which the analyte can be quantified.
- [CALC] Indicates a calculated result. Calculations use results from other analyses performed under accredited methods.

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

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

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

FAIRWAY LABORATORIES
Environmental Laboratory

89 Kristi Rd
Pennsdale, PA 17756
Phone: (570) 494-6380

Page 1 of 1

4C1800701
COC #

Client Name: <u>Environmental Alliance The</u>		Address: <u>1035 Bankfield Blvd Ste H</u>		Millersville, MD 21106		Contact: <u>Carl Fiech</u>		Phone #: <u>(410)-729-7000</u>		Fax #: <u>(410)-729-2001</u>		Project Name: <u>Shetz Managers-1-1</u>		Quote/PO #: <u>2Y66 +48 PO# 10175</u>	
TAT: Normal <input type="checkbox"/> Rush <input checked="" type="checkbox"/> <u>5 day</u>		Rush TAT subject to pre-approval and surcharge		Date Required: <u>1/1/17</u>		GRAB		Composite		Received on ice? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N		Sample Temp: _____		PW/SID # _____	
Sample Description/Location		Composite Start		Composite End		GRAB -or- Composite End		Matrix		Reportable to PADEP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Solid		# of Containers	
<u>LGAC EFF</u>		X		X		3-14-14 1315		X		2		X		<u>Btex / MTBE (8260)</u>	
Sampled by: <u>Mathew Pritchard</u>		Date: <u>3/14/17</u>		Time: <u>1700</u>		Received by: <u>[Signature]</u>		Date: <u>3/14/2017</u>		Time: <u>1655</u>		Remarks		LAB USE ONLY	
Relinquished by: <u>[Signature]</u>		Date: <u>3/14/17</u>		Time: <u>1655</u>		Received by: <u>[Signature]</u>		Date: <u>3/17</u>		Time: <u>1655</u>		Tracking #		FedEx USPS Other	
Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____		Bottle Type/Comments		UPS Other	

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse. White Original - FLJ File Canary - FLJ Copy Pink - Customer Receipt Copy

ATTACHMENT II

ENGINEERING REPORTS

PUMP AND TREAT SYSTEM REPORT

SITE Sheetz Store #177 3281 Main Street Manchester, MD 21102 NPDES Permit# 2008-OGR-5060 Water Appropriation Permit# CL2005G023(04)	SITE CONTACT Sheetz, Inc. 5700 Sixth Avenue Altoona, PA 16602 Attn: Dave Dodson (814) 239-1402 (814) 239-6069 (fax)	CONSULTANT CONTACT Environmental Alliance, Inc. 1035 Benfield Boulevard, Suite H Millersville, MD 21108 Attn: Cari Finch (410) 729-9000 (410) 729-9001 (fax)	REGULATORY CONTACT Maryland Department of the Environment Waste Management Division 1800 Washington Boulevard Baltimore, MD 21230 Attn: Jim Richmond (410) 537-3337
--------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

REPORT PERIOD: FIRST QUARTER 2014 **REPORT DATE:** 31 March 2014

REMEDIATION SYSTEM CONFIGURATION:

Trailer - Air compressor => bag filters => air stripper => bag filters => LGAC => infiltration gallery
 Shed - Submersible pump => bag filters => air stripper => bag filters => LGAC => infiltration gallery

REMEDIATION SYSTEM SUMMARY:

- System install and startup on December 20, 2010
 - System operated for 43 of 73 days during this quarter (January 1, 2014 - March 14, 2014)
 - Run time percentage for the First Quarter 2014
- 59%

MONITORING DATA:

Date	Totalizer
1/6/2014	5,497,546
1/23/2014	5,773,111
2/4/2014	5,805,330
2/21/2014	5,886,984
3/14/2014	5,976,204
4/3/2014	5,977,334

Calculations			
Average Flow (gpm):		7.75	
Operating Days Used to Calc. Average Flow:		43	
Total Gallons:			
January-14	307,784		
February-14	170,874		
March-14	1,130		
TOTAL		479,788	
Days of Operation:			
January-14	31	% Uptime	100%
February-14	11		39%
March-14	1		7%
TOTAL		43	58.9%

GROUNDWATER ANALYTICAL SUMMARY:

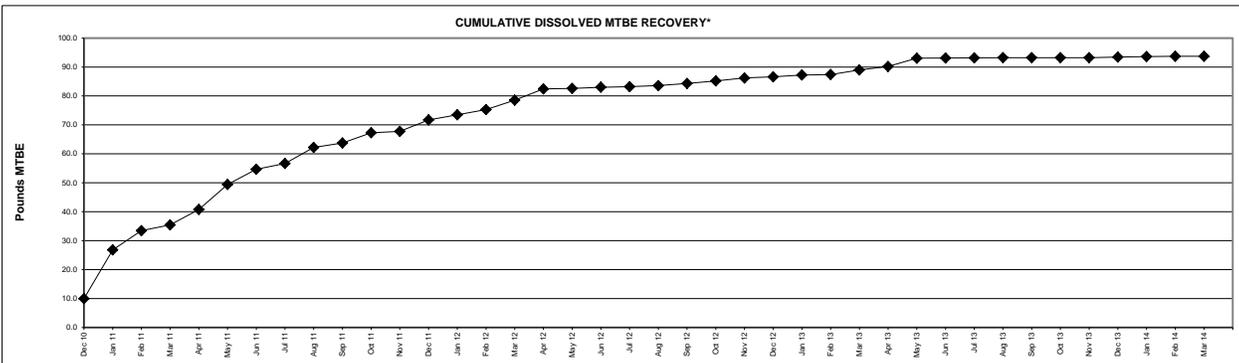
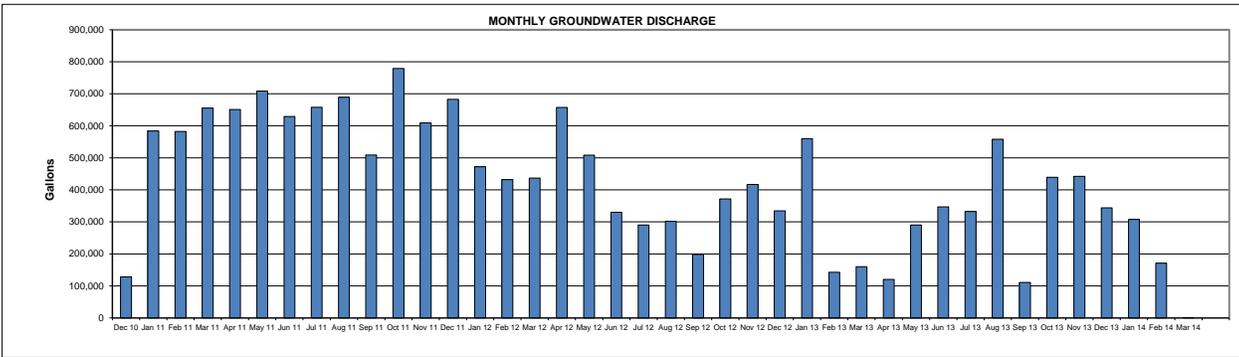
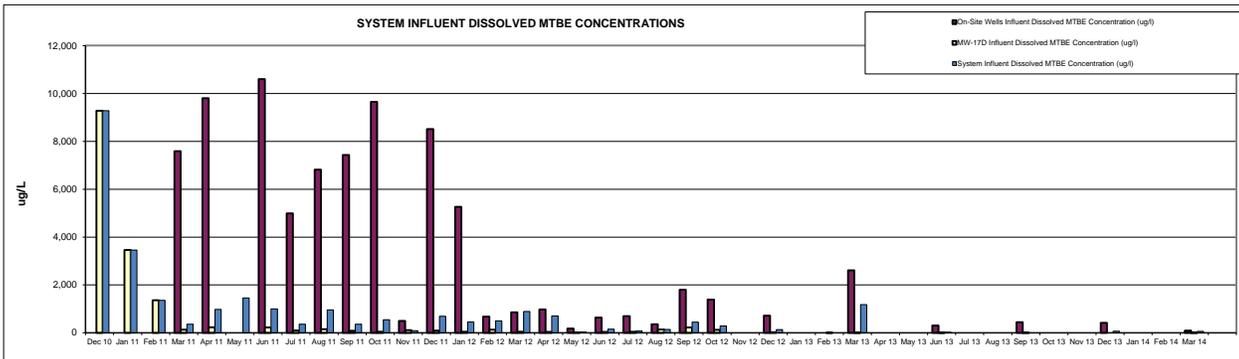
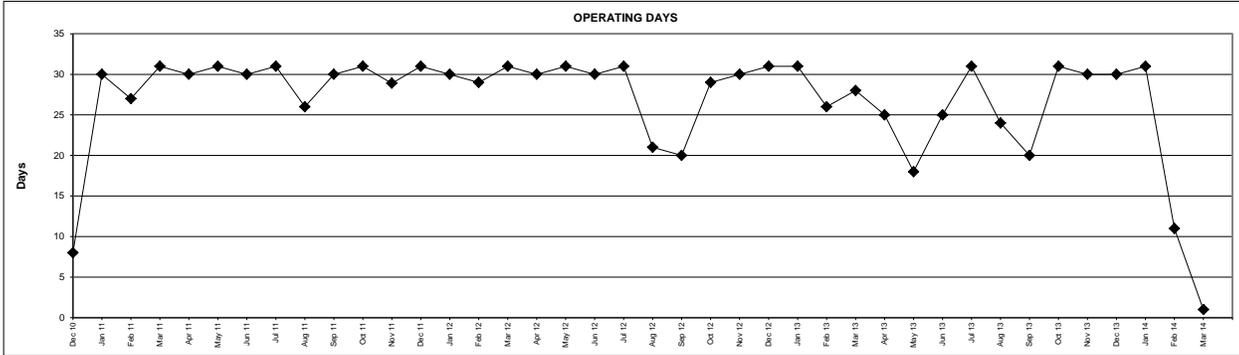
Compound	Date	On-site Well Average Influent Concentration (ug/l)	MW-17D Influent Concentration (ug/l)	3017 Walnut Street Influent Concentration (ug/l)	Air Stripper Influent Concentration (ug/l)	After Stripper Concentration (ug/l)	Effluent Concentration (ug/l)
Benzene	01/23/14	-	-	-	-	-	< 1.00
Toluene		-	-	-	-	-	< 1.00
Ethylbenzene		-	-	-	-	-	< 1.00
Total Xylenes		-	-	-	-	-	< 2.00
Total BTEX		-	-	-	-	-	< 5.00
MTBE		-	-	-	-	-	< 1.00
TBA		-	-	-	-	-	--
Benzene	02/27/14	-	-	-	-	-	< 1.00
Toluene		-	-	-	-	-	< 1.00
Ethylbenzene		-	-	-	-	-	< 1.00
Total Xylenes		-	-	-	-	-	< 2.00
Total BTEX		-	-	-	-	-	< 5.00
MTBE		-	-	-	-	-	< 1.00
TBA		-	-	-	-	-	--
Benzene	03/14/14	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Ethylbenzene		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Total Xylenes		< 2.00	< 1.00	< 1.00	< 2.00	< 2.00	< 2.00
Total BTEX		< 5.00	< 4.00	< 4.00	< 5.00	< 5.00	< 5.00
MTBE		93	4.86	2.99	61.5	28.4	< 1.00
TBA		--	< 5.00	< 5.00	--	--	--

MONTHLY HYDROCARBON MASS RECOVERY CALCULATIONS:

Month	BTEX (pounds)	MTBE (pounds)	TBA (pounds)
January-14	-	-	-
February-14	-	-	-
March-14	0	0.00	-

PUMP AND TREAT SYSTEM REPORT

<p><u>SITE</u> Sheetz Store #177 3281 Main Street Manchester, MD 21102 NPDES Permit# 2008-OGR-5060 Water Appropriation Permit# CL2005G023(04)</p>	<p><u>SITE CONTACT</u> Sheetz, Inc. 5700 Sixth Avenue Altoona, PA 16602 Attn: Dave Dodson (814) 239-1402 (814) 239-6069 (fax)</p>	<p><u>CONSULTANT CONTACT</u> Environmental Alliance, Inc. 1035 Benfield Boulevard, Suite H Millersville, MD 21108 Attn: Cari Finch (410) 729-9000 (410) 729-9001 (fax)</p>	<p><u>REGULATORY CONTACT</u> Maryland Department of the Environment Waste Management Division 1800 Washington Boulevard Baltimore, MD 21230 Attn: Jim Richmond (410) 537-3337</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



NR = Not Recorded
 NS = Not Sampled
 ND = Not Detected

*Based on available data

AIR DISCHARGE REPORT (AIR STRIPPER)

SITE

Sheetz Store #177
3281 North Main Street
Manchester, MD
Permit #013-9-0163

SITE CONTACT

Sheetz, Inc.
5700 Sixth Avenue
Altoona, PA 16602
Attn: Dave Dodson
(814) 239-1402
(814) 239-6069 (fax)

CONSULTANT CONTACT

Environmental Alliance, Inc.
1035 Benfield Boulevard, Suite H
Millersville, MD 21108
Attn: Cari Finch
(410) 729-9000
(410) 729-9001 (fax)

REGULATORY CONTACT

Maryland Department of the Environment
Air & Radiation Management Division
1800 Washington Boulevard
Baltimore, MD 21230
Attn: Karen Irons
(410) 537-3230

REPORT PERIOD: FIRST QUARTER 2014

REPORT DATE: 31 March 2014

REMEDIATION SYSTEM CONFIGURATION:

Air stripper => Discharge to Atmosphere

REMEDIATION SYSTEM SUMMARY:

- System operated for 43 of 73 days during this quarter (January 1, 2014 - March 14, 2014)
- A 14-day test was completed and VGACs were removed in January 2011
- Run time percentage for the First Quarter 2014

59%

MONITORING DATA:

Month	Days of Operation	% Uptime
January-14	31	100%
February-14	11	39%
March-14	1	7%
TOTAL	43	59%

Date	Influent PID (ppm-v)	Effluent PID (ppm-v)	Influent Air Flow (scfm)	Effluent Air Flow (scfm)
01/06/14	0.0	0.0	NA	471.00
01/23/14	0.0	0.0	NA	471.00
Average:	0.0	0.0	NA	471.00
02/04/14	0.0	0.0	NA	510.25
02/21/14	0.0	0.0	NA	510.25
02/25/14	0.0	0.0	NA	510.25
Average:	0.0	0.0	NA	510.25
03/14/14	0.0	0.0	NA	510.25
--	--	--	--	--
Average:	0.0	0.0	NA	510.25

VAPOR ANALYTICAL SUMMARY:

Compound	Date	Influent Concentration (mg/m ³)	Effluent Concentration (mg/m ³)
TPH (C ₁ - C ₄)		NA	NA
TPH (>C ₅ - C ₁₀)	--	NA	NA
MtBE		NA	NA
Total BTEX		NA	NA

HYDROCARBON RECOVERY & DISCHARGE CALCULATIONS:

Month	TPH Recovered (pounds per day)	TPH Recovered (pounds)	TPH Discharged (pounds per day)
January-14	0.00	0.00	0.00
February-14	0.00	0.00	0.00
March-14	0.00	0.00	0.00

AIR DISCHARGE REPORT (AIR STRIPPER)

SITE

Sheetz Store #177
3281 North Main Street
Manchester, MD
Permit #013-9-0163

SITE CONTACT

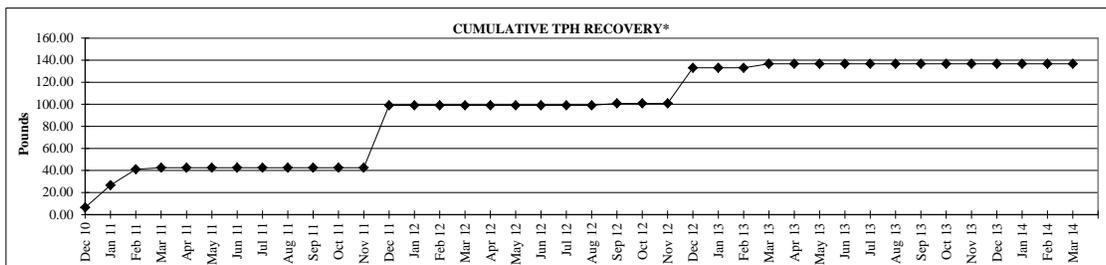
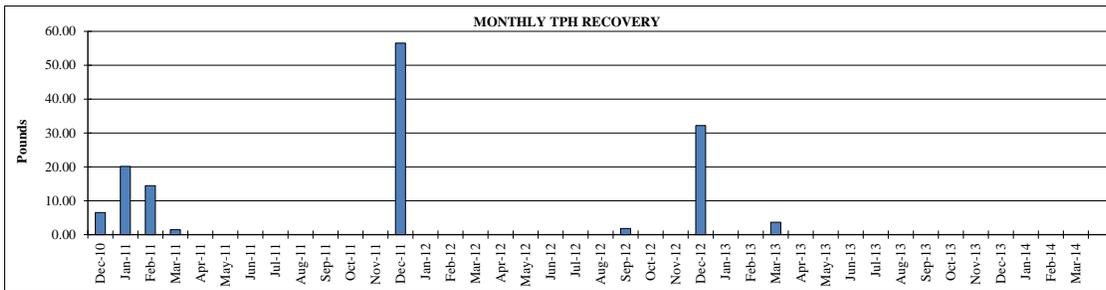
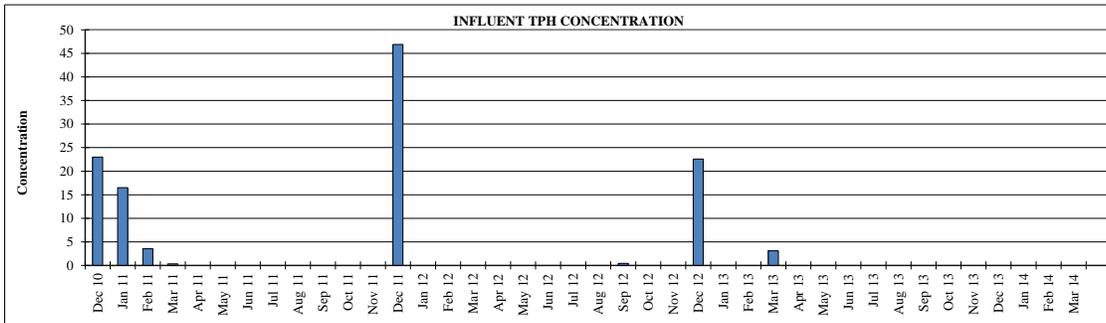
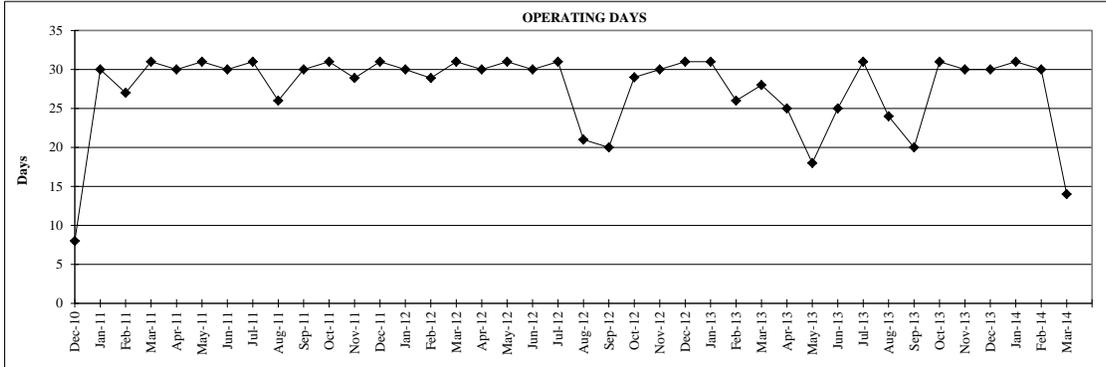
Sheetz, Inc.
5700 Sixth Avenue
Altoona, PA 16602
Attn: Dave Dodson
(814) 239-1402
(814) 239-6069 (fax)

CONSULTANT CONTACT

Environmental Alliance, Inc.
1035 Benfield Boulevard, Suite H
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Attn: Cari Finch
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REGULATORY CONTACT

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1800 Washington Boulevard
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(410) 537-3230



NR = Not Recorded
ND = Not Detected
NS = Not Sampled

NA = Not Analyzed

* Based on available data
Based on field data

AIR DISCHARGE REPORT

SITE

Sheetz Store #177
 3281 North Main Street
 Manchester, MD
 Permit #013-9-0162
 Dated: June 12, 2007

SITE CONTACT

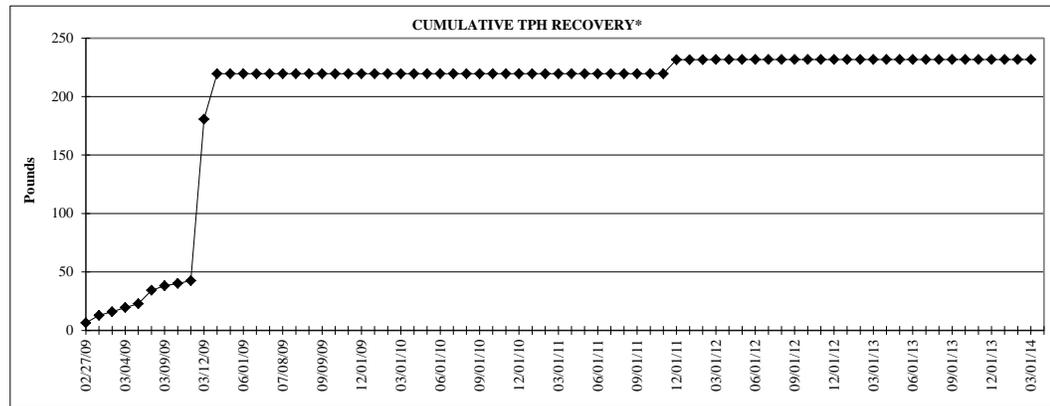
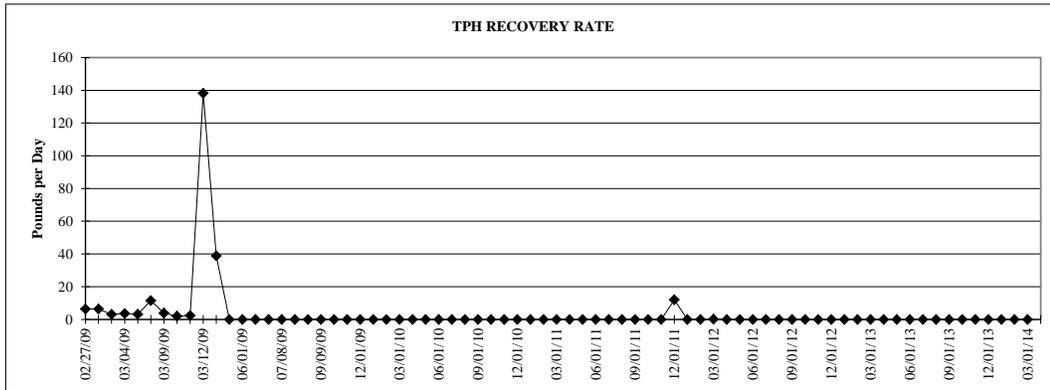
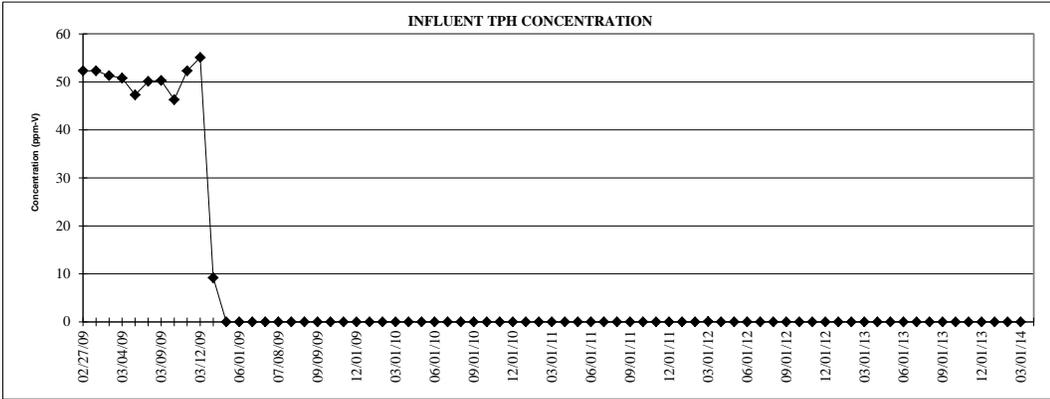
Sheetz, Inc.
 5700 Sixth Avenue
 Altoona, PA 16602
 Attn: Dave Dodson
 (814) 239-1402
 (814) 239-6069 (fax)

CONSULTANT CONTACT

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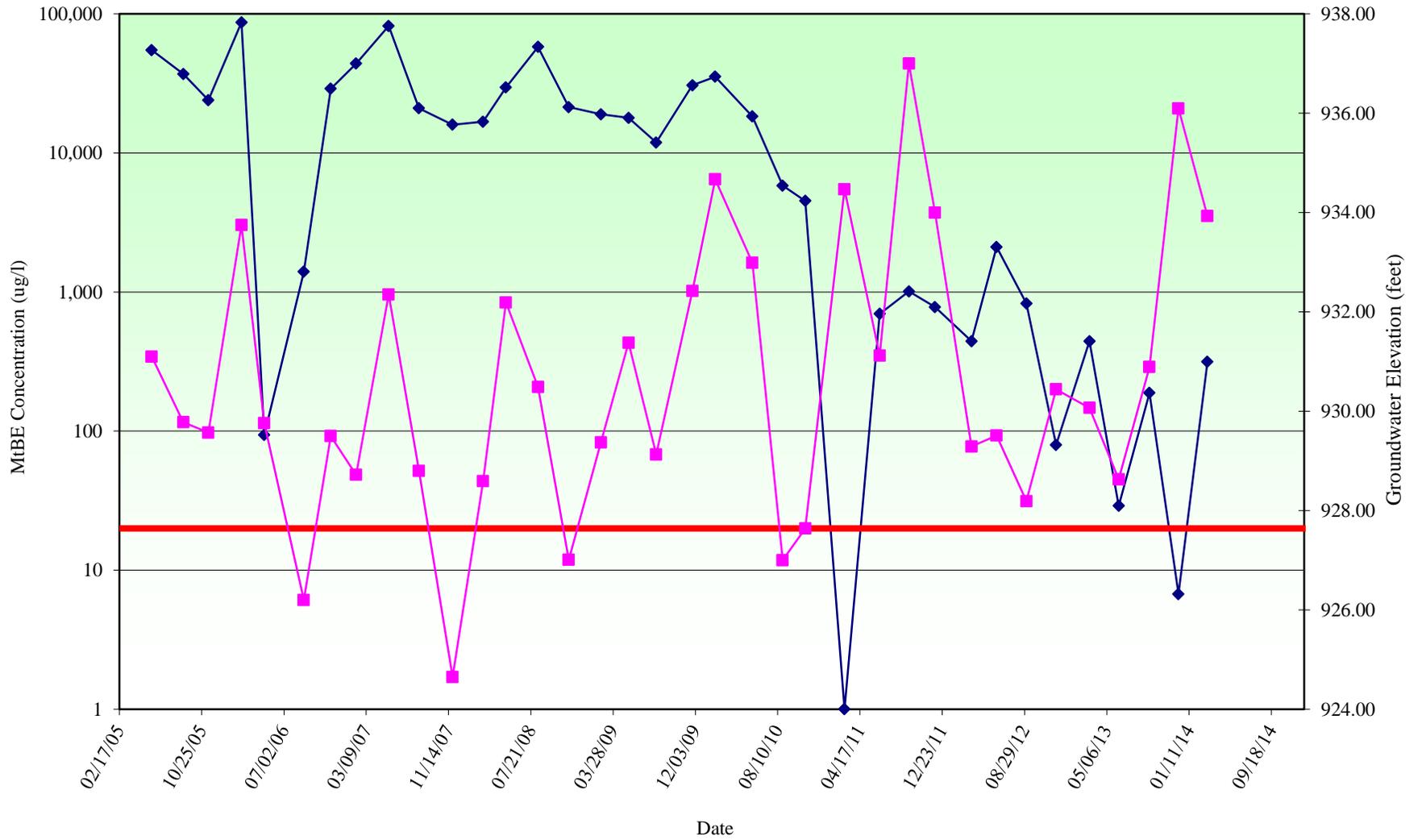
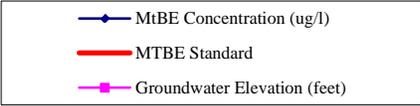
NA = Not Analyzed

* Based on available data
 * Based on field data

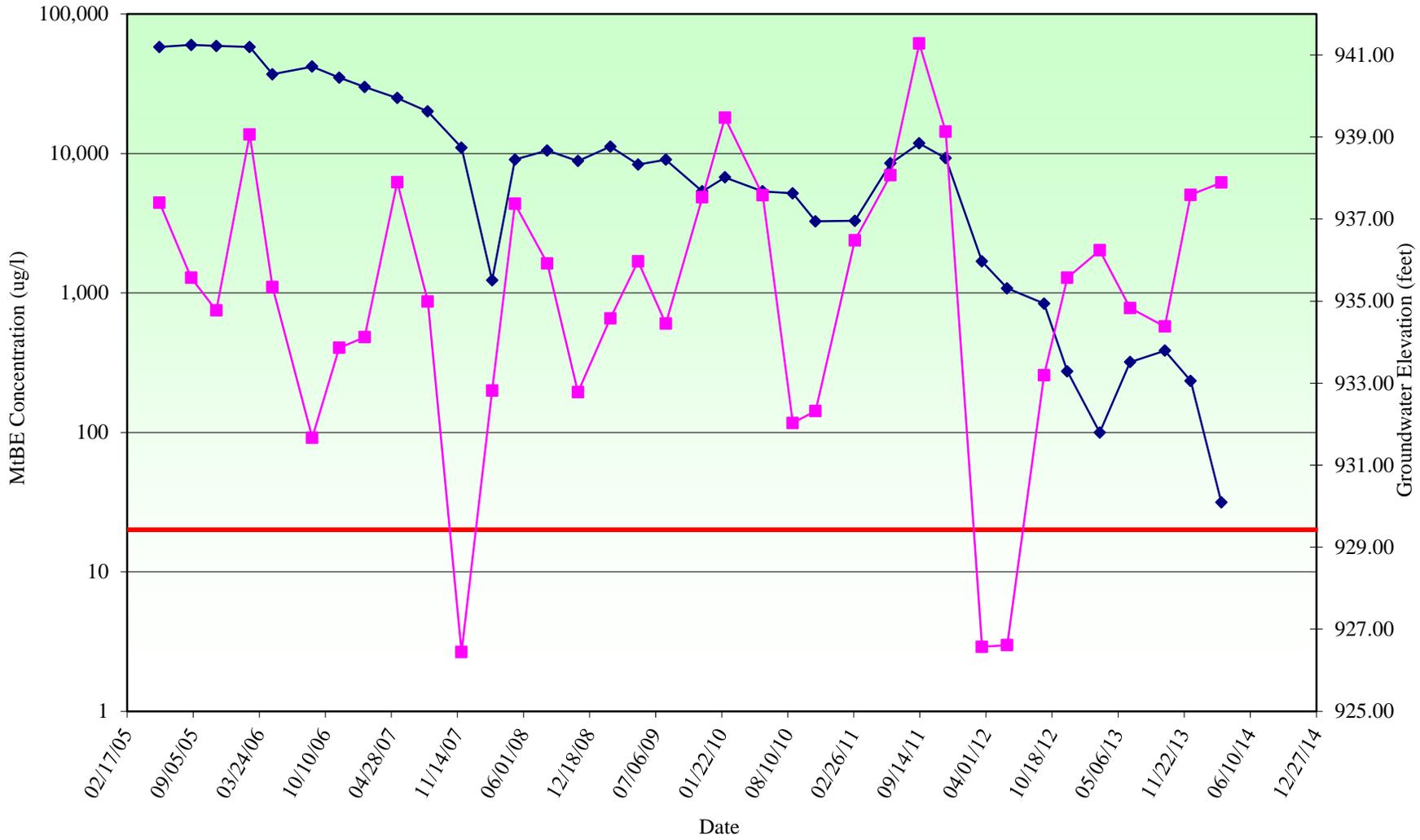
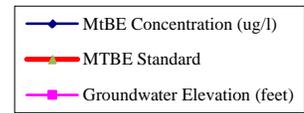
ATTACHMENT III

CONCENTRATION GRAPHS

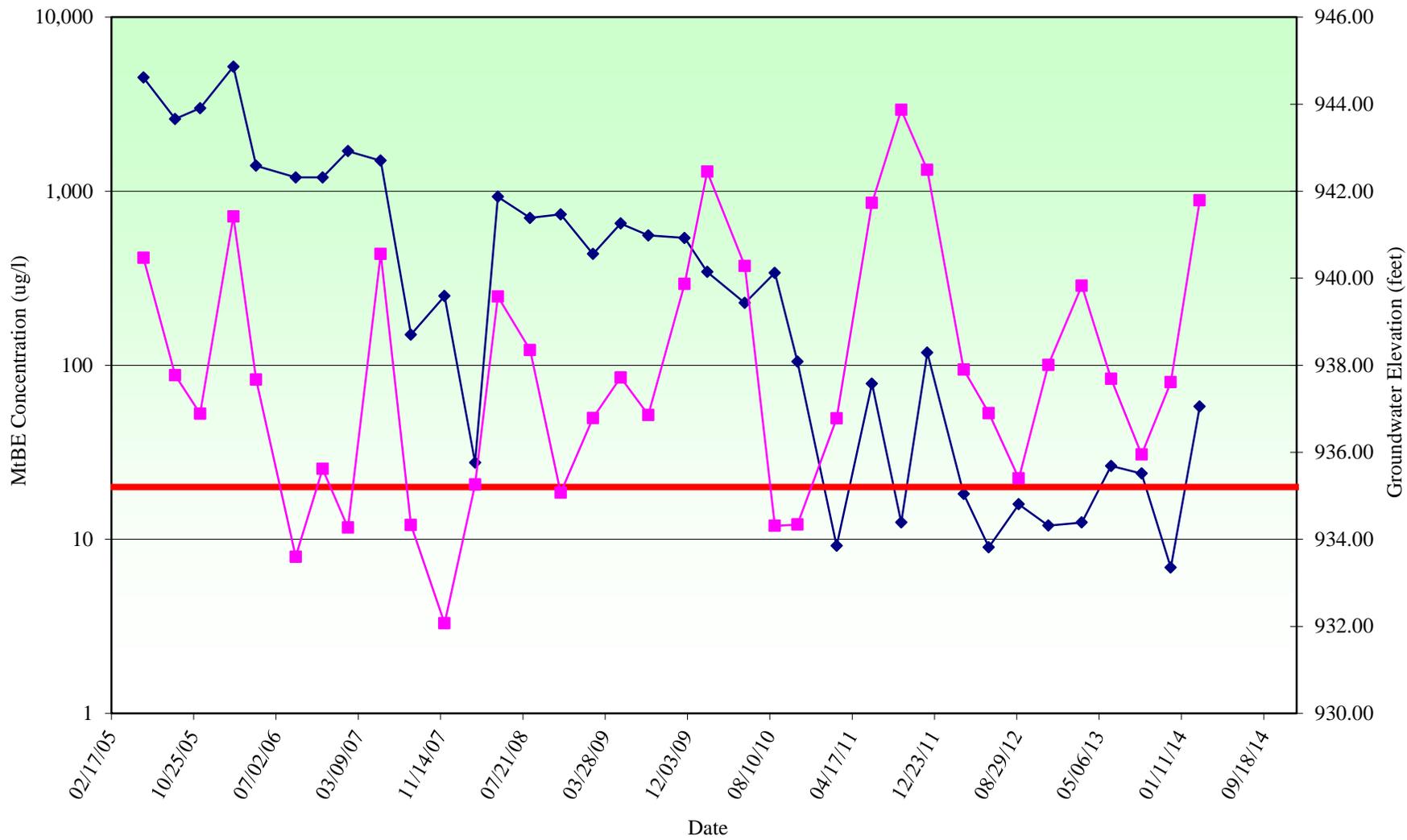
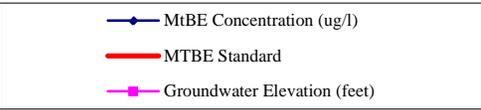
MtBE Concentration Trends Monitoring Well MW-1



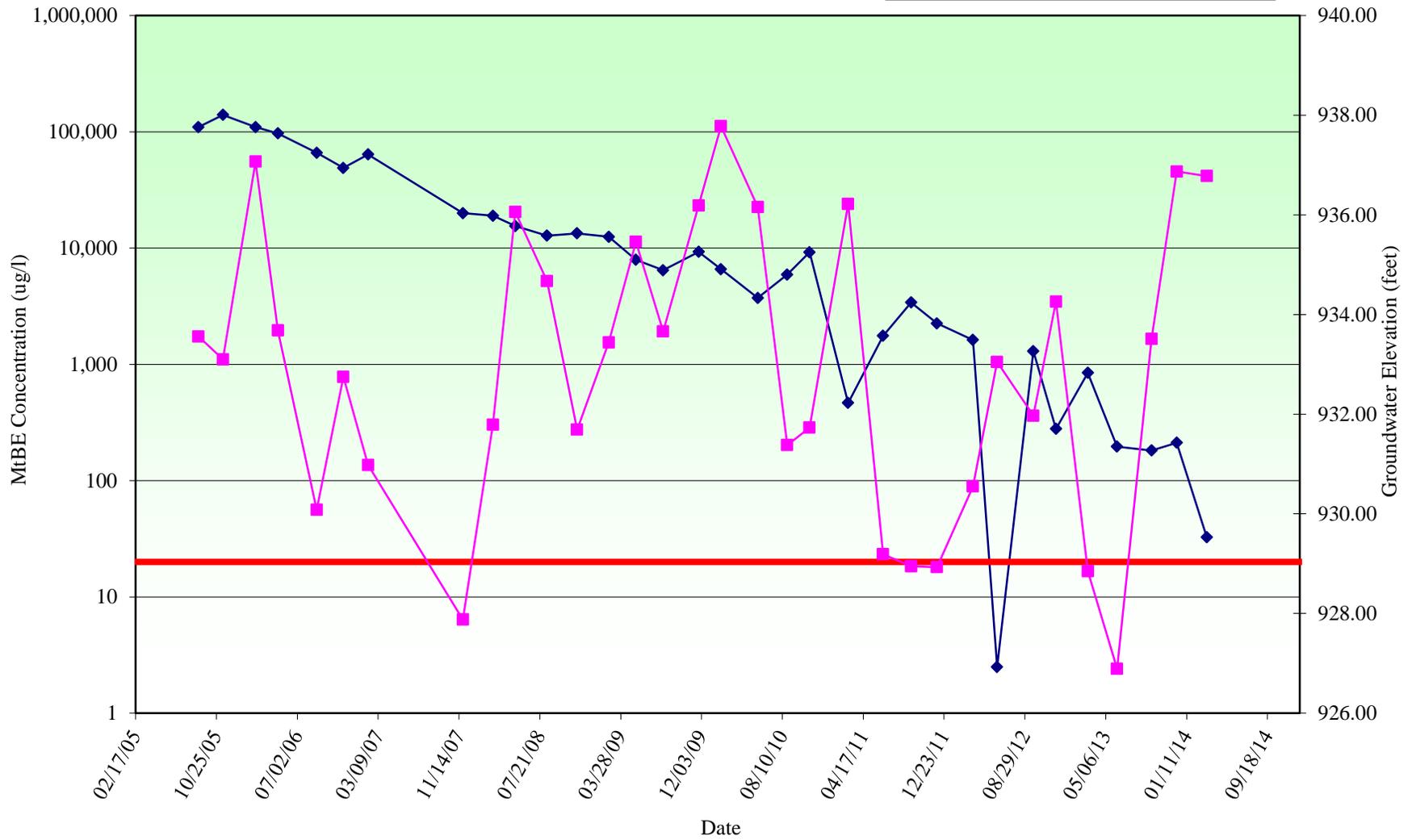
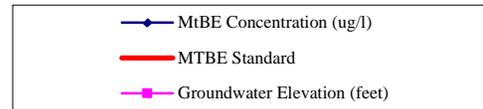
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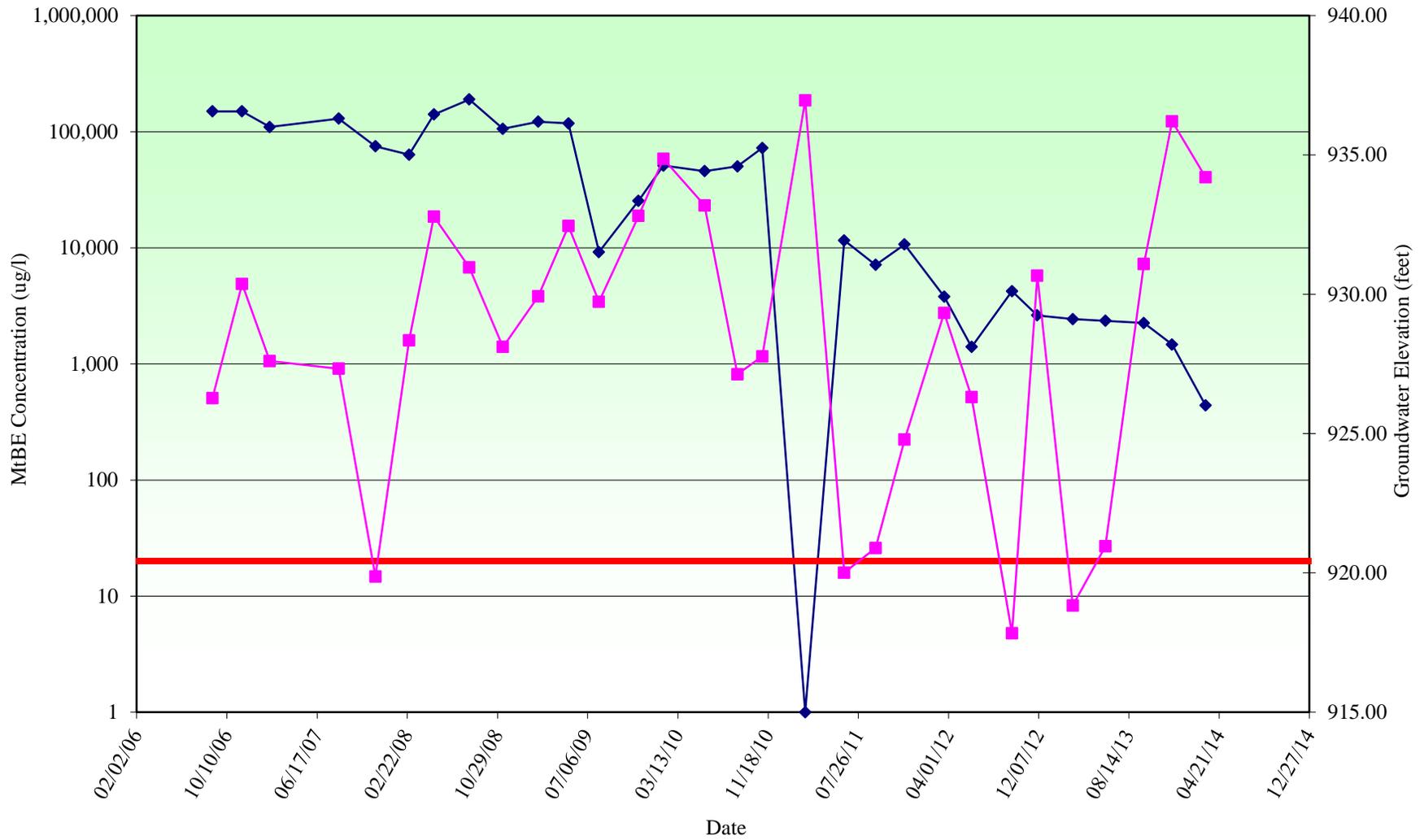
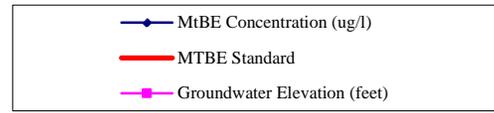
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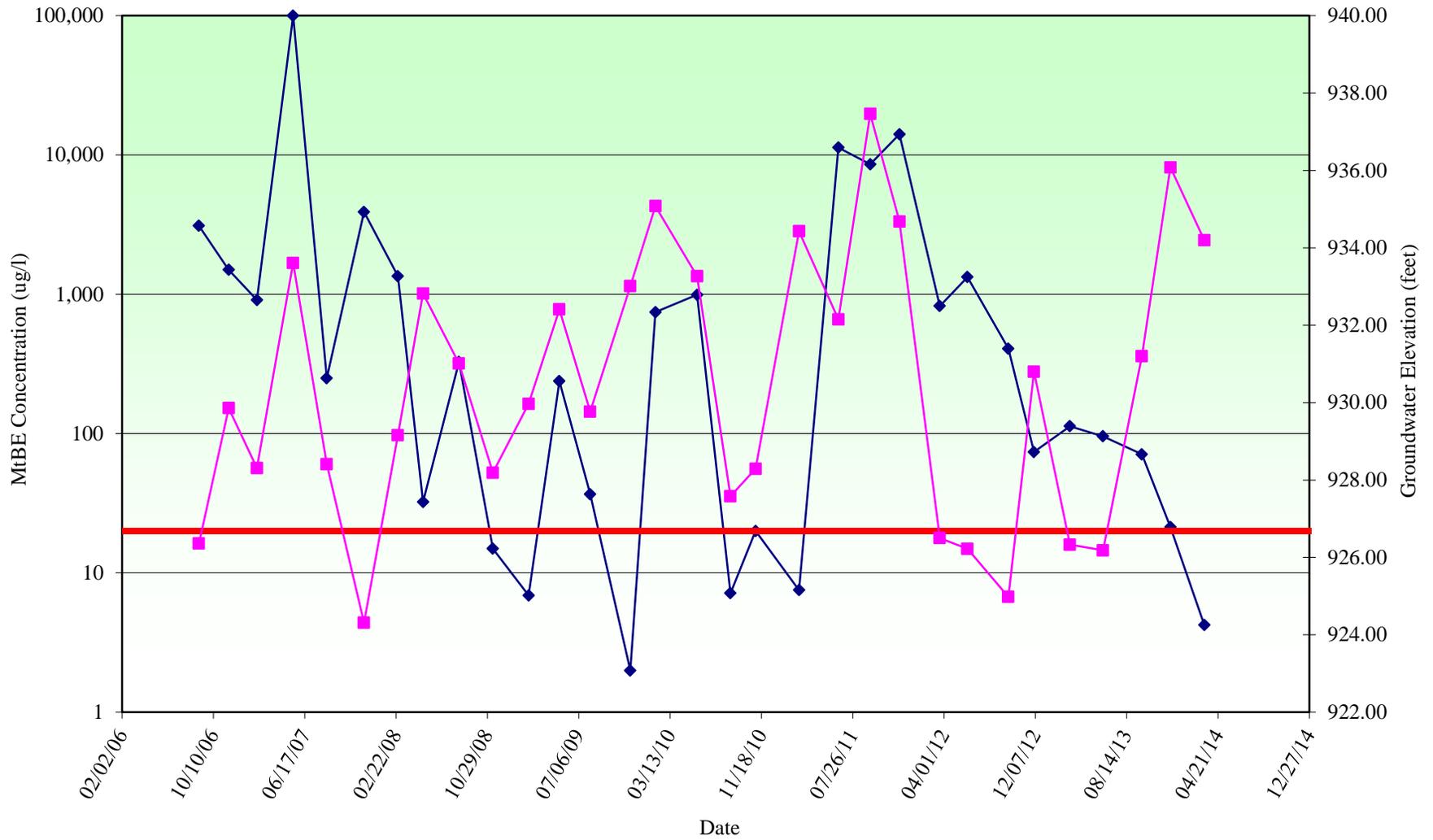
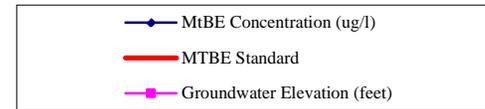
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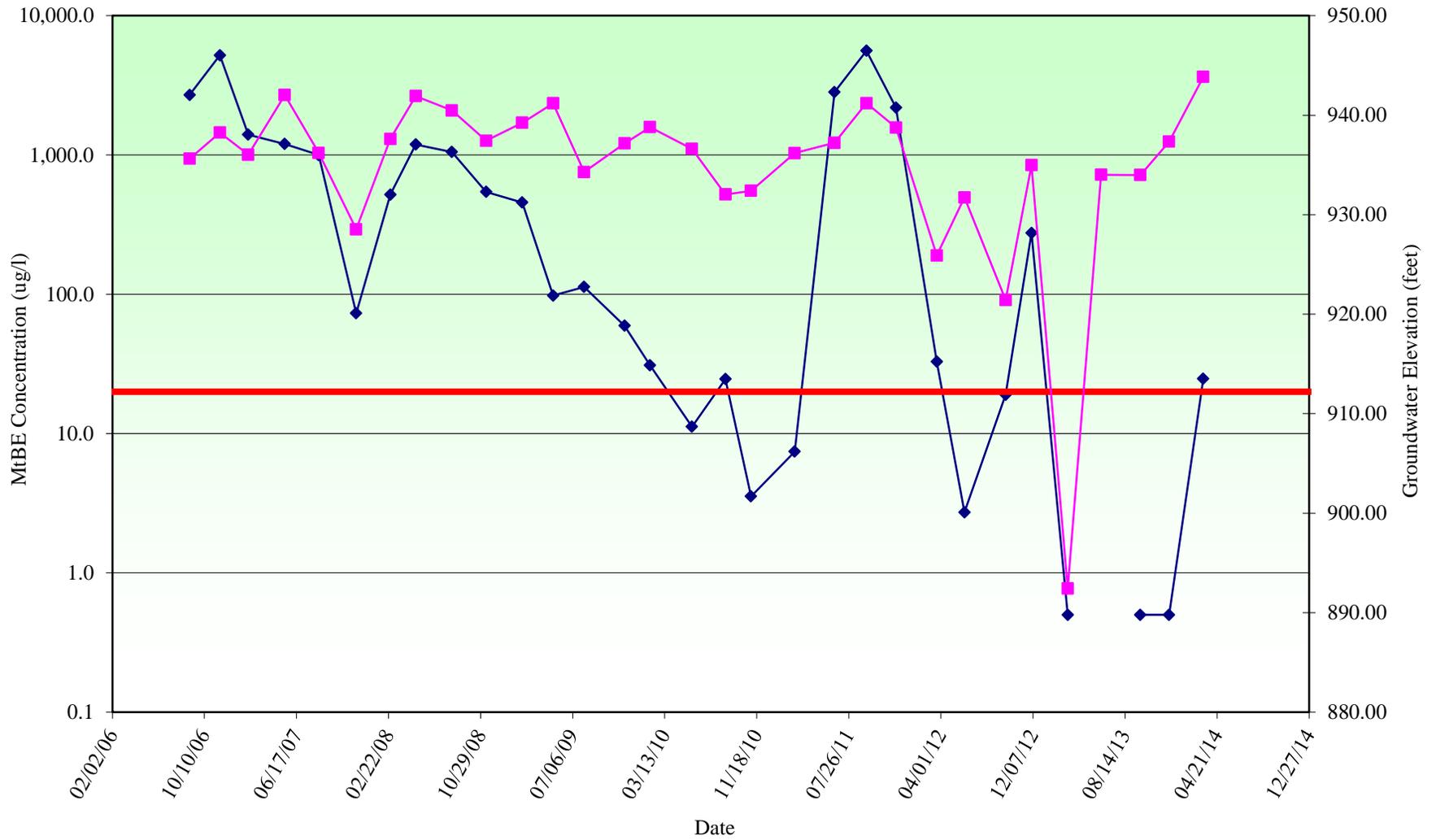
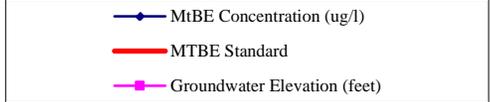
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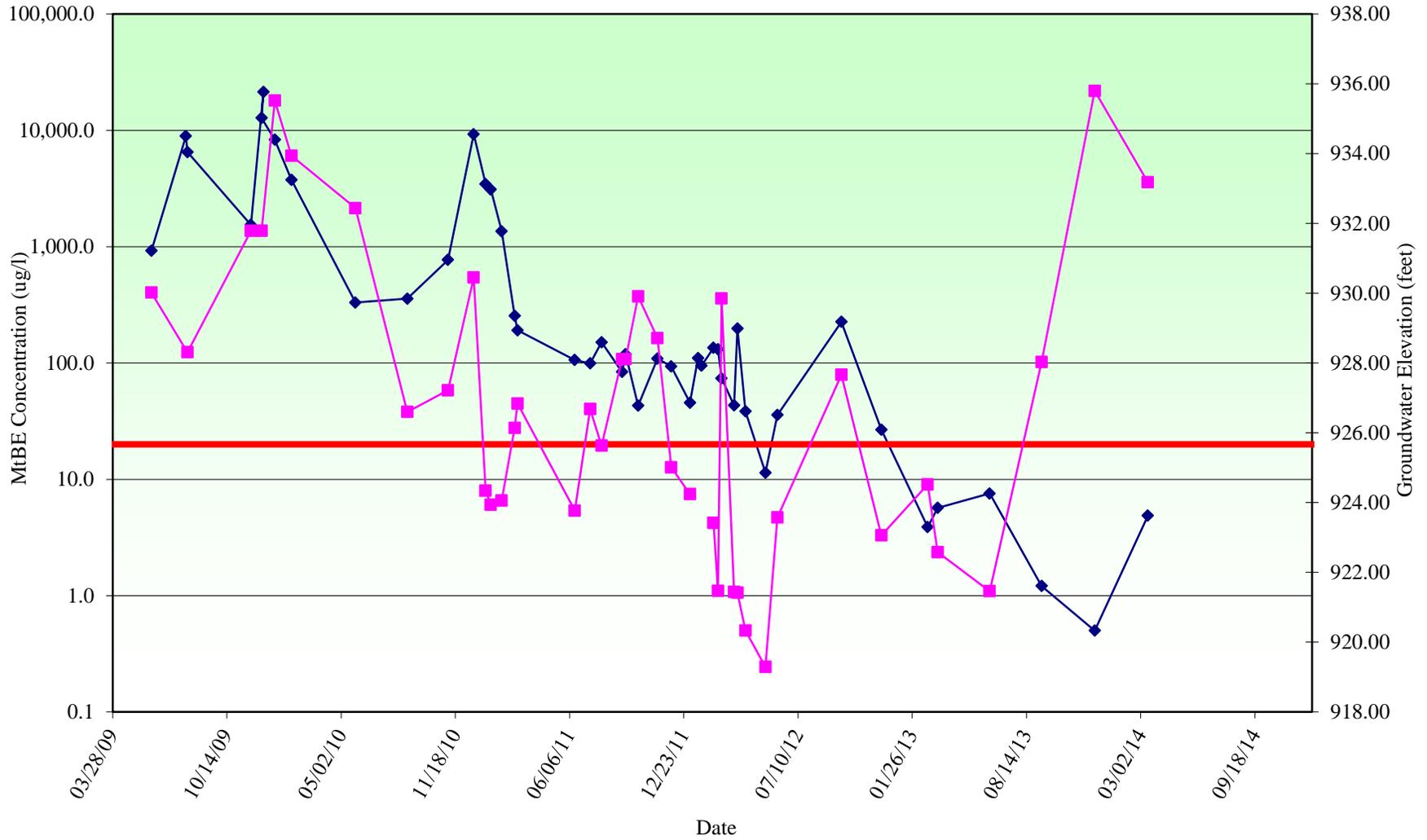
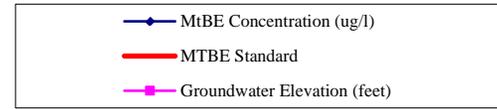
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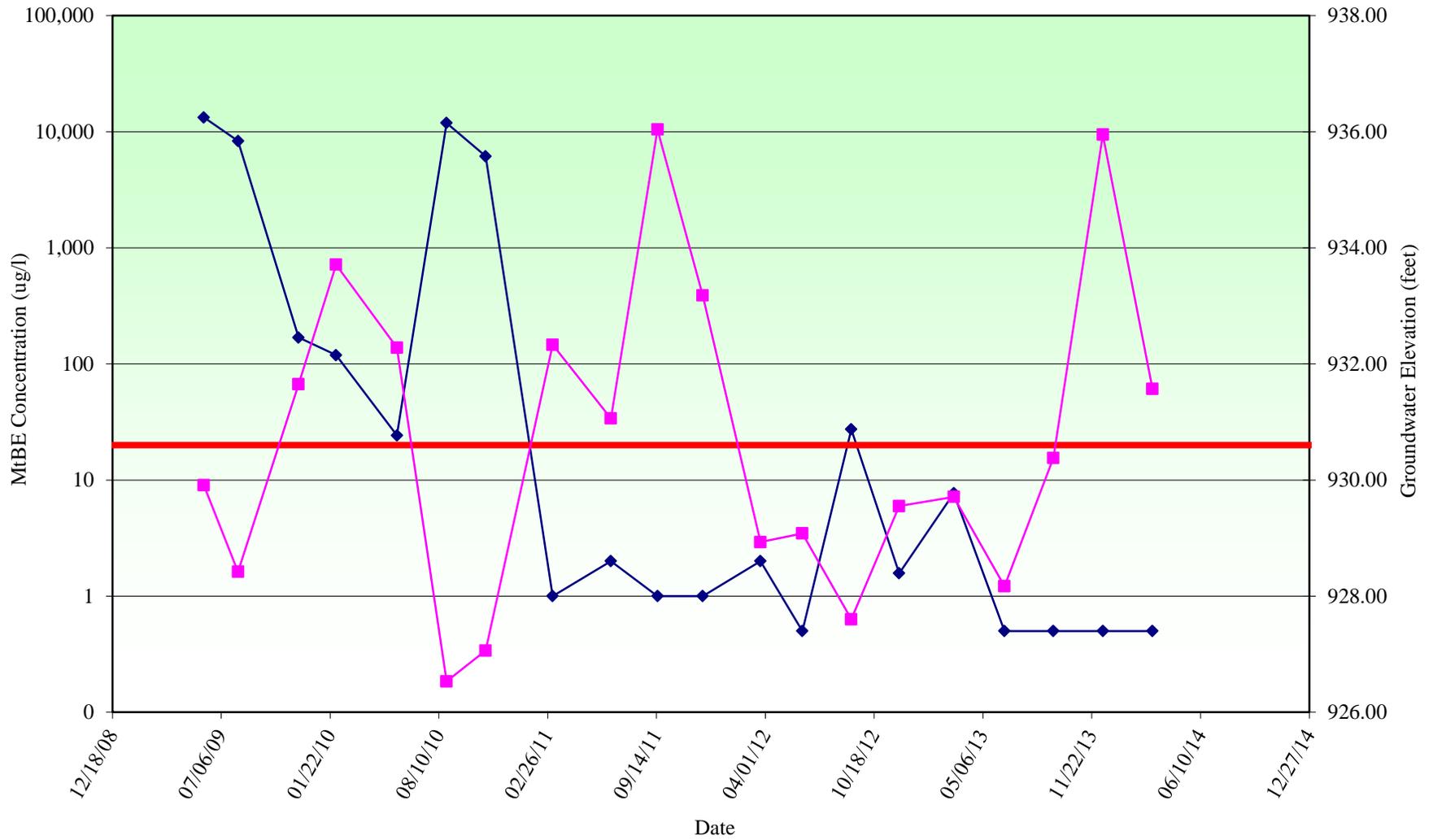
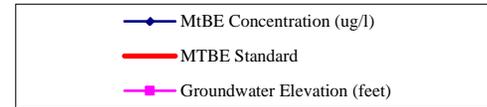
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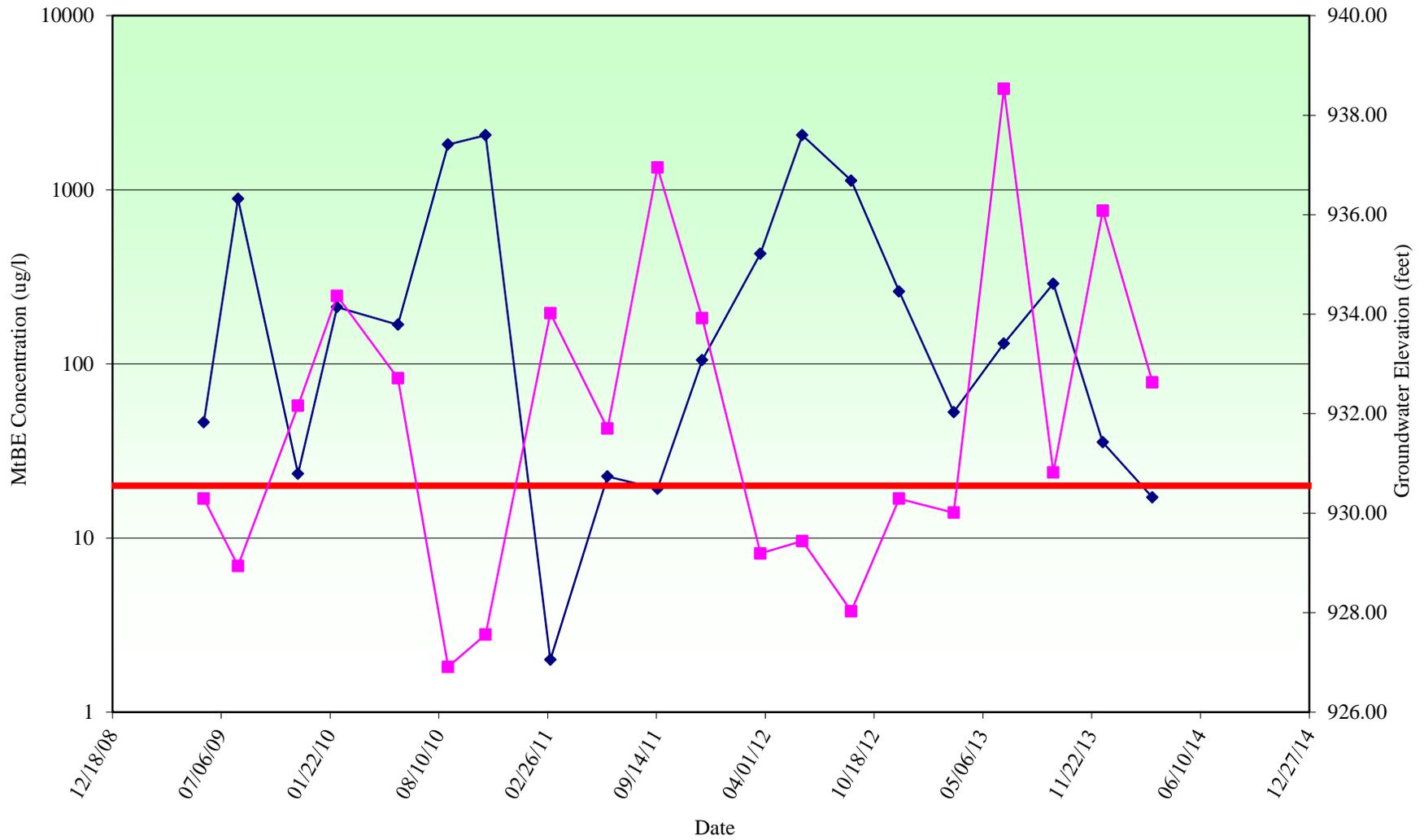
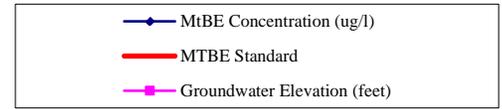
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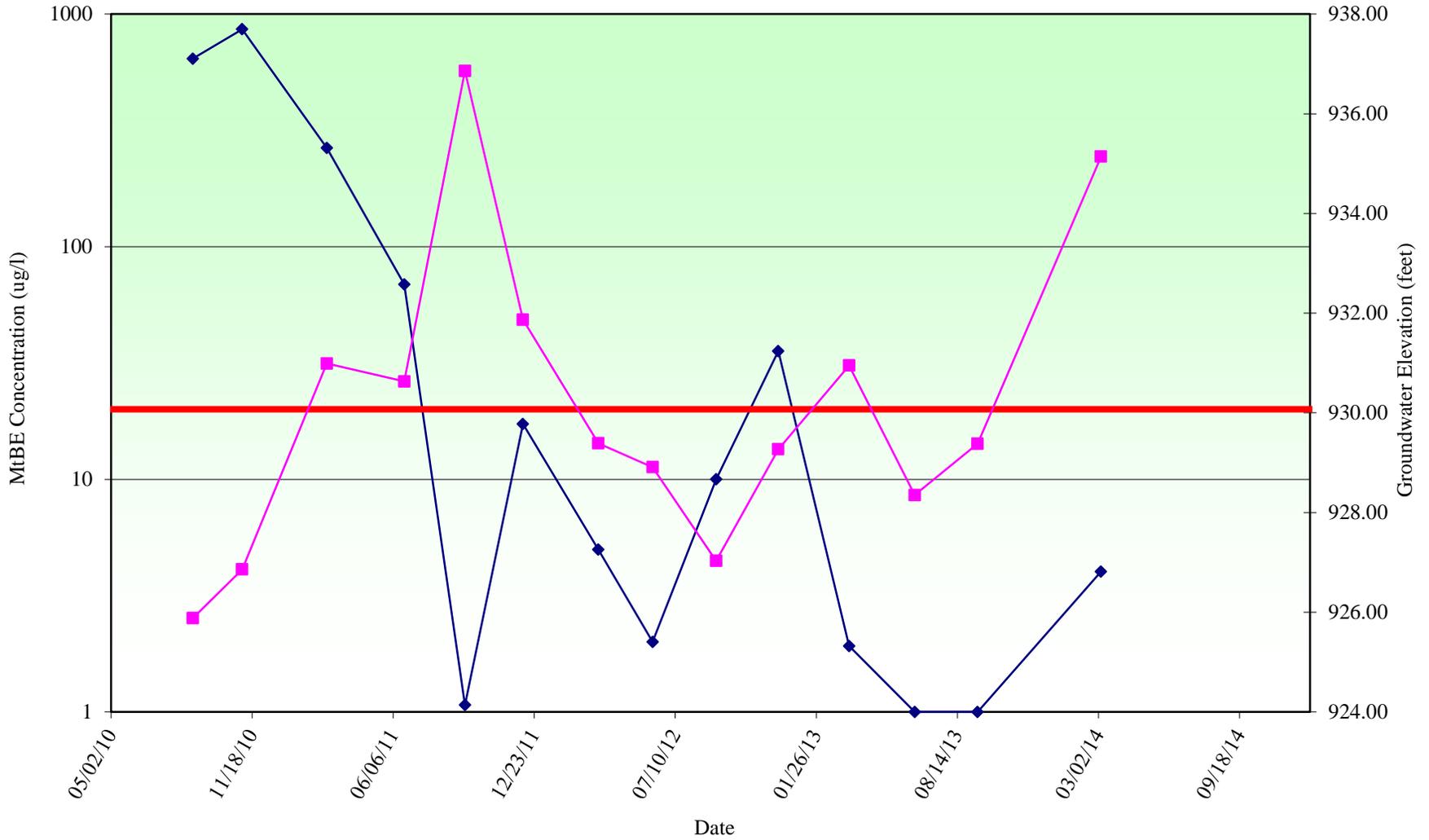
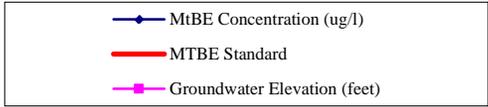
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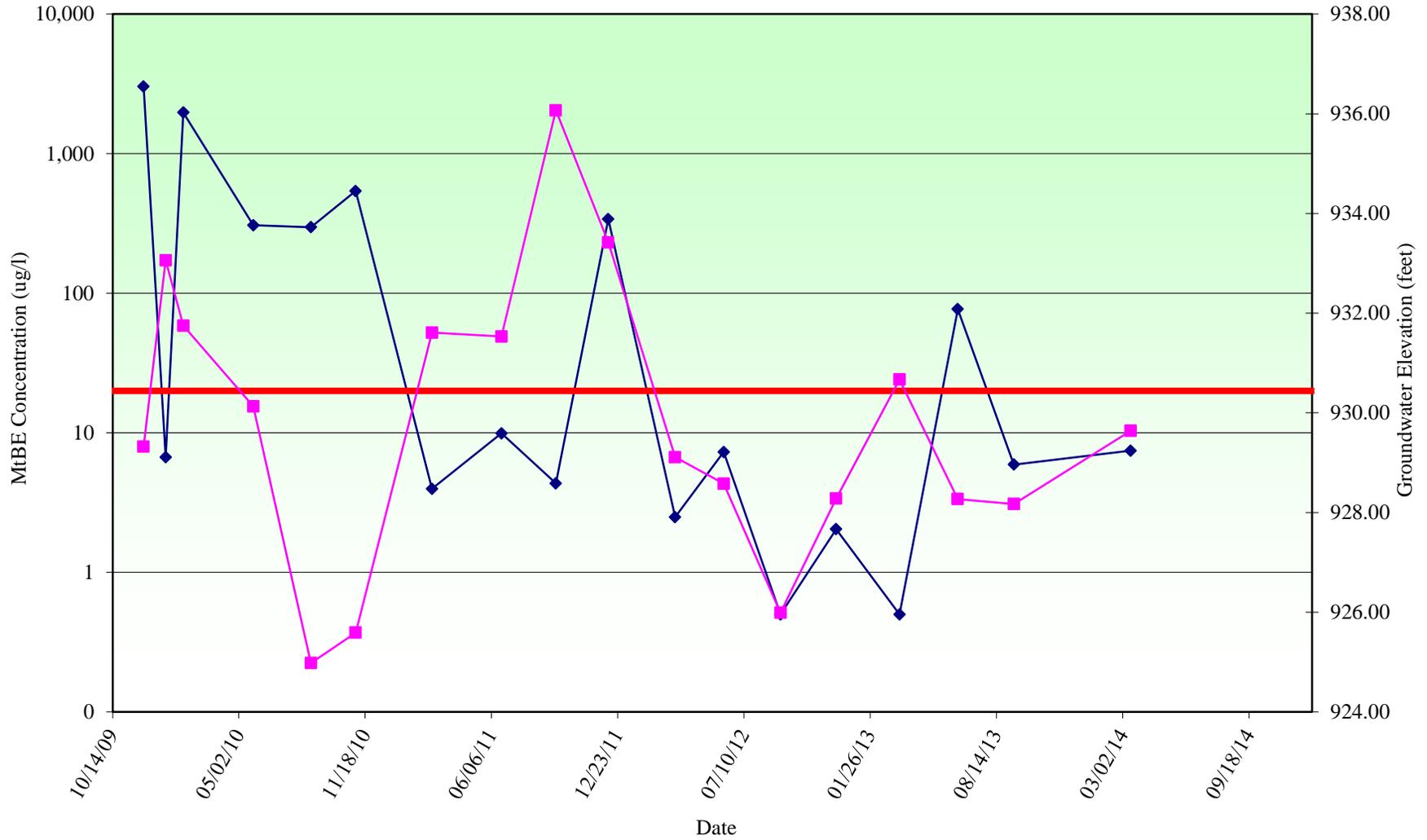
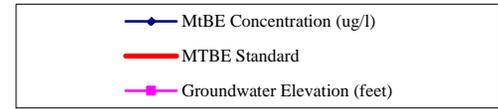
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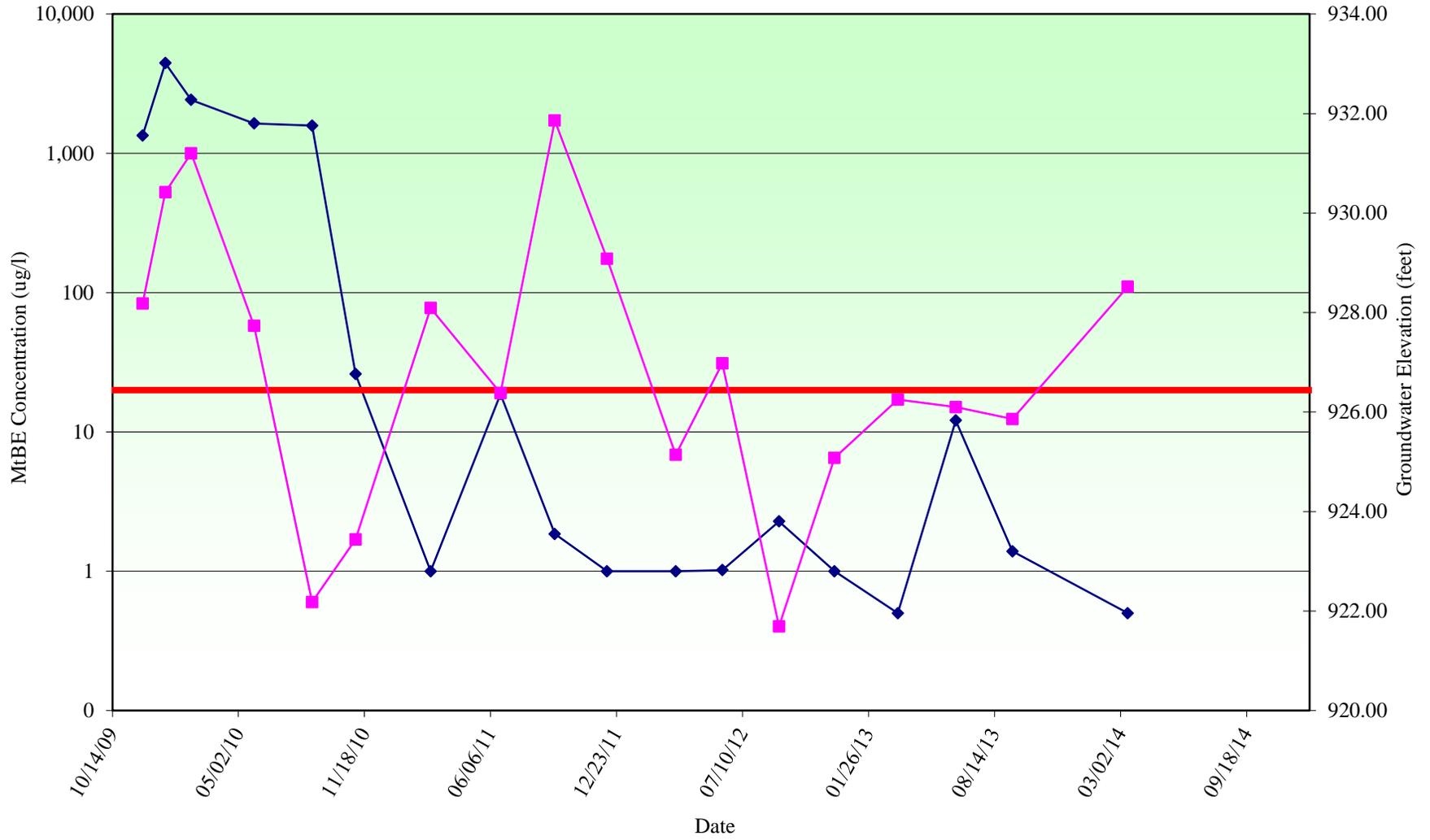
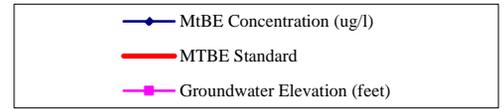
MtBE Concentration Trends
Monitoring Well MW-20B



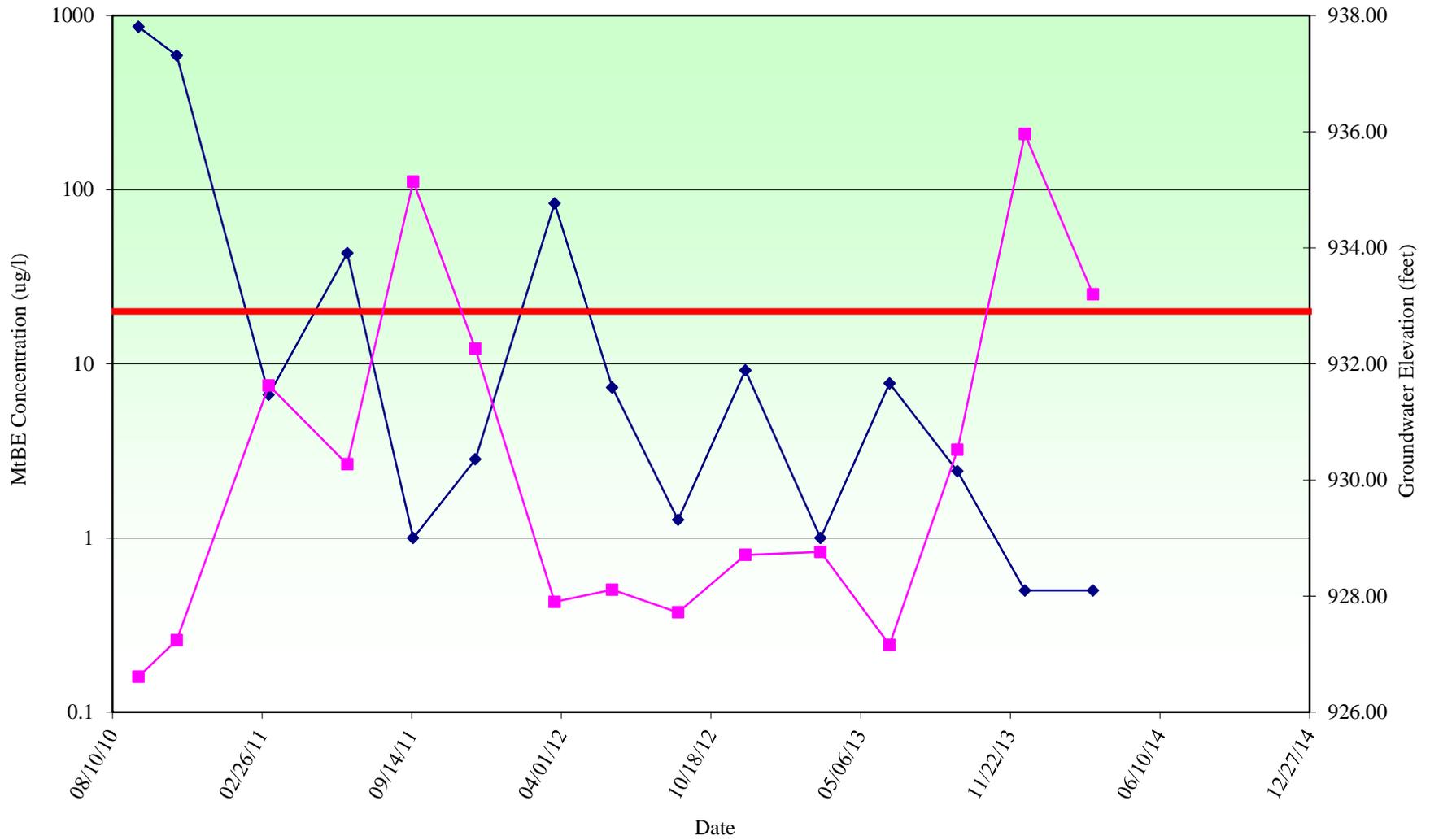
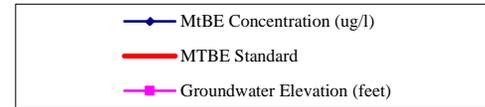
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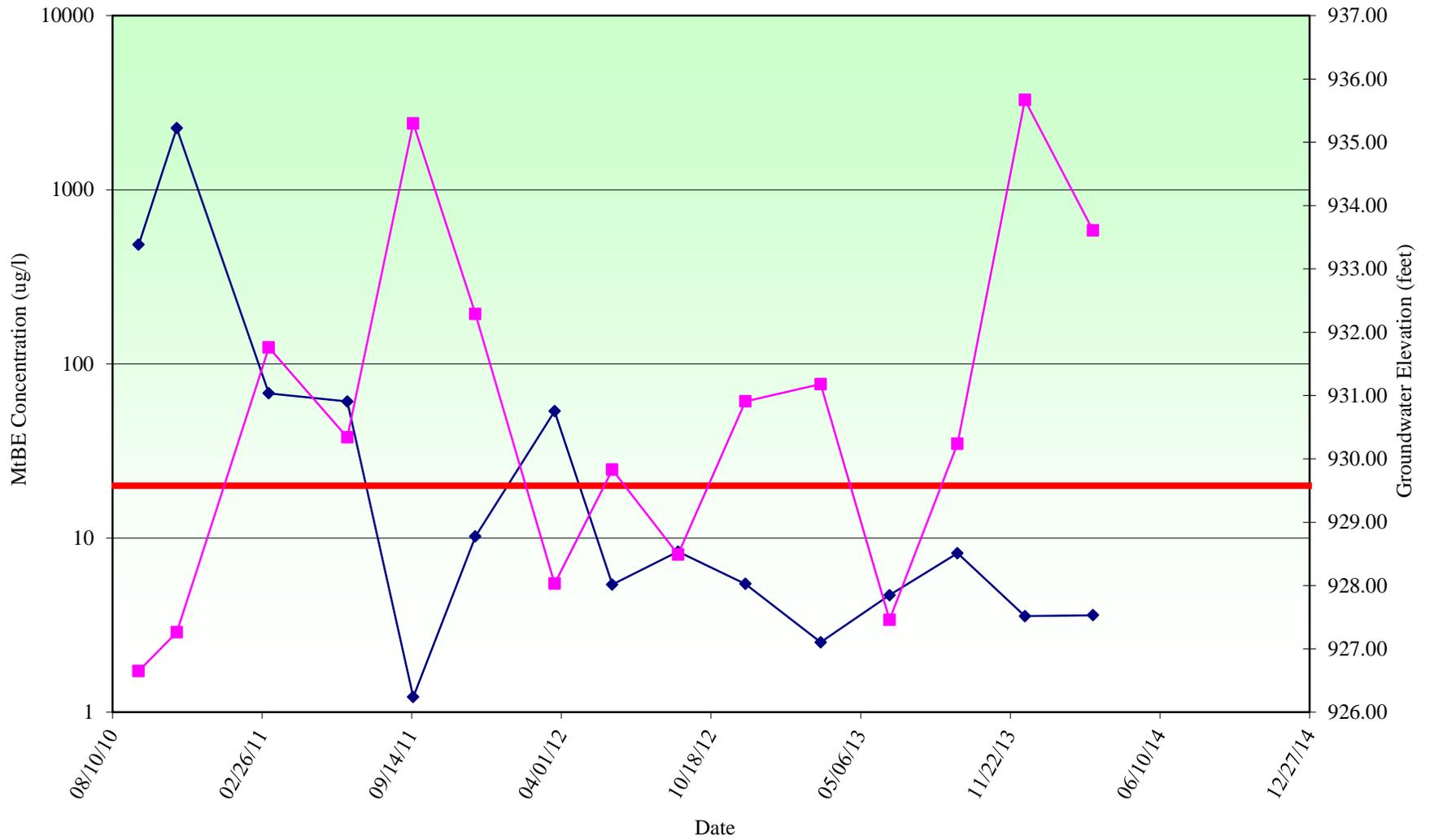
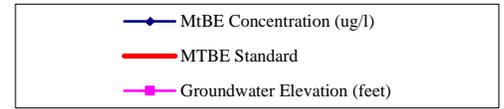
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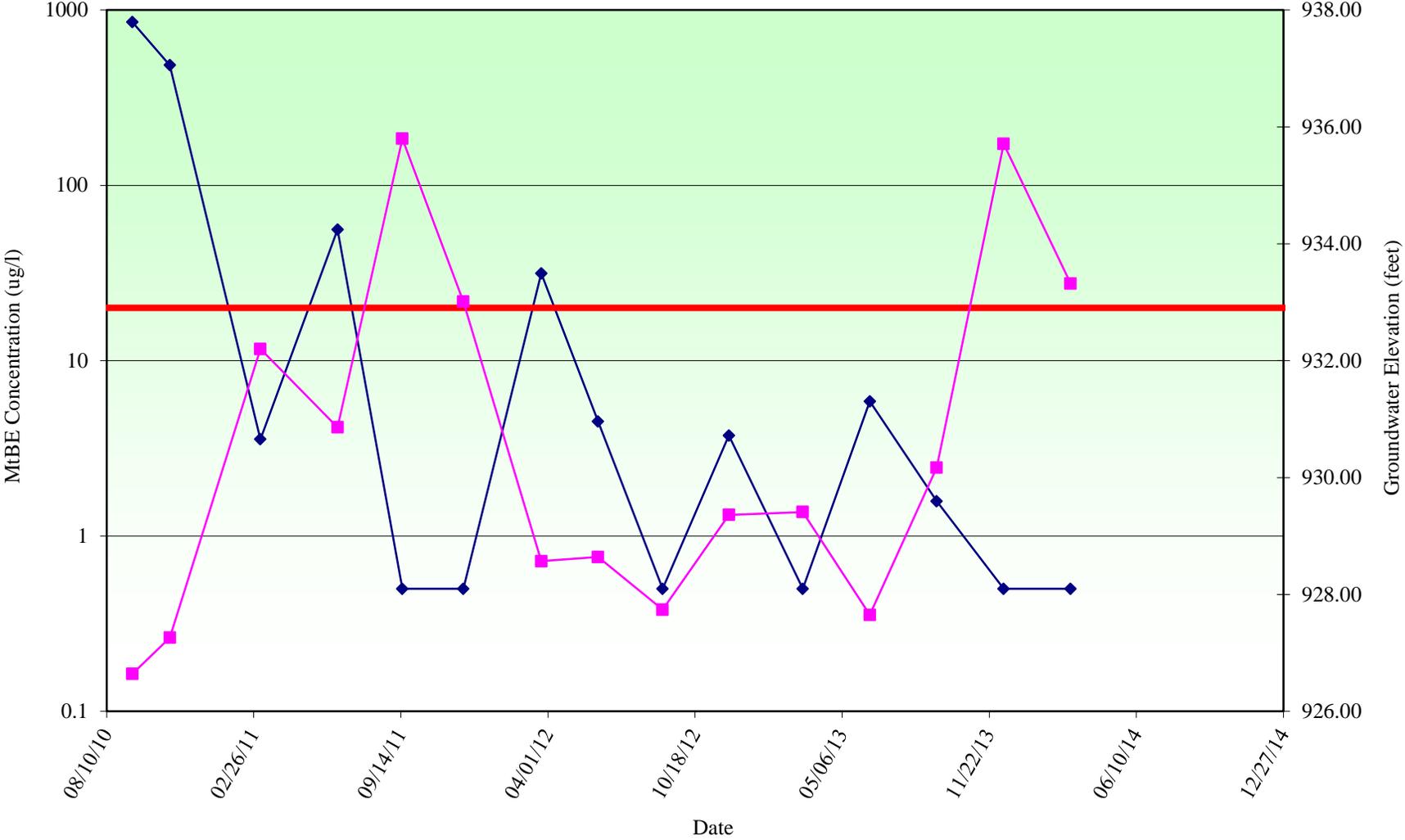
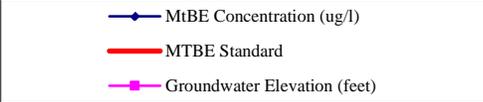
MtBE Concentration Trends Monitoring Well MW-27A



MtBE Concentration Trends Monitoring Well MW-27B



MtBE Concentration Trends Monitoring Well MW-28



MtBE Concentration Trends 3017 Walnut Street Agricultural Well

