January 31, 2017

Ms. Robin Futch
Georgia Department of Natural Resources
Response and Remediation Program
2 Martin Luther King, Jr. Drive
S.E. Suite 1462, East Tower
Atlanta, Georgia 30334-9000

RE: Voluntary Remediation Program Semi-Annual Progress Report #9
Tara Shopping Center
8564 Tara Boulevard, Jonesboro, Clayton County, Georgia
Tax Parcel ID 13242D B001; HSI Site No. 10798

Dear Ms. Futch,

On behalf of Ashland LLC (Ashland), EHS Support LLC (EHS Support) is submitting this Semi-Annual Progress Report for the project referenced above. Pursuant to the VRP application conditional approved letter issued on June 28, 2012, the purpose of this progress report is to provide a summary of activities completed between July and December 2016.

Groundwater Corrective Action Plan

On March 17, 2016, Ashland submitted a Groundwater Corrective Action Plan (CAP) to the Georgia Department of Natural Resources - Environmental Protection Division (Georgia EPD). Confirmation of public notification of the Groundwater CAP was submitted to the Georgia EPD on April 18, 2016.

On August 22, 2016, a letter was received from Georgia EPD that:

- Commended Ashland and their Consultant for thorough documentation of the conceptual site model and the receptor evaluation presented
- Accepted and approved the screening level ecological risk assessment (SLERA) and surface water risk assessment memo
- Determined that the Groundwater CAP was complete
- Conditionally approved the Groundwater CAP and schedule.

On November 4, 2016, a Revised Groundwater CAP was submitted to Georgia EPD. The Revised Groundwater CAP provided minor corrections including updated Parcel Identification and property ownership information, inclusion of monitoring well MW-15C in corrective action semi-annual monitoring, and tabulated groundwater elevation data from June 29, 2015.

A summary of corrective action activities is provided below. A tabulated summary of professional engineer and geologist time during this reporting period is provided as **Appendix A**.

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1.0 CORRECTIVE ACTION ACTIVITIES

This section presents activities completed between November and December 2016 as part of the recently approved Groundwater CAP, and includes the following:

- Supplemental groundwater sampling of upgradient monitoring wells MW-22A/B and MW-23A/B via low-flow/low-stress methodology
- Abandonment of monitoring wells MW-1A/C, MW-3B, MW-4B, MW-6A/B, MW-7C, MW-9B/C, MW-12A, MW-17A, MW-22A/B and MW-23A/B
- Inspection and gauging of all remaining monitoring wells
- Passive Diffusion Bag Deployment
- Redevelopment of monitoring well MW-10B
- Removal of pump tubing obstructing monitoring wells MW-11B and MW-23A
- Concrete pad repairs at several monitoring wells
- Semi-Annual groundwater sampling
- Removal of investigative derived waste.

A detailed summary of corrective action activities is provided below.

1.1 Supplemental Monitoring Well Sampling

On November 14, 2016, at the request of Georgia EPD, confirmation groundwater samples were collected from upgradient monitoring wells MW-22A/B and MW-23A/B using low flow purging and sampling techniques in accordance with USEPA Science and Ecosystem Support Division Operating Procedure SESDPROC-301-R3. A copy of the sampling forms is provided in **Appendix B.** Purge water was containerized in a properly-labeled, 55-gallon, DOT-approved, steel drum for subsequent off-site transport and disposal by Nexeo Solutions LLC.

Groundwater samples were packed on ice and submitted to TestAmerica of Savannah, Georgia for analysis of volatile organic compounds (VOCs) using USEPA Method 8260B. Groundwater samples were expedited, upon verbal approval by Georgia EPD on November 11, 2016, to assess whether results were consistent with prior results, and to facilitate proper abandonment of these wells with the other wells scheduled for abandonment. No VOCs were identified in monitoring wells MW-22A/B located east and upgradient of monitoring well cluster MW-13A/B/C. (Refer to **Figure 1**).

Trichloroethene (TCE) was identified in shallow residuum monitoring well MW-23A at a concentration of 4.3 micrograms per liter below the Risk Reduction Standard (RRS) of 5 micrograms per liter during the November 2016 sampling event. TCE was not previously identified in the two prior sampling events conducted in June and October 2015. TCE was not detected in the deep residuum monitoring well (MW-23B) in the November 2016 event or the two prior monitoring events.

A tabulated summary of analytical results overtime for monitoring wells MW-22A/B and MW23A/B is provided as **Table 1**. No analytical or quality issues were noted. An electronic copy of the laboratory analytical report is provided in **Appendix C**.

Georgia EPD approved abandonment of these monitoring wells via verbal communications on November 17, 2016. This approval was based upon the following:

- TCE was detected below the RRS

- Groundwater contour evaluation confirmed that MW-23A remained hydraulically upgradient of the previously-remediated source area
- The focus of corrective action monitoring was downgradient of the site, not upgradient
- Planned building addition (i.e., garage) at the location of well MW-23A.

Well abandonment activities are discussed in **Section 1.2**.

1.2 Monitoring Well Abandonment Activities

During the week of November 14, 2016, the fifteen monitoring wells (MW-1A/C, MW-3B, MW-4B, MW-6A/B, MW-7C, MW-9B/C, MW-12A, MW-17A, MW-22A/B and MW-23A/B) were abandoned by Geo Lab Drilling of Dacula, Georgia. Monitoring well MW-1A was observed to have been recently covered by others with asphalt. A jack hammer was used to remove the asphalt and locate the well. Each monitoring well was tremie-grouted in place. Flush mount well vaults and casings were removed and areas were repaired (i.e., concrete, asphalt, soil cover, etc.). Refuse was transported off-site by Geo Lab Drilling.

The monitoring well location map depicting the current well network is provided as **Figure 1**. A copy of the well abandonment records is provided as **Appendix D.**

1.3 Semi-Annual Corrective Action Monitoring

1.3.1 Well Inspection and Maintenance

The monitoring well network was inspected between November 14 and November 18, 2016. Each well in the network was visually inspected for integrity including surface cover and well condition. The depth to water and total depth were also recorded for comparison to installation information. A brief summary of corrective action inspection and maintenance activities is provided below.

- MW-10B: Monitoring well MW-10B was redeveloped after the total depth was measured at 39.31 feet, approximately 10 feet above the installation depth at 50 feet. On November 16, 2016, Geo Lab Drilling redeveloped monitoring well MW-10B with a submersible pump capable of freeing the silt. Approximately 35 gallons of water was removed. The total depth was measured at 49.30 feet after redevelopment. Purge water was containerized for subsequent off-site transportation and disposal.
- MW-11B: A potential blockage at 25 feet was identified during the last sampling event in January 2015. On November 15, 2016, Ashland's consultant was able to retrieve pump tubing from the well. Total depth was measured at 57.45 feet, which was consistent with the initial installation depth of 57 feet.
- MW-23B: Unplanned maintenance was performed at monitoring well MW-23B prior to sampling. Downhole pump tubing was removed from the well prior to sampling and subsequent abandonment.
- New concrete pads were installed at MW-10A and MW-10B. In addition, concrete pads were patched on monitoring wells MW-8A/B, MW-14A, and MW-19A/B/C/D. A suitable replacement for well vaults at MW-19A/B/C/D is currently being evaluated.

1.3.2 Semi-Annual Monitoring Well Sampling

During the week of November 14, 2016, passive diffusion bag (PDB) samplers were deployed into monitoring wells MW-13A/B, MW-15A/B/C, MW-16A/B/C, MW-19B/C/D, MW-20C, and MW-24C to support semi-annual and annual groundwater monitoring. Passive diffusion bag supplies including laboratory grade de-ionized water were obtained from EON Products, Inc. of Snellville, Georgia. Each sampler was designed with a 24-inch long, 1.75 inch diameter, 500-milliliter volume, poly-mesh sampler and a stainless steel weight (8 or 20 ounce), and suspended within the well screen interval prior to tethering the suspension cable to the expandable well cap at grade.

On December 19, 2016, PDB samplers were removed and groundwater samples were collected from bedrock monitoring wells MW-15C, MW-16C, MW-19C, MW-19D, MW-20C, and MW-24C and deep residuum monitoring well MW-19B. Samples were collected by decanting the water directly from the PDB into laboratory supplied glassware. Groundwater samples were packed on ice and submitted to TestAmerica of Savannah Georgia under chain of custody for analysis of volatile organic compounds using USEPA Method 8260B.

A new PDB sampler and dedicated weight were installed within each of the bedrock monitoring wells in preparation for the annual monitoring event proposed for May/June 2017. Passive diffusion bag supplies including laboratory grade de-ionized water were obtained from EON Products, Inc.

Analytical Results

Tetrachloroethene (PCE), TCE, and cis-1,2-dichlorothene (cis-1,2-DCE) were identified above their respective Type 1 RRS in each bedrock well sampled except monitoring well MW-15C. Monitoring well MW-15C is positioned immediately west of the former dry cleaner site and is indicative of improving groundwater conditions. Overall, concentrations in sampled wells are consistent with previous sampling results (i.e., less than an order of magnitude variance). A tabulated summary of analytical results overtime for each monitoring well is provided as **Table 2**.

Select samples required dilution prior to analysis including MW-16C (10x), MW-19B (2x, 5x), and MW-19D (2x). Reanalysis of samples MW-19B and MW-19D were run outside their hold time. No other analytical or quality issues were noted. An electronic copy of the laboratory analytical report is provided in **Appendix C**.

1.3.3 Surface Water Sampling

On December 19, 2016, surface water samples were collected from the unnamed creek west of the former dry cleaner site at the locations identified below:

Sample ID	Location Description	Analysis
OF-2	Storm water outfall near headwater of unnamed creek	VOCs USEPA 8260B
SS-1	Approximately 85 feet west and downstream of OF-1	
SS-2	Approximately 170 feet west and downstream of SS-1	
SS-3	Approximately 550 feet west and downstream of SS-2	

Station SS-3 was initially proposed 800 feet downstream of SS-2 in the Georgia EPD-approved Groundwater CAP. However, during field reconnaissance station SS-3 was relocated to approximately 550

feet from SS-2 (near Jeb Stuart Drive) to minimize access through private properties. Access was conducted off the Clayton County right-of-way 25 feet from the middle of Jeb Stuart Drive within the bounds of public access. This location was visually observed and approved by Georgia EPD on December 19, 2016.

Surface water samples were collected in the following order SS-2, SS-1, OF-2 and SS-3. Surface water samples were collected with a pre-cleaned, glass sampling cup and decanted directly into laboratory supplied bottleware. Surface water samples were packed on ice and submitted to TestAmerica of Savannah Georgia under chain of custody for analysis of VOCs using USEPA Method 8260B.

Tetrachloroethene and cis-1,2-DCE were identified above their respective Georgia Water Quality Standards at each location sampled. Tetrachloroethene was identified above the Chronic Ecological Screening Value of 53 micrograms per liter (µg/L) in surface water sampling SS-1 (at a concentration of 82 µg/L), but below this standard in downstream surface water samples SS-2 and SS-3. Concentrations are generally consistent with previous sampling results (i.e., less than an order of magnitude variance). A tabulated summary of analytical results between 2015 and 2016 is provided as **Table 3**. No other analytical or quality issues were noted. An electronic copy of the laboratory analytical report is provided in **Appendix C**.

Discussion

VOC concentrations in surface water continue to be an order of magnitude lower than concentrations identified in upgradient bedrock monitoring wells. While concentration in SS-3 are not suspected to be from cross contamination, surface water samples will be collected from downstream to upstream to minimize the potential for cross contamination in subsequent sampling events.

2.0 Vapor Intrusion Scope of Work

A Soil Vapor Intrusion (SVI) Work Plan describing the activities to investigate the potential for soil vapor intrusion was developed. Ashland would like to discuss the approach for the work and data objectives via a conference call prior to initiate field activities.

Ashland has contacted property owners to request access to properties for evaluation. Vapor Intrusion field activities are anticipated to commence upon future discussion with and receiving concurrence from Georgia EPD. A call is being planned in early 2017 to discuss with Georgia EPD the plan moving forward for VI activities at the Tara Shopping Center.

Professional Hours and Certification

A summary of professional hours from June 1, 2016 through December 31, 2016 is provided in **Appendix A**. Certification of the information presented in this progress report is provided as **Appendix E**.

Corrective Action Schedule

The annual groundwater monitoring event is tentatively scheduled for May/June 2017. This event will include sample of PDB samplers from wells MW-13A/B, MW-15A/B/C, MW-16A/B/C, MW-19B/C/D, MW-20C, and MW-24C. In addition, surface water samples will be collected from the unnamed creek.

Concurrent with PDB sample collection, traditional groundwater sampling methods (i.e., low-flow/low-stress sampling) will be conducted on two select monitoring wells. At the request of Georgia EPD on December 6, 2016, the data from these two wells will be used to evaluate consistency between

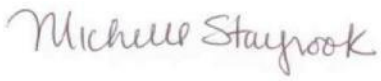
concentrations from PDB and low-flow sampling methods, and to determine need for additional traditional groundwater sampling. Traditional groundwater sampling methods are understood to be required by GA EPD for the final, annual sample collection event proposed under the Groundwater CAP in 2019.

Compliance Status Report

A Compliance Status Report will be submitted on or before June 28, 2017.

If you should have any questions regarding the information presented in this progress report, please contact me at michelle.stayrook@ehs-support.com or 412-807-1494. Alternatively, you can contact Michael Dever at mbdever@ashland.com or 614-790-1586.

Sincerely,



Michelle Stayrook
EHS Support
Project Manager

Attachments

cc: Michael Dever, Ashland (email)
Rich Williams, Esq., Ashland (email)
Eric Nathan, Tara Retail Holdings, Inc.
Amy Magee, King and Spalding
Jonathan Waddell, P.E. EHS Support (email)

TABLES

TABLE 1 - SUMMARY OF GROUNDWATER SAMPLING DATA
UPGRADIENT MONITORING WELL CLUSTER MW-22A/B AND MW-23A/B
TARA SHOPPING CENTER, 8564 TARA BOULEVARD JONESBORO, GA

Sample ID	Type 1 Risk Reduction Standards	MW-22A			MW-22B		
Lab Sample Number		680-107535-2	680-114152-1	680-132112-3	680-107535-3	680-114152-2	680-132112-4
Sampling Date		11/19/2014 11:33:00	06/30/2015 14:15:00	11/14/2016 15:30:00	11/19/2014 12:07:00	06/30/2015 14:55:00	11/14/2016 16:40:00
Matrix		Water	Water	Water	Water	Water	Water
Dilution Factor		1	1	1	1	1	1
Units		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Volatiles - 8260B		Low	Low	Low	Low	Low	Low
VOC Constituents of Concern							
Tetrachloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2	1 U	1 U	1 U	1 U	1 U	1 U
Other VOC Compounds							
1,1,1-Trichloroethane	200	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	400	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	7	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	5	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	200	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	NA	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	200	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	400	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	80	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	NA	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	400	2 U	2 U	2 U	2 U	2 U	2 U
Carbon tetrachloride	5	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	100	1 U	1 U	1 U	1 U	1 U	1 U
Chlorodibromomethane	80	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	NA	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	80	1 U	1 U	1 U	23	2.4	1 U
Chloromethane	NA	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	NA	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	80	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorobromomethane	700	1 U	1 U	1 U	6.7	1 U	1 U
Ethylbenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	100	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	1,000	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	100	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	10,000	2 U	1 U	1 U	2 U	1 U	1 U
Total Conc					29.7	2.4	

See Notes on Last Page

TABLE 1 - SUMMARY OF GROUNDWATER SAMPLING DATA
UPGRADIENT MONITORING WELL CLUSTER MW-22A/B AND MW-23A/B
TARA SHOPPING CENTER, 8564 TARA BOULEVARD JONESBORO, GA

Sample ID	Type 1 Risk Reduction Standards	MW-23A			MW-23B			Trip Blank
Lab Sample Number		680-114152-10	680-117982-5	680-132112-2	680-114152-4	680-117982-4	680-132112-1	680-132112-5
Sampling Date		06/30/2015 18:10:00	10/16/2015 10:45:00	11/14/2016 13:45:00	06/30/2015 17:50:00	10/16/2015 12:03:00	11/14/2016 12:45:00	11/14/2016 00:00:00
Matrix		Water	Water	Water	Water	Water	Water	Water
Dilution Factor		1	1	1	1	1	1	1
Units		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Volatiles - 8260B		Low	Low	Low	Low	Low	Low	Low
VOC Constituents of Concern								
Tetrachloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5	1 U	1 U	4.3	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Other VOC Compounds								
1,1,1-Trichloroethane	200	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	400	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	7	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	200	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	200	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	400	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	5	1 U	1 U	1 U	6.7	1 U	1 U	1 U
Bromoform	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	400	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Carbon tetrachloride	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	100	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorodibromomethane	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	80	3.7	1 U	1 U	7.5	1 U	1 U	1 U
Chloromethane	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorobromomethane	700	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	3	1 U	5 U	1 U	1.1	5 U	1 U	1 U
Methylene Chloride	100	5 U	1 U	5 U	5 U	1 U	5 U	5 U
Styrene	1,000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	100	1 U	1 U	1 U	5.4	1 U	1 U	1 U
trans-1,3-Dichloropropene	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	10,000	1 U	1 U	1 U	1.8	1 U	1 U	1 U
Total Conc		3.7		4.3	22.5			

See Notes on Last Page

TABLE 1 - SUMMARY OF GROUNDWATER SAMPLING DATA
UPGRADIENT MONITORING WELL CLUSTER MW-22A/B AND MW-23A/B
TARA SHOPPING CENTER, 8564 TARA BOULEVARD JONESBORO, GA

NOTES:

µg/L	micrograms per liter
U	Value not detected above the laboratory reporting limit.
Yellow	Exceedance of Type 1 Risk Reduction Standard for Groundwater.
GC/MS VOA - 8260	Gas Chromatography/Mass Spec Volatile Organic Analysis USEPA Method 8260B
NA	Not Available

TABLE 2 - SUMMARY OF GROUNDWATER SAMPLING DATA (2014-2016)
BEDROCK MONITORING WELLS
TARA SHOPPING CENTER, 8564 TARA BOULEVARD, JONESBORO, GA

Sample ID	Type 1 Risk Reduction Standards	MW-15C			MW-24C		
Lithological Unit		Bedrock MW			Bedrock MW		
Lab Sample Number		680-114574-15	680-117982-2	680-133511-1	680-114236-5	680-117982-3	680-133511-2
Sampling Date		07/15/2015 08:54:00	10/16/2015 14:51:00	12/19/2016 07:55:00	07/02/2015 14:50:00	10/16/2015 13:29:00	12/19/2016 08:20:00
Matrix		Water	Water	Water	Water	Water	Water
Dilution Factor		1	1	1	1	1	1
Units		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Volatiles - 8260B							
VOC Constituents of Concern							
Tetrachloroethene	5	10	4.7	3.9	41	20	11
Trichloroethene	5	1.9	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	70	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2	1 U	1 U	1 U	1 U	1 U	1 U
Other VOC Compounds							
1,1,1-Trichloroethane	200	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	400	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	7	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	5	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	200	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	NA	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	200	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	400	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	80	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	NA	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	400	30	12	2 U	2 U	2 U	2 U
Carbon tetrachloride	5	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	100	1 U	1 U	1 U	1 U	1 U	1 U
Chlorodibromomethane	80	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	NA	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	80	22	12	5.9	1.8	1 U	1 U
Chloromethane	NA	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorobromomethane	80	1.6	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	700	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	3	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	100	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	1,000	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	10,000	1 U	1 U	1 U	1 U	1 U	1 U
Total VOCs		65.5	28.7	9.8	42.8	20	11

See Notes on Last Page

TABLE 2 - SUMMARY OF GROUNDWATER SAMPLING DATA (2014-2016)
BEDROCK MONITORING WELLS
TARA SHOPPING CENTER, 8564 TARA BOULEVARD, JONESBORO, GA

Sample ID	Type 1 Risk Reduction Standards	MW-16C		MW-19B			MW-19C		
Lithological Unit		Bedrock MW		Bedrock MW			Bedrock MW		
Lab Sample Number		680-114574-20	680-133511-3	680-107535-9	680-114574-10	680-133511-11	680-107535-8	680-114574-9	680-133511-8
Sampling Date		07/15/2015 14:33:00	12/19/2016 08:45:00	11/19/2014 18:07:00	07/14/2015 15:15:00	12/19/2016 12:40:00	11/19/2014 17:29:00	07/14/2015 14:22:00	12/19/2016 10:35:00
Matrix		Water	Water	Water	Water	Water	Water	Water	Water
Dilution Factor		1	10	5	1	5	2	1	1
Units		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Volatiles - 8260B									
VOC Constituents of Concern									
Tetrachloroethene	5	820 D	800	870	370	180	290	200	190
Trichloroethene	5	72	80	67	34	45	18	18	24
cis-1,2-Dichloroethene	70	110	130	100	47	110	33	32	51
Vinyl chloride	2	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
Other VOC Compounds									
1,1,1-Trichloroethane	200	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
1,1,2-Trichloroethane	5	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
1,1-Dichloroethane	400	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
1,1-Dichloroethene	7	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
1,2-Dichloroethane	5	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
1,2-Dichloropropane	5	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
2-Butanone (MEK)	200	10 U	100 U	50 U	10 U	50 U	20 U	10 U	10 U
2-Hexanone	NA	10 U	100 U	50 U	10 U	50 U	20 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	200	10 U	100 U	50 U	10 U	50 U	20 U	10 U	10 U
Acetone	400	10 U	100 U	50 U	10 U	50 U	20 U	10 U	10 U
Benzene	5	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
Bromoform	80	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
Bromomethane	NA	5 U	50 U	25 U	5 U	25 U	10 U	5 U	5 U
Carbon disulfide	400	2 U	20 U	10 U	2 U	10 U	4 U	2 U	2 U
Carbon tetrachloride	5	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
Chlorobenzene	100	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
Chlorodibromomethane	80	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
Chloroethane	NA	5 U	50 U	25 U	5 U	25 U	10 U	5 U	5 U
Chloroform	80	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
Chloromethane	NA	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
cis-1,3-Dichloropropene	NA	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
Dichlorobromomethane	80	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
Ethylbenzene	700	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
Methylene Chloride	3	5 U	50 U	25 U	5 U	25 U	10 U	5 U	5 U
Styrene	100	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
Toluene	1,000	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
trans-1,2-Dichloroethene	100	2	10 U	5 U	1	5 U	2 U	1.2	1 U
trans-1,3-Dichloropropene	NA	1 U	10 U	5 U	1 U	5 U	2 U	1 U	1 U
Xylenes, Total	10,000	1 U	10 U	10 U	1 U	5 U	4 U	1 U	1 U
Total VOCs		184	1010	1037	82	335	341	251.2	265

See Notes on Last Page

TABLE 2 - SUMMARY OF GROUNDWATER SAMPLING DATA (2014-2016)
BEDROCK MONITORING WELLS
TARA SHOPPING CENTER, 8564 TARA BOULEVARD, JONESBORO, GA

Sample ID	Type 1 Risk Reduction Standards	MW-19D			MW-20C		Trip Blank
Lithological Unit		Bedrock MW			Bedrock MW		Quality Control
Lab Sample Number		680-107535-7	680-114574-11	680-133511-9	680-114236-6	680-133511-4	680-133511-12
Sampling Date		11/19/2014 16:14:00	07/14/2015 16:09:00	12/19/2016 10:45:00	07/02/2015 15:57:00	12/19/2016 09:10:00	12/19/2016 15:00:00
Matrix		Water	Water	Water	Water	Water	Water
Dilution Factor		1	1	1	1	1	1
Units		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Volatiles - 8260B							
VOC Constituents of Concern							
Tetrachloroethene	5	94	12	190 H	53	100	1 U
Trichloroethene	5	7.1	1.2	31	5	31	1 U
cis-1,2-Dichloroethene	70	13	1.9	66	4.9	43	1 U
Vinyl chloride	2	1 U	1 U	1 U	1 U	1 U	1 U
Other VOC Compounds							
1,1,1-Trichloroethane	200	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.2	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	400	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	7	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	5	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	200	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	NA	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	200	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	400	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	80	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	NA	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	400	2 U	2 U	2 U	2 U	2 U	2 U
Carbon tetrachloride	5	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	100	1 U	1 U	1 U	1 U	1 U	1 U
Chlorodibromomethane	80	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	NA	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	80	11	1 U	1 U	1 U	1 U	1 U
Chloromethane	NA	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorobromomethane	80	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	700	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	3	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	100	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	1,000	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	100	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NA	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	10,000	2 U	1 U	1 U	1 U	1 U	1 U
Total VOCs		125.1	15.1	287	62.9	174	

See Notes on Last Page

TABLE 2 - SUMMARY OF GROUNDWATER SAMPLING DATA (2014-2016)
BEDROCK MONITORING WELLS
TARA SHOPPING CENTER, 8564 TARA BOULEVARD, JONESBORO, GA

NOTES:

µg/L	micrograms per liter
D	Diluted Value
H	Sample was prepped or analyzed beyond the specified holding time
U	Value not detected above the laboratory reporting limit.
Yellow	Exceedance of Type 1 Risk Reduction Standard for Groundwater.
GC/MS VOA - 8260	Gas Chromatography/Mass Spec Volatile Organic Analysis USEPA Method 8260B
NA	Not Available

TABLE 3 - SUMMARY OF SURFACE WATER SAMPLING DATA (2015-2016)
UNNAMED CREEK
TARA SHOPPING CENTER 8564 TARA BOULEVARD, JONESBORO, GA

HSI 10798

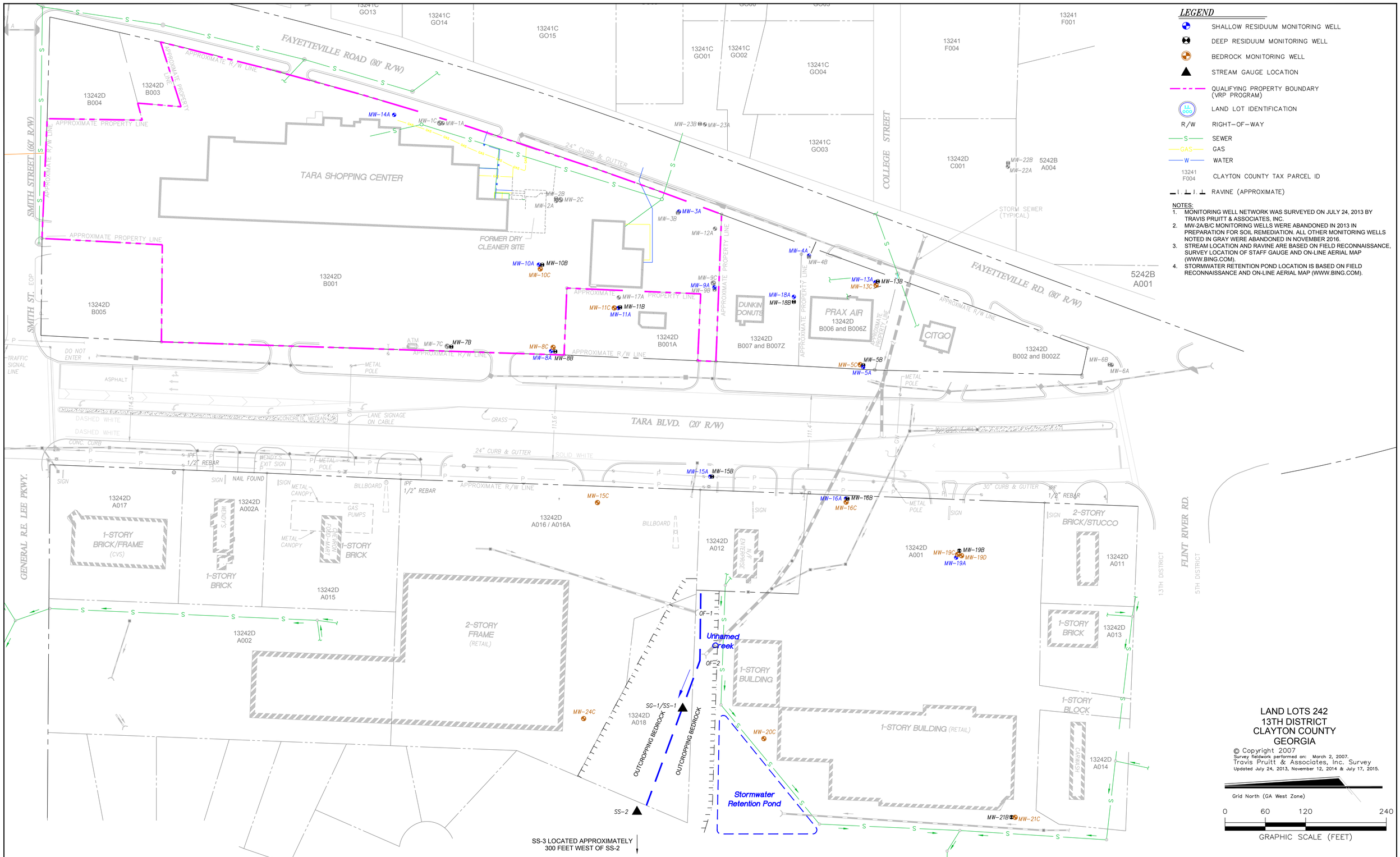
Sample ID	Georgia Water Quality Standards October 2015	Ecological Screening Values Region 4 Surface Water Screening Values for Hazardous Waste Sites 2015		OF-2		SS-1		SS-2		SS-3	Trip Blank
Lithological Unit				Stormwater Outfall		Stream Sample		Stream Sample		Stream Sample	Quality Control
Lab Sample Number				680-114593-2	680-133594-2	680-114593-3	680-133594-1	680-114593-4	680-133511-5	680-133511-10	680-133511-12
Sampling Date				07/16/2015 10:30:00	12/19/2016 09:30:00	07/16/2015 12:26:00	12/19/2016 09:25:00	07/16/2015 13:02:00	12/19/2016 09:20:00	12/19/2016 11:25:00	12/19/2016 15:00:00
Matrix				Water	Water	Water	Water	Water	Water	Water	Water
Dilution Factor				1	1	1	1	1	1	1	1
Units		Chronic	Acute	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Volatiles - 8260B											
VOC Constituents of Concern											
Tetrachloroethene	3.3	53	430	76	27	36	82	17	14	34	1 U
Trichloroethene	30	200	2,000	12	4.7	2.7	7.7	1 U	1.5	3.2	1 U
cis-1,2-Dichloroethene	1	620	5,500	5.9	3	2.3	9.6	1 U	1.4	3.7	1 U
Vinyl chloride	2.4	930	8,400	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Other VOC Compounds											
1,1,1-Trichloroethane	NA	76	690	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	4.0	200	910	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	NA	730	3,200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	NA	410	3,700	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	7,100	130	1,200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	37	2,000	8,200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	15	520	3,300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	NA	22,000	200,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	NA	99	1,800	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	NA	170	2,200	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	NA	1,700	15,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	51	160	700	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	140	230	1,100	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1,500	16	38	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	NA	15	130	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Carbon tetrachloride	1.6	77	690	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1,600	25	220	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorodibromomethane	13	320	2,900	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	470	140	1,300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	21	1.7	15	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorobromomethane	17	340	3,100	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	2100	61	550	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	590	1,500	8,500	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	NA	32	290	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5,980	62	560	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	10,000	558	10,046	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	21	1.7	15	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	NA	27	240	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total VOCs	NA	NA	NA	93.9	34.7	41	99.3	17	16.9	40.9	

NOTES:

µg/L	micrograms per liter
U	Value not detected above the laboratory reporting limit.
Yellow	Exceedance of Georgia Water Quality Standards for Surface Water
Underline	Exceedance of Chronic Ecological Screening Values Region 4 Surface Water Screening Values
GC/MS VOA - 8260B	Gas Chromatography/Mass Spec Volatile Organic Analysis USEPA Method 8260B
NA	Not Available

EHS Support consider it done

FIGURE



EHS Support consider it done

REVISIONS				
Rev.		By:	Disc.:	Date:
Rev.		By:	Disc.:	Date:
Rev.		By:	Disc.:	Date:
Rev.		By:	Disc.:	Date:

TARA HOLDINGS
8564 TARA BOULEVARD
JONESBORO, GEORGIA

FIGURE 1
MONITORING WELL NETWORK
HSI 10798

Drawn By:	MDO	Date Drawn:	01/2017
Reviewed By:	MSS	Date Reviewed:	01/2017
Scale:	1" = 60'	Plot Date:	01/2017
Project No.:	C00342	Figure 1	

APPENDIX A
Professional Services

Appendix A
Tabulated Summary of Professional Engineer and Geologist Time (Period June 1, 2016 through December 31, 2016)
Tara Shopping Center, 8564 Tara Boulevard, Jonesboro, GA
Voluntary Remediation Program (HSI 10798)

Professional Service	Date	Hours	Description
Professional Engineer			
Jonathan Waddell, PE	6/27/2016	0.5	Call with Stayrook, review of the Semi-Annual Progress Report
	6/30/2016	0.5	Signature of Progress Report
	8/24/2016	1	Call with Stayrook regarding CAP approval and future task.
	9/12/2016	1	Alterman planning.
	10/5/2016	1	Call with Stayrook regarding path forward.
	10/14/2016	0.5	Call with Stayrook.
	10/24/2016	0.25	Scheduling
	10/26/2016	1	Call with Dever and Stayrook regarding status of CAP activities and short term action items for FY17.
	11/3/2016	1	Invoicing and coordination.
	11/4/2016	4	Development of action items, call with Dever, coordination of field activities, calls with Eon Products and GeoLab. Edits to CAP.
	11/7/2016	2.5	Call with Gugliemotto and Smith regarding field activities, coordination and task, walls with Garcia and What-A-Day Care.
	11/9/2016	0.5	Coordination
	11/10/2016	4	Email coordination with field team, coordination of field activities. Edits to SVI Work Plan.
	11/11/2016	3	Call with GA EPD, call with Reid, email to Dever, review of HASP, coordination. Review and edits to SVI Work Plan.
	11/14/2016	3	Edits to VI Work Plan based on Reid's comments, submittal of Draft VI Work Plan to Ashland.
	11/15/2016	2	Review of field notes, planning, call with Stayrook regarding scope, coordination with field staff.
	11/16/2016	8.5	Review of M&M Plan, preparation for meeting with JBW Realty, mod to Alterman, calls with Stayrook and Conner, meeting with JBW Realty. Call with Gugliemotto, review of wells abandoned, meeting with field crew, field and lab coordination.
	11/17/2016	4	Upload of photos, coordination with field staff, call with Futch and follow up with Gugliemotto, evaluation of groundwater contours. Finalization of VI Work Plan. Edits to responses to comments, final edits, and submittal to Dever.
	11/18/2016	7	Sent email summarizing communications with GA EPA, meeting with Gugliemotto to discuss status, observed MW-23A/B abandonment, field work task. Review of VI Work Plan PDF and edits. Mobe to Jonesboro, invoicing of Eon Pro PDB, commute to Hampton In to pick up PDF for MW-15C, set PDB within MW-15C, mob home.
	11/21/2016	2.5	Various tasks. Finalization of VI Work Plan. Determination of location of SS-3.
	11/23/2016	0.5	Submittal of VI Work Plan to GA EPD.
	11/30/2016	1.5	Prep of semi-annual report. Evaluation of reserves against RFP cost.
	12/1/2016	0.5	Edits to the Semi-Annual Progress Report
	12/2/2016	0.5	Invoicing.
	12/4/2016	0.5	Communication with Stayrook regarding reserves.
	12/5/2016	2.5	Preparation for PDB sampling event, call with Spikes, invoicing, call with Dever.
	12/6/2016	2	Call with Futch, call with Reid, email to team, communications with Ashland, invoicing.
	12/7/2016	2	Email to Futch regarding report due date, coordination of abandonment logs. Coordination of SS-3 access, call with Spikes regarding Clayton County access, email to Ashland regarding SS-3.
	12/8/2016	0.5	Call with Futch regarding SS-3 and follow-up.
	12/9/2016	0.5	Communications with Dever regarding SS-3.
	12/13/2016	0.5	Draft email responses to Ashland.
	12/15/2016	0.5	Coordination, communications with Stayrook.
	12/19/2016	9.5	Mobe to site, kick-off PDB sampling oversight, meeting with GA EPD on-site, picked up supplies, drum pickup with Nexeo.

APPENDIX B
Low-Flow Purge and Sampling Logs

SITE DATA

Site Name: Ashland Alterman
Site Address: 8564 Tara Blvd, Jonesboro, GA
Date: November 14 2016
Weather: 60 °F
Sampled by: Danielle Gugliemotto

WELL DESCRIPTION

Well ID: MW- 22A
Well Condition: Good
Well Mount: flush
Casing Material: PVC
Comments: Screen 20-30 - pump placement 25'

Reference Point: Top of Casing (TOC)
Total Well Depth: 30'
Initial Depth to Water: 15.73
Casing diameter: 2"

.10

PURGE DATA

TIME	pH SU	Sp. Cond. mS/cm	Turb. NTU	DO mg/L	Temp °C	ORP mV	DTW	Volume/Comments
	+/- 0.1 SU	+/- 5%	<10	+/- 0.2 mg/L				USEPA Region 4
1500 - start purge							15.96	
1508	4.63	0.023	11.1	0.38	18.16	64.3	16.19	purge clear
1513	4.35	0.023	11.9	0.38	18.16	71.8	16.10	
1518	4.36	0.023	11.5	0.24	18.15	68.2	16.05	
1523	4.37	0.022	9.71	0.25	18.30	67.0	16.16	

Total Volume Purged: ~1.5 gallons
Flow Rate: ~120 mL/min
Disposal Method of Purged Water: containerized
Sampling Method: low flow
Time Sampled: 1530
Sample ID: MW- 22A
Analytical Parameters:
VOCs via 8260B

SITE DATA

Site Name: Ashland Alterman
Site Address: 8564 Tara Blvd, Jonesboro, GA
Date: November 14 2016
Weather: 65 °F
Sampled by: Danielle Gugliemotto

WELL DESCRIPTION

Well ID: MW-22B
Well Condition: Good
Well Mount: Flush
Casing Material: PVC
Comments: Screened 67-77' - pump intake @ 72'

Reference Point: Top of Casing (TOC)
Total Well Depth: 77
Initial Depth to Water: 15.47
Casing diameter: 2"

PURGE DATA

TIME	pH SU	Sp. Cond. mS/cm	Turb. NTU	DO mg/L	Temp °C	ORP mV	DTW	Volume/Comments
	+/- 0.1 SU	+/- 5%	<10	+/- 0.2 mg/L				USEPA Region 4
1535 - begin purge								
1540	5.44	0.198	38.1	4.34	17.60	88.7	15.60	purge clear
1545	5.63	0.226	~~1.79~~ 111	1.79	17.45	82.2	15.60	purge cloudy
1550	5.69	0.220	628	1.74	17.49	80.2	15.56	
1555	5.75	0.215	633	1.89	17.55	76.7	15.56	
1600	5.82	0.210	614	2.24	17.52	73.4	15.59	
1605	5.85	0.201	155	2.50	17.50	69.8	15.61	
1610	5.86	0.195	86	2.69	17.51	68.2	15.60	
1615	5.88	0.189	94	2.73	17.51	66.7	15.62	
1620	5.89	0.185	61.8	2.91	17.54	65.6	15.62	
1625	5.89	0.183	47.8	2.93	17.54	65.6	15.60	
1630	5.90	0.182	53.6	2.92	17.54	65.2	15.60	
1635	5.91	0.181	47.2	2.91	17.53	65.2	15.59	
1640	5.91	0.181	36.3	2.93	17.54	65.1	15.60	

Total Volume Purged: ~2 gallons
Flow Rate: ~120 mL/min
Disposal Method of Purged Water: Containerized
Sampling Method: low flow
Time Sampled: 1640
Sample ID: MW-22B
Analytical Parameters:
VOCs via 8260B - requested expedited 2-day TAT

SITE DATA

Site Name: Ashland Alterman
Site Address: 8564 Tara Blvd, Jonesboro, GA
Date: November 14 2016
Weather: 55 °F
Sampled by: Danielle Gugliemotto

WELL DESCRIPTION

Well ID: MW-23A
Well Condition: Good
Well Mount: Flush
Casing Material: PVC
Comments: Screened 10-20' - pump intake @ ~~15~~ 18.5 DG

Reference Point: Top of Casing (TOC)
Total Well Depth: 19.15
Initial Depth to Water: 18.27 @ 1100
Casing diameter: 2"

PURGE DATA

TIME	pH SU	Sp. Cond. mS/cm	Turb. NTU	DO mg/L	Temp °C	ORP mV	DTW	Volume/Comments
	+/- 0.1 SU	+/- 5%	<10	+/- 0.2 mg/L				USEPA Region 4
1253 - Start							18.15	
1306 - flow through cell			full				>18.28	top of pump
1308	4.98	0.173	111	3.08	18.34	86.7	>18.28	purge cloudy
1314	4.90	0.173	103.6	2.93	18.93	97.2	>18.28	
1318	4.89	0.172	83.8	2.75	19.22	96.8	>18.28	
1322	4.90	0.172	77.3	2.89	19.45	98.5	>18.28	drop pump to 18.7
1326	4.92	0.171	50.7	2.87	19.89	99.6	>18.28	
1330	4.90	0.170	45.5	2.71	20.13	102.0	>18.28	purge clear
1335	4.87	0.170	43.2	2.70	20.47	104.7	>18.28	drop pump to 18.9
1339	4.85	0.168	41.4	2.57	20.79	109.3	>18.28	
~~1345~~ DG								

Total Volume Purged: ~ 1 gallons
Flow Rate: ~80 mL/min
Disposal Method of Purged Water: Containerized
Sampling Method: low flow
Time Sampled: 1345
Sample ID: MW-23A
Analytical Parameters:
VOCs via 8260B - requested expedited, ~~1-week~~ 2-day TAT DG

SITE DATA

Site Name: Ashland Alterman
Site Address: 8564 Tara Blvd, Jonesboro, GA
Date: November 14 2016
Weather: 55 °F
Sampled by: Danielle Gugliemotto

WELL DESCRIPTION

Well ID: MW- 23B
Well Condition: Good
Well Mount: Flush
Casing Material: PVC
Comments: Screened 59.5-69.5' - pump intake @ 64.5

Reference Point: Top of Casing (TOC)
Total Well Depth: 69.5
Initial Depth to Water: 18.54 @ 11:5~~8~~ DG 05
Casing diameter: 2"

PURGE DATA

TIME	pH SU	Sp. Cond. mS/cm	Turb. NTU	DO mg/L	Temp °C	ORP mV	DTW	Volume/Comments
	+/- 0.1 SU	+/- 5%	<10	+/- 0.2 mg/L				USEPA Region 4
1145 start	-	-	-		-	-	18.74	
1150	5.96	0.186	98.6	3.92	17.17	122.9	18.72	purge cloudy
1155	5.75	0.186	90.6	3.74	17.21	115.2	18.71	
1200	5.77	0.186	73.3	3.65	17.31	107.0	18.65	
1205	5.82	0.186	73.5	3.55	17.41	97.3	18.62	
1210	5.85	0.186	60.4	3.75	17.49	91.1	18.66	
1215	5.88	0.186	46.7	3.87	17.55	86.5	18.68	purge clear
1220	5.90	0.186	44.1	3.76	17.56	82.9	18.66	
1225	5.91	0.186	28.2	3.70	17.52	81.2	18.60	
1230	5.91	0.186	24.4	3.57	17.56	79.0	18.57	
1235	5.92	0.187	22.8	3.54	17.64	78.5	18.60	
1240	5.93	0.186	24.2	3.66	17.60	75.3	18.62	

Total Volume Purged: 2 gallons
Flow Rate: ~140 mL/min
Disposal Method of Purged Water: containerized
Sampling Method: low flow
Time Sampled: 1245
Sample ID: MW- 23B
Analytical Parameters:
VOCs via 8260B - Requested expedited - 2 day ~~7 week~~ TAT
DG

YSI 556 MPS, LaMotte 2020 we, fleron oil water interface meter, monsoon pro 12V 55 gw pump w/ controller.

APPENDIX C
Laboratory Reports
J132112-1
J133511-1

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-132112-1
Client Project/Site: Ashland Alterman

For:
EHS Support, LLC
4694 Cemetary Rd, PMB 104
Hilliard, Ohio 43026

Attn: Ms. Michelle Stayrook

Kathryn Smith

Authorized for release by:
11/17/2016 9:14:37 AM
Kathryn Smith, Project Manager II
(912)354-7858
kathy.smith@testamericainc.com

Designee for

Jerry Lanier, Project Manager I
(912)354-7858 e.3410
jerry.lanier@testamericainc.com

Table of Contents

Job ID: 680-132112-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE
Client: EHS Support, LLC
Project: Ashland Alterman

Report Number: 680-132112-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 11/15/2016; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 2.0º C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples MW-23B (680-132112-1), MW-23A (680-132112-2), MW-22A (680-132112-3), MW-22B (680-132112-4) and Trip Blank (680-132112-5) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/16/2016.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-132112-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-132112-1	MW-23B	Water	11/14/16 12:45	11/15/16 09:20
680-132112-2	MW-23A	Water	11/14/16 13:45	11/15/16 09:20
680-132112-3	MW-22A	Water	11/14/16 15:30	11/15/16 09:20
680-132112-4	MW-22B	Water	11/14/16 16:40	11/15/16 09:20
680-132112-5	Trip Blank	Water	11/14/16 00:00	11/15/16 09:20

Method Summary

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-132112-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-132112-1

Client Sample ID: MW-23B — Lab Sample ID: 680-132112-1

No Detections.

Client Sample ID: MW-23A — Lab Sample ID: 680-132112-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	4.3		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: MW-22A — Lab Sample ID: 680-132112-3

No Detections.

Client Sample ID: MW-22B — Lab Sample ID: 680-132112-4

No Detections.

Client Sample ID: Trip Blank — Lab Sample ID: 680-132112-5

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-23B

Lab Sample ID: 680-132112-1

Date Collected: 11/14/16 12:45

Matrix: Water

Date Received: 11/15/16 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			11/16/16 14:56	1
Benzene	<1.0		1.0		ug/L			11/16/16 14:56	1
Bromoform	<1.0		1.0		ug/L			11/16/16 14:56	1
Bromomethane	<5.0		5.0		ug/L			11/16/16 14:56	1
2-Butanone (MEK)	<10		10		ug/L			11/16/16 14:56	1
Carbon disulfide	<2.0		2.0		ug/L			11/16/16 14:56	1
Carbon tetrachloride	<1.0		1.0		ug/L			11/16/16 14:56	1
Chlorobenzene	<1.0		1.0		ug/L			11/16/16 14:56	1
Chlorodibromomethane	<1.0		1.0		ug/L			11/16/16 14:56	1
Chloroethane	<5.0		5.0		ug/L			11/16/16 14:56	1
Chloroform	<1.0		1.0		ug/L			11/16/16 14:56	1
Chloromethane	<1.0		1.0		ug/L			11/16/16 14:56	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			11/16/16 14:56	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			11/16/16 14:56	1
Dichlorobromomethane	<1.0		1.0		ug/L			11/16/16 14:56	1
1,1-Dichloroethane	<1.0		1.0		ug/L			11/16/16 14:56	1
1,2-Dichloroethane	<1.0		1.0		ug/L			11/16/16 14:56	1
1,1-Dichloroethene	<1.0		1.0		ug/L			11/16/16 14:56	1
1,2-Dichloropropane	<1.0		1.0		ug/L			11/16/16 14:56	1
Ethylbenzene	<1.0		1.0		ug/L			11/16/16 14:56	1
2-Hexanone	<10		10		ug/L			11/16/16 14:56	1
Methylene Chloride	<5.0		5.0		ug/L			11/16/16 14:56	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			11/16/16 14:56	1
Styrene	<1.0		1.0		ug/L			11/16/16 14:56	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			11/16/16 14:56	1
Tetrachloroethene	<1.0		1.0		ug/L			11/16/16 14:56	1
Toluene	<1.0		1.0		ug/L			11/16/16 14:56	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			11/16/16 14:56	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			11/16/16 14:56	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			11/16/16 14:56	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			11/16/16 14:56	1
Trichloroethene	<1.0		1.0		ug/L			11/16/16 14:56	1
Vinyl chloride	<1.0		1.0		ug/L			11/16/16 14:56	1
Xylenes, Total	<1.0		1.0		ug/L			11/16/16 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/16/16 14:56*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 122*		*11/16/16 14:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*73 - 131*		*11/16/16 14:56*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/16/16 14:56*	*1*

Client Sample ID: MW-23A

Lab Sample ID: 680-132112-2

Date Collected: 11/14/16 13:45

Matrix: Water

Date Received: 11/15/16 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			11/16/16 15:19	1
Benzene	<1.0		1.0		ug/L			11/16/16 15:19	1
Bromoform	<1.0		1.0		ug/L			11/16/16 15:19	1

Client Sample ID: MW-23A
Date Collected: 11/14/16 13:45
Date Received: 11/15/16 09:20

Lab Sample ID: 680-132112-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	<5.0		5.0		ug/L			11/16/16 15:19	1
2-Butanone (MEK)	<10		10		ug/L			11/16/16 15:19	1
Carbon disulfide	<2.0		2.0		ug/L			11/16/16 15:19	1
Carbon tetrachloride	<1.0		1.0		ug/L			11/16/16 15:19	1
Chlorobenzene	<1.0		1.0		ug/L			11/16/16 15:19	1
Chlorodibromomethane	<1.0		1.0		ug/L			11/16/16 15:19	1
Chloroethane	<5.0		5.0		ug/L			11/16/16 15:19	1
Chloroform	<1.0		1.0		ug/L			11/16/16 15:19	1
Chloromethane	<1.0		1.0		ug/L			11/16/16 15:19	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			11/16/16 15:19	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			11/16/16 15:19	1
Dichlorobromomethane	<1.0		1.0		ug/L			11/16/16 15:19	1
1,1-Dichloroethane	<1.0		1.0		ug/L			11/16/16 15:19	1
1,2-Dichloroethane	<1.0		1.0		ug/L			11/16/16 15:19	1
1,1-Dichloroethene	<1.0		1.0		ug/L			11/16/16 15:19	1
1,2-Dichloropropane	<1.0		1.0		ug/L			11/16/16 15:19	1
Ethylbenzene	<1.0		1.0		ug/L			11/16/16 15:19	1
2-Hexanone	<10		10		ug/L			11/16/16 15:19	1
Methylene Chloride	<5.0		5.0		ug/L			11/16/16 15:19	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			11/16/16 15:19	1
Styrene	<1.0		1.0		ug/L			11/16/16 15:19	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			11/16/16 15:19	1
Tetrachloroethene	<1.0		1.0		ug/L			11/16/16 15:19	1
Toluene	<1.0		1.0		ug/L			11/16/16 15:19	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			11/16/16 15:19	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			11/16/16 15:19	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			11/16/16 15:19	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			11/16/16 15:19	1
Trichloroethene	**4.3**		1.0		ug/L			11/16/16 15:19	1
Vinyl chloride	<1.0		1.0		ug/L			11/16/16 15:19	1
Xylenes, Total	<1.0		1.0		ug/L			11/16/16 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/16/16 15:19*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 122*		*11/16/16 15:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*73 - 131*		*11/16/16 15:19*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/16/16 15:19*	*1*

Client Sample ID: MW-22A
Date Collected: 11/14/16 15:30
Date Received: 11/15/16 09:20

Lab Sample ID: 680-132112-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			11/16/16 15:42	1
Benzene	<1.0		1.0		ug/L			11/16/16 15:42	1
Bromoform	<1.0		1.0		ug/L			11/16/16 15:42	1
Bromomethane	<5.0		5.0		ug/L			11/16/16 15:42	1
2-Butanone (MEK)	<10		10		ug/L			11/16/16 15:42	1
Carbon disulfide	<2.0		2.0		ug/L			11/16/16 15:42	1

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-132112-1

Client Sample ID: MW-22A

Lab Sample ID: 680-132112-3

Date Collected: 11/14/16 15:30

Matrix: Water

Date Received: 11/15/16 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	<1.0		1.0		ug/L			11/16/16 15:42	1
Chlorobenzene	<1.0		1.0		ug/L			11/16/16 15:42	1
Chlorodibromomethane	<1.0		1.0		ug/L			11/16/16 15:42	1
Chloroethane	<5.0		5.0		ug/L			11/16/16 15:42	1
Chloroform	<1.0		1.0		ug/L			11/16/16 15:42	1
Chloromethane	<1.0		1.0		ug/L			11/16/16 15:42	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			11/16/16 15:42	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			11/16/16 15:42	1
Dichlorobromomethane	<1.0		1.0		ug/L			11/16/16 15:42	1
1,1-Dichloroethane	<1.0		1.0		ug/L			11/16/16 15:42	1
1,2-Dichloroethane	<1.0		1.0		ug/L			11/16/16 15:42	1
1,1-Dichloroethene	<1.0		1.0		ug/L			11/16/16 15:42	1
1,2-Dichloropropane	<1.0		1.0		ug/L			11/16/16 15:42	1
Ethylbenzene	<1.0		1.0		ug/L			11/16/16 15:42	1
2-Hexanone	<10		10		ug/L			11/16/16 15:42	1
Methylene Chloride	<5.0		5.0		ug/L			11/16/16 15:42	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			11/16/16 15:42	1
Styrene	<1.0		1.0		ug/L			11/16/16 15:42	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			11/16/16 15:42	1
Tetrachloroethene	<1.0		1.0		ug/L			11/16/16 15:42	1
Toluene	<1.0		1.0		ug/L			11/16/16 15:42	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			11/16/16 15:42	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			11/16/16 15:42	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			11/16/16 15:42	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			11/16/16 15:42	1
Trichloroethene	<1.0		1.0		ug/L			11/16/16 15:42	1
Vinyl chloride	<1.0		1.0		ug/L			11/16/16 15:42	1
Xylenes, Total	<1.0		1.0		ug/L			11/16/16 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*11/16/16 15:42*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 122*		*11/16/16 15:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*73 - 131*		*11/16/16 15:42*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/16/16 15:42*	*1*

Client Sample ID: MW-22B

Lab Sample ID: 680-132112-4

Date Collected: 11/14/16 16:40

Matrix: Water

Date Received: 11/15/16 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			11/16/16 16:05	1
Benzene	<1.0		1.0		ug/L			11/16/16 16:05	1
Bromoform	<1.0		1.0		ug/L			11/16/16 16:05	1
Bromomethane	<5.0		5.0		ug/L			11/16/16 16:05	1
2-Butanone (MEK)	<10		10		ug/L			11/16/16 16:05	1
Carbon disulfide	<2.0		2.0		ug/L			11/16/16 16:05	1
Carbon tetrachloride	<1.0		1.0		ug/L			11/16/16 16:05	1
Chlorobenzene	<1.0		1.0		ug/L			11/16/16 16:05	1
Chlorodibromomethane	<1.0		1.0		ug/L			11/16/16 16:05	1

Client Sample ID: MW-22B — **Lab Sample ID: 680-132112-4**
Date Collected: 11/14/16 16:40 — **Matrix: Water**
Date Received: 11/15/16 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	<5.0		5.0		ug/L			11/16/16 16:05	1
Chloroform	<1.0		1.0		ug/L			11/16/16 16:05	1
Chloromethane	<1.0		1.0		ug/L			11/16/16 16:05	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			11/16/16 16:05	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			11/16/16 16:05	1
Dichlorobromomethane	<1.0		1.0		ug/L			11/16/16 16:05	1
1,1-Dichloroethane	<1.0		1.0		ug/L			11/16/16 16:05	1
1,2-Dichloroethane	<1.0		1.0		ug/L			11/16/16 16:05	1
1,1-Dichloroethene	<1.0		1.0		ug/L			11/16/16 16:05	1
1,2-Dichloropropane	<1.0		1.0		ug/L			11/16/16 16:05	1
Ethylbenzene	<1.0		1.0		ug/L			11/16/16 16:05	1
2-Hexanone	<10		10		ug/L			11/16/16 16:05	1
Methylene Chloride	<5.0		5.0		ug/L			11/16/16 16:05	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			11/16/16 16:05	1
Styrene	<1.0		1.0		ug/L			11/16/16 16:05	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			11/16/16 16:05	1
Tetrachloroethene	<1.0		1.0		ug/L			11/16/16 16:05	1
Toluene	<1.0		1.0		ug/L			11/16/16 16:05	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			11/16/16 16:05	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			11/16/16 16:05	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			11/16/16 16:05	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			11/16/16 16:05	1
Trichloroethene	<1.0		1.0		ug/L			11/16/16 16:05	1
Vinyl chloride	<1.0		1.0		ug/L			11/16/16 16:05	1
Xylenes, Total	<1.0		1.0		ug/L			11/16/16 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*11/16/16 16:05*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 122*		*11/16/16 16:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*73 - 131*		*11/16/16 16:05*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/16/16 16:05*	*1*

Client Sample ID: Trip Blank — **Lab Sample ID: 680-132112-5**
Date Collected: 11/14/16 00:00 — **Matrix: Water**
Date Received: 11/15/16 09:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			11/16/16 09:56	1
Benzene	<1.0		1.0		ug/L			11/16/16 09:56	1
Bromoform	<1.0		1.0		ug/L			11/16/16 09:56	1
Bromomethane	<5.0		5.0		ug/L			11/16/16 09:56	1
2-Butanone (MEK)	<10		10		ug/L			11/16/16 09:56	1
Carbon disulfide	<2.0		2.0		ug/L			11/16/16 09:56	1
Carbon tetrachloride	<1.0		1.0		ug/L			11/16/16 09:56	1
Chlorobenzene	<1.0		1.0		ug/L			11/16/16 09:56	1
Chlorodibromomethane	<1.0		1.0		ug/L			11/16/16 09:56	1
Chloroethane	<5.0		5.0		ug/L			11/16/16 09:56	1
Chloroform	<1.0		1.0		ug/L			11/16/16 09:56	1
Chloromethane	<1.0		1.0		ug/L			11/16/16 09:56	1

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-132112-1

Client Sample ID: Trip Blank
Date Collected: 11/14/16 00:00
Date Received: 11/15/16 09:20

Lab Sample ID: 680-132112-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			11/16/16 09:56	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			11/16/16 09:56	1
Dichlorobromomethane	<1.0		1.0		ug/L			11/16/16 09:56	1
1,1-Dichloroethane	<1.0		1.0		ug/L			11/16/16 09:56	1
1,2-Dichloroethane	<1.0		1.0		ug/L			11/16/16 09:56	1
1,1-Dichloroethene	<1.0		1.0		ug/L			11/16/16 09:56	1
1,2-Dichloropropane	<1.0		1.0		ug/L			11/16/16 09:56	1
Ethylbenzene	<1.0		1.0		ug/L			11/16/16 09:56	1
2-Hexanone	<10		10		ug/L			11/16/16 09:56	1
Methylene Chloride	<5.0		5.0		ug/L			11/16/16 09:56	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			11/16/16 09:56	1
Styrene	<1.0		1.0		ug/L			11/16/16 09:56	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			11/16/16 09:56	1
Tetrachloroethene	<1.0		1.0		ug/L			11/16/16 09:56	1
Toluene	<1.0		1.0		ug/L			11/16/16 09:56	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			11/16/16 09:56	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			11/16/16 09:56	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			11/16/16 09:56	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			11/16/16 09:56	1
Trichloroethene	<1.0		1.0		ug/L			11/16/16 09:56	1
Vinyl chloride	<1.0		1.0		ug/L			11/16/16 09:56	1
Xylenes, Total	<1.0		1.0		ug/L			11/16/16 09:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/16/16 09:56*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 122*		*11/16/16 09:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*73 - 131*		*11/16/16 09:56*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/16/16 09:56*	*1*

Surrogate Summary

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-132112-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	12DCE	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-122)	(73-131)	(80-120)
680-132112-1	MW-23B	102	94	97	100
680-132112-2	MW-23A	102	95	97	99
680-132112-3	MW-22A	102	94	98	99
680-132112-4	MW-22B	103	95	98	99
680-132112-5	Trip Blank	101	93	94	100
LCS 680-457904/4	Lab Control Sample	102	95	99	101
LCSD 680-457904/5	Lab Control Sample Dup	101	96	98	100
MB 680-457904/9	Method Blank	101	93	95	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-457904/9
Matrix: Water
Analysis Batch: 457904

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			11/16/16 09:33	1
Benzene	<1.0		1.0		ug/L			11/16/16 09:33	1
Bromoform	<1.0		1.0		ug/L			11/16/16 09:33	1
Bromomethane	<5.0		5.0		ug/L			11/16/16 09:33	1
2-Butanone (MEK)	<10		10		ug/L			11/16/16 09:33	1
Carbon disulfide	<2.0		2.0		ug/L			11/16/16 09:33	1
Carbon tetrachloride	<1.0		1.0		ug/L			11/16/16 09:33	1
Chlorobenzene	<1.0		1.0		ug/L			11/16/16 09:33	1
Chlorodibromomethane	<1.0		1.0		ug/L			11/16/16 09:33	1
Chloroethane	<5.0		5.0		ug/L			11/16/16 09:33	1
Chloroform	<1.0		1.0		ug/L			11/16/16 09:33	1
Chloromethane	<1.0		1.0		ug/L			11/16/16 09:33	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			11/16/16 09:33	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			11/16/16 09:33	1
Dichlorobromomethane	<1.0		1.0		ug/L			11/16/16 09:33	1
1,1-Dichloroethane	<1.0		1.0		ug/L			11/16/16 09:33	1
1,2-Dichloroethane	<1.0		1.0		ug/L			11/16/16 09:33	1
1,1-Dichloroethene	<1.0		1.0		ug/L			11/16/16 09:33	1
1,2-Dichloropropane	<1.0		1.0		ug/L			11/16/16 09:33	1
Ethylbenzene	<1.0		1.0		ug/L			11/16/16 09:33	1
2-Hexanone	<10		10		ug/L			11/16/16 09:33	1
Methylene Chloride	<5.0		5.0		ug/L			11/16/16 09:33	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			11/16/16 09:33	1
Styrene	<1.0		1.0		ug/L			11/16/16 09:33	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			11/16/16 09:33	1
Tetrachloroethene	<1.0		1.0		ug/L			11/16/16 09:33	1
Toluene	<1.0		1.0		ug/L			11/16/16 09:33	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			11/16/16 09:33	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			11/16/16 09:33	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			11/16/16 09:33	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			11/16/16 09:33	1
Trichloroethene	<1.0		1.0		ug/L			11/16/16 09:33	1
Vinyl chloride	<1.0		1.0		ug/L			11/16/16 09:33	1
Xylenes, Total	<1.0		1.0		ug/L			11/16/16 09:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/16/16 09:33*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 122*		*11/16/16 09:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*73 - 131*		*11/16/16 09:33*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/16/16 09:33*	*1*

Lab Sample ID: LCS 680-457904/4
Matrix: Water
Analysis Batch: 457904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	210		ug/L		84	68 - 132
Benzene	50.0	51.5		ug/L		103	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-457904/4
Matrix: Water
Analysis Batch: 457904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	50.0	44.3		ug/L		89	52 - 122
Bromomethane	50.0	54.1		ug/L		108	43 - 146
2-Butanone (MEK)	250	219		ug/L		88	79 - 125
Carbon disulfide	50.0	54.7		ug/L		109	77 - 129
Carbon tetrachloride	50.0	51.6		ug/L		103	67 - 125
Chlorobenzene	50.0	49.7		ug/L		99	80 - 120
Chlorodibromomethane	50.0	47.2		ug/L		94	68 - 120
Chloroethane	50.0	59.6		ug/L		119	48 - 145
Chloroform	50.0	50.6		ug/L		101	80 - 120
Chloromethane	50.0	53.6		ug/L		107	76 - 149
cis-1,2-Dichloroethene	50.0	52.0		ug/L		104	80 - 120
cis-1,3-Dichloropropene	50.0	49.3		ug/L		99	80 - 129
Dichlorobromomethane	50.0	47.9		ug/L		96	80 - 120
1,1-Dichloroethane	50.0	51.2		ug/L		102	80 - 120
1,2-Dichloroethane	50.0	49.7		ug/L		99	72 - 128
1,1-Dichloroethene	50.0	51.5		ug/L		103	80 - 120
1,2-Dichloropropane	50.0	49.6		ug/L		99	80 - 120
Ethylbenzene	50.0	52.1		ug/L		104	80 - 120
2-Hexanone	250	233		ug/L		93	80 - 131
Methylene Chloride	50.0	51.5		ug/L		103	80 - 120
4-Methyl-2-pentanone (MIBK)	250	241		ug/L		96	80 - 134
Styrene	50.0	51.4		ug/L		103	80 - 126
1,1,2,2-Tetrachloroethane	50.0	46.4		ug/L		93	76 - 126
Tetrachloroethene	50.0	51.1		ug/L		102	71 - 123
Toluene	50.0	51.8		ug/L		104	80 - 120
trans-1,2-Dichloroethene	50.0	52.7		ug/L		105	80 - 120
trans-1,3-Dichloropropene	50.0	49.8		ug/L		100	80 - 128
1,1,1-Trichloroethane	50.0	50.8		ug/L		102	80 - 120
1,1,2-Trichloroethane	50.0	48.4		ug/L		97	80 - 120
Trichloroethene	50.0	49.1		ug/L		98	80 - 120
Vinyl chloride	50.0	56.2		ug/L		112	80 - 129
Xylenes, Total	100	104		ug/L		104	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*80 - 122*
1,2-Dichloroethane-d4 (Surr)	*99*		*73 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 680-457904/5
Matrix: Water
Analysis Batch: 457904

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	250	215		ug/L		86	68 - 132	2	30
Benzene	50.0	51.6		ug/L		103	80 - 120	0	20
Bromoform	50.0	45.0		ug/L		90	52 - 122	2	20
Bromomethane	50.0	50.8		ug/L		102	43 - 146	6	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-457904/5
Matrix: Water
Analysis Batch: 457904

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	250	217		ug/L		87	79 - 125	1	20
Carbon disulfide	50.0	55.0		ug/L		110	77 - 129	1	20
Carbon tetrachloride	50.0	52.9		ug/L		106	67 - 125	2	20
Chlorobenzene	50.0	49.7		ug/L		99	80 - 120	0	20
Chlorodibromomethane	50.0	47.1		ug/L		94	68 - 120	0	20
Chloroethane	50.0	59.8		ug/L		120	48 - 145	0	20
Chloroform	50.0	51.1		ug/L		102	80 - 120	1	20
Chloromethane	50.0	54.0		ug/L		108	76 - 149	1	30
cis-1,2-Dichloroethene	50.0	51.6		ug/L		103	80 - 120	1	20
cis-1,3-Dichloropropene	50.0	49.5		ug/L		99	80 - 129	0	20
Dichlorobromomethane	50.0	48.4		ug/L		97	80 - 120	1	20
1,1-Dichloroethane	50.0	51.8		ug/L		104	80 - 120	1	20
1,2-Dichloroethane	50.0	48.9		ug/L		98	72 - 128	2	50
1,1-Dichloroethene	50.0	51.5		ug/L		103	80 - 120	0	20
1,2-Dichloropropane	50.0	49.6		ug/L		99	80 - 120	0	20
Ethylbenzene	50.0	52.1		ug/L		104	80 - 120	0	20
2-Hexanone	250	230		ug/L		92	80 - 131	1	20
Methylene Chloride	50.0	52.2		ug/L		104	80 - 120	1	20
4-Methyl-2-pentanone (MIBK)	250	236		ug/L		94	80 - 134	2	20
Styrene	50.0	51.1		ug/L		102	80 - 126	1	20
1,1,2,2-Tetrachloroethane	50.0	46.5		ug/L		93	76 - 126	0	20
Tetrachloroethene	50.0	51.0		ug/L		102	71 - 123	0	20
Toluene	50.0	51.3		ug/L		103	80 - 120	1	20
trans-1,2-Dichloroethene	50.0	52.5		ug/L		105	80 - 120	0	20
trans-1,3-Dichloropropene	50.0	49.5		ug/L		99	80 - 128	1	30
1,1,1-Trichloroethane	50.0	51.1		ug/L		102	80 - 120	1	20
1,1,2-Trichloroethane	50.0	48.4		ug/L		97	80 - 120	0	20
Trichloroethene	50.0	49.4		ug/L		99	80 - 120	1	20
Vinyl chloride	50.0	57.5		ug/L		115	80 - 129	2	20
Xylenes, Total	100	104		ug/L		104	80 - 120	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 122*
1,2-Dichloroethane-d4 (Surr)	*98*		*73 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

QC Association Summary

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-132112-1

GC/MS VOA

Analysis Batch: 457904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-132112-1	MW-23B	Total/NA	Water	8260B	
680-132112-2	MW-23A	Total/NA	Water	8260B	
680-132112-3	MW-22A	Total/NA	Water	8260B	
680-132112-4	MW-22B	Total/NA	Water	8260B	
680-132112-5	Trip Blank	Total/NA	Water	8260B	
MB 680-457904/9	Method Blank	Total/NA	Water	8260B	
LCS 680-457904/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-457904/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Lab Chronicle

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-132112-1

Client Sample ID: MW-23B
Lab Sample ID: 680-132112-1
Date Collected: 11/14/16 12:45
Matrix: Water
Date Received: 11/15/16 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	457904	11/16/16 14:56	JD1	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-23A
Lab Sample ID: 680-132112-2
Date Collected: 11/14/16 13:45
Matrix: Water
Date Received: 11/15/16 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	457904	11/16/16 15:19	JD1	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-22A
Lab Sample ID: 680-132112-3
Date Collected: 11/14/16 15:30
Matrix: Water
Date Received: 11/15/16 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	457904	11/16/16 15:42	JD1	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: MW-22B
Lab Sample ID: 680-132112-4
Date Collected: 11/14/16 16:40
Matrix: Water
Date Received: 11/15/16 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	457904	11/16/16 16:05	JD1	TAL SAV
	Instrument ID: CMSO2									

Client Sample ID: Trip Blank
Lab Sample ID: 680-132112-5
Date Collected: 11/14/16 00:00
Matrix: Water
Date Received: 11/15/16 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	457904	11/16/16 09:56	JD1	TAL SAV
	Instrument ID: CMSO2									

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Serial Number 117662

681-Atlanta

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Ashland Alterman		GA
TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Jerry Lanier	C00342_2017	
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Jonathan Waddell	(470)9554972	
CLIENT NAME	CLIENT E-MAIL	
EHS Support	Jonathan.Waddell@ehs-support.com	
CLIENT ADDRESS		
6375 Tamarack Trail, Cumming, GA		
COMPANY CONTRACTING THIS WORK (if applicable)		

MATRIX TYPE (COMPOSITE (C) OR GRAB (G) INDICATE): AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (OIL, SOLVENT, ...)

REQUIRED ANALYSIS: HCL 8260B

PAGE 1 OF 1

STANDARD REPORT DELIVERY ○

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ●

* DATE DUE Thurs. 11/17

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

PRESERVATIVE

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
11/14/16	1245	MW-23B	X	3	RUSH 2 day TAT
11/14/16	1345	MW-23A	X	3	RUSH 2 day TAT
11/14/16	1530	MW-22A	X	3	RUSH 2 day TAT
11/14/16	1640	MW-22B	X	3	RUSH 2 day TAT
		Trip Blank	X	2	

680-132112 Chain of Custody

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
D Aug (Danielle Guglielmetto)	11/14/16	1830						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
	11-15-16	0920		680-	132112	1.8(CF) 2.0°c

TAL8240-680 (1008)

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11/17/2016

Login Sample Receipt Checklist

Client: EHS Support, LLC

Job Number: 680-132112-1

Login Number: 132112

List Source: TestAmerica Savannah

List Number: 1

Creator: Banda, Christy S

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-132112-1

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Georgia	State Program	4	803	06-30-17

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-133511-1
Client Project/Site: Ashland Alterman

For:
EHS Support, LLC
4694 Cemetary Rd, PMB 104
Hilliard, Ohio 43026

Attn: Ms. Michelle Stayrook

Authorized for release by:
1/5/2017 9:38:16 AM

Jerry Lanier, Project Manager I
(912)354-7858 e.3410
jerry.lanier@testamericainc.com

Table of Contents

Job ID: 680-133511-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: EHS Support, LLC

Project: Ashland Alterman

Report Number: 680-133511-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 12/20/2016 and 12/22/2016; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.0 and 1.4 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples MW-15C (680-133511-1), SS-1 (680-133594-1), MW-24C (680-133511-2), OF-2 (680-133594-2), MW-16C (680-133511-3), MW-20C (680-133511-4), SS-2 (680-133511-5), MW-19C (680-133511-8), MW-19D (680-133511-9), SS-3 (680-133511-10), MW-19B (680-133511-11) and Trip Blank (680-133511-12) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 01/03/2017 and 12/31/2016.

Reanalysis of the following sample was performed outside of the analytical holding time due to overdilution in the original run : MW-19B (680-133511-11).

Reanalysis of the following sample was performed outside of the analytical holding time due to an E value in the initial analysis : MW-19D (680-133511-9).

Chloromethane and Vinyl chloride failed the recovery criteria low for LCS 680-463939/4. For LCSD 680-463939/5, Chloromethane failed the recovery criteria low. Methylene Chloride failed the recovery criteria high. Also, Chloroethane exceeded the RPD limit. Refer to the QC report for details.

Refer to the QC report for details.

Samples MW-16C (680-133511-3)[10X], MW-19D (680-133511-9)[2X], MW-19B (680-133511-11)[2X] and MW-19B (680-133511-11)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-463878, 680-463881, 680-463936.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-133511-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-133511-1	MW-15C	Water	12/19/16 07:55	12/20/16 11:30
680-133511-2	MW-24C	Water	12/19/16 08:20	12/20/16 11:30
680-133511-3	MW-16C	Water	12/19/16 08:45	12/20/16 11:30
680-133511-4	MW-20C	Water	12/19/16 09:10	12/20/16 11:30
680-133511-5	SS-2	Water	12/19/16 09:20	12/20/16 11:30
680-133511-8	MW-19C	Water	12/19/16 10:35	12/20/16 11:30
680-133511-9	MW-19D	Water	12/19/16 10:45	12/20/16 11:30
680-133511-10	SS-3	Water	12/19/16 11:25	12/20/16 11:30
680-133511-11	MW-19B	Water	12/19/16 12:40	12/20/16 11:30
680-133511-12	Trip Blank	Water	12/19/16 15:00	12/20/16 11:30
680-133594-1	SS-1	Water	12/19/16 09:25	12/22/16 10:15
680-133594-2	OF-2	Water	12/19/16 09:30	12/22/16 10:15

Method Summary

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-133511-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
*	LCS or LCSD is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-133511-1

Client Sample ID: MW-15C — Lab Sample ID: 680-133511-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	5.9		1.0		ug/L	1		8260B	Total/NA
Tetrachloroethene	3.9		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: MW-24C — Lab Sample ID: 680-133511-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	11		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: MW-16C — Lab Sample ID: 680-133511-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	130		10		ug/L	10		8260B	Total/NA
Tetrachloroethene	800		10		ug/L	10		8260B	Total/NA
Trichloroethene	80		10		ug/L	10		8260B	Total/NA

Client Sample ID: MW-20C — Lab Sample ID: 680-133511-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	43		1.0		ug/L	1		8260B	Total/NA
Tetrachloroethene	100		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	31		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: SS-2 — Lab Sample ID: 680-133511-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.4		1.0		ug/L	1		8260B	Total/NA
Tetrachloroethene	14		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	1.5		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: MW-19C — Lab Sample ID: 680-133511-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	51		1.0		ug/L	1		8260B	Total/NA
Tetrachloroethene	190		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	24		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: MW-19D — Lab Sample ID: 680-133511-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	66		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	31		1.0		ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	190	H	2.0		ug/L	2		8260B	Total/NA

Client Sample ID: SS-3 — Lab Sample ID: 680-133511-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.7		1.0		ug/L	1		8260B	Total/NA
Tetrachloroethene	34		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	3.2		1.0		ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-133511-1

Client Sample ID: MW-19B — Lab Sample ID: 680-133511-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	110		5.0		ug/L	5		8260B	Total/NA
Tetrachloroethene	180		5.0		ug/L	5		8260B	Total/NA
Trichloroethene	45		5.0		ug/L	5		8260B	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 680-133511-12

No Detections.

Client Sample ID: SS-1 — Lab Sample ID: 680-133594-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	9.6		1.0		ug/L	1		8260B	Total/NA
Tetrachloroethene	82		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	7.7		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: OF-2 — Lab Sample ID: 680-133594-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.0		1.0		ug/L	1		8260B	Total/NA
Tetrachloroethene	27		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	4.7		1.0		ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-15C

Lab Sample ID: 680-133511-1

Date Collected: 12/19/16 07:55

Matrix: Water

Date Received: 12/20/16 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			12/31/16 15:31	1
Benzene	<1.0		1.0		ug/L			12/31/16 15:31	1
Bromoform	<1.0		1.0		ug/L			12/31/16 15:31	1
Bromomethane	<5.0		5.0		ug/L			12/31/16 15:31	1
2-Butanone (MEK)	<10		10		ug/L			12/31/16 15:31	1
Carbon disulfide	<2.0		2.0		ug/L			12/31/16 15:31	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/31/16 15:31	1
Chlorobenzene	<1.0		1.0		ug/L			12/31/16 15:31	1
Chlorodibromomethane	<1.0		1.0		ug/L			12/31/16 15:31	1
Chloroethane	<5.0		5.0		ug/L			12/31/16 15:31	1
Chloroform	**5.9**		1.0		ug/L			12/31/16 15:31	1
Chloromethane	<1.0		1.0		ug/L			12/31/16 15:31	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 15:31	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 15:31	1
Dichlorobromomethane	<1.0		1.0		ug/L			12/31/16 15:31	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/31/16 15:31	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/31/16 15:31	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/31/16 15:31	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/31/16 15:31	1
Ethylbenzene	<1.0		1.0		ug/L			12/31/16 15:31	1
2-Hexanone	<10		10		ug/L			12/31/16 15:31	1
Methylene Chloride	<5.0		5.0		ug/L			12/31/16 15:31	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/31/16 15:31	1
Styrene	<1.0		1.0		ug/L			12/31/16 15:31	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/31/16 15:31	1
Tetrachloroethene	**3.9**		1.0		ug/L			12/31/16 15:31	1
Toluene	<1.0		1.0		ug/L			12/31/16 15:31	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 15:31	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 15:31	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/31/16 15:31	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/31/16 15:31	1
Trichloroethene	<1.0		1.0		ug/L			12/31/16 15:31	1
Vinyl chloride	<1.0		1.0		ug/L			12/31/16 15:31	1
Xylenes, Total	<1.0		1.0		ug/L			12/31/16 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*12/31/16 15:31*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 122*		*12/31/16 15:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*73 - 131*		*12/31/16 15:31*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/31/16 15:31*	*1*

Client Sample ID: MW-24C

Lab Sample ID: 680-133511-2

Date Collected: 12/19/16 08:20

Matrix: Water

Date Received: 12/20/16 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			12/31/16 15:51	1
Benzene	<1.0		1.0		ug/L			12/31/16 15:51	1
Bromoform	<1.0		1.0		ug/L			12/31/16 15:51	1

Client Sample ID: MW-24C
Date Collected: 12/19/16 08:20
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	<5.0		5.0		ug/L			12/31/16 15:51	1
2-Butanone (MEK)	<10		10		ug/L			12/31/16 15:51	1
Carbon disulfide	<2.0		2.0		ug/L			12/31/16 15:51	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/31/16 15:51	1
Chlorobenzene	<1.0		1.0		ug/L			12/31/16 15:51	1
Chlorodibromomethane	<1.0		1.0		ug/L			12/31/16 15:51	1
Chloroethane	<5.0		5.0		ug/L			12/31/16 15:51	1
Chloroform	<1.0		1.0		ug/L			12/31/16 15:51	1
Chloromethane	<1.0		1.0		ug/L			12/31/16 15:51	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 15:51	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 15:51	1
Dichlorobromomethane	<1.0		1.0		ug/L			12/31/16 15:51	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/31/16 15:51	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/31/16 15:51	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/31/16 15:51	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/31/16 15:51	1
Ethylbenzene	<1.0		1.0		ug/L			12/31/16 15:51	1
2-Hexanone	<10		10		ug/L			12/31/16 15:51	1
Methylene Chloride	<5.0		5.0		ug/L			12/31/16 15:51	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/31/16 15:51	1
Styrene	<1.0		1.0		ug/L			12/31/16 15:51	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/31/16 15:51	1
Tetrachloroethene	**11**		1.0		ug/L			12/31/16 15:51	1
Toluene	<1.0		1.0		ug/L			12/31/16 15:51	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 15:51	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 15:51	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/31/16 15:51	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/31/16 15:51	1
Trichloroethene	<1.0		1.0		ug/L			12/31/16 15:51	1
Vinyl chloride	<1.0		1.0		ug/L			12/31/16 15:51	1
Xylenes, Total	<1.0		1.0		ug/L			12/31/16 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*12/31/16 15:51*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 122*		*12/31/16 15:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*73 - 131*		*12/31/16 15:51*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/31/16 15:51*	*1*

Client Sample ID: MW-16C
Date Collected: 12/19/16 08:45
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<100		100		ug/L			12/31/16 16:12	10
Benzene	<10		10		ug/L			12/31/16 16:12	10
Bromoform	<10		10		ug/L			12/31/16 16:12	10
Bromomethane	<50		50		ug/L			12/31/16 16:12	10
2-Butanone (MEK)	<100		100		ug/L			12/31/16 16:12	10
Carbon disulfide	<20		20		ug/L			12/31/16 16:12	10

Client Sample ID: MW-16C

Lab Sample ID: 680-133511-3

Date Collected: 12/19/16 08:45

Matrix: Water

Date Received: 12/20/16 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	<10		10		ug/L			12/31/16 16:12	10
Chlorobenzene	<10		10		ug/L			12/31/16 16:12	10
Chlorodibromomethane	<10		10		ug/L			12/31/16 16:12	10
Chloroethane	<50		50		ug/L			12/31/16 16:12	10
Chloroform	<10		10		ug/L			12/31/16 16:12	10
Chloromethane	<10		10		ug/L			12/31/16 16:12	10
cis-1,2-Dichloroethene	**130**		10		ug/L			12/31/16 16:12	10
cis-1,3-Dichloropropene	<10		10		ug/L			12/31/16 16:12	10
Dichlorobromomethane	<10		10		ug/L			12/31/16 16:12	10
1,1-Dichloroethane	<10		10		ug/L			12/31/16 16:12	10
1,2-Dichloroethane	<10		10		ug/L			12/31/16 16:12	10
1,1-Dichloroethene	<10		10		ug/L			12/31/16 16:12	10
1,2-Dichloropropane	<10		10		ug/L			12/31/16 16:12	10
Ethylbenzene	<10		10		ug/L			12/31/16 16:12	10
2-Hexanone	<100		100		ug/L			12/31/16 16:12	10
Methylene Chloride	<50		50		ug/L			12/31/16 16:12	10
4-Methyl-2-pentanone (MIBK)	<100		100		ug/L			12/31/16 16:12	10
Styrene	<10		10		ug/L			12/31/16 16:12	10
1,1,2,2-Tetrachloroethane	<10		10		ug/L			12/31/16 16:12	10
Tetrachloroethene	**800**		10		ug/L			12/31/16 16:12	10
Toluene	<10		10		ug/L			12/31/16 16:12	10
trans-1,2-Dichloroethene	<10		10		ug/L			12/31/16 16:12	10
trans-1,3-Dichloropropene	<10		10		ug/L			12/31/16 16:12	10
1,1,1-Trichloroethane	<10		10		ug/L			12/31/16 16:12	10
1,1,2-Trichloroethane	<10		10		ug/L			12/31/16 16:12	10
Trichloroethene	**80**		10		ug/L			12/31/16 16:12	10
Vinyl chloride	<10		10		ug/L			12/31/16 16:12	10
Xylenes, Total	<10		10		ug/L			12/31/16 16:12	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*12/31/16 16:12*	*10*
Dibromofluoromethane (Surr)	*103*		*80 - 122*		*12/31/16 16:12*	*10*
1,2-Dichloroethane-d4 (Surr)	*109*		*73 - 131*		*12/31/16 16:12*	*10*
Toluene-d8 (Surr)	*97*		*80 - 120*		*12/31/16 16:12*	*10*

Client Sample ID: MW-20C

Lab Sample ID: 680-133511-4

Date Collected: 12/19/16 09:10

Matrix: Water

Date Received: 12/20/16 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			12/31/16 16:32	1
Benzene	<1.0		1.0		ug/L			12/31/16 16:32	1
Bromoform	<1.0		1.0		ug/L			12/31/16 16:32	1
Bromomethane	<5.0		5.0		ug/L			12/31/16 16:32	1
2-Butanone (MEK)	<10		10		ug/L			12/31/16 16:32	1
Carbon disulfide	<2.0		2.0		ug/L			12/31/16 16:32	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/31/16 16:32	1
Chlorobenzene	<1.0		1.0		ug/L			12/31/16 16:32	1
Chlorodibromomethane	<1.0		1.0		ug/L			12/31/16 16:32	1

Client Sample ID: MW-20C

Date Collected: 12/19/16 09:10
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	<5.0		5.0		ug/L			12/31/16 16:32	1
Chloroform	<1.0		1.0		ug/L			12/31/16 16:32	1
Chloromethane	<1.0		1.0		ug/L			12/31/16 16:32	1
cis-1,2-Dichloroethene	**43**		1.0		ug/L			12/31/16 16:32	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 16:32	1
Dichlorobromomethane	<1.0		1.0		ug/L			12/31/16 16:32	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/31/16 16:32	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/31/16 16:32	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/31/16 16:32	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/31/16 16:32	1
Ethylbenzene	<1.0		1.0		ug/L			12/31/16 16:32	1
2-Hexanone	<10		10		ug/L			12/31/16 16:32	1
Methylene Chloride	<5.0		5.0		ug/L			12/31/16 16:32	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/31/16 16:32	1
Styrene	<1.0		1.0		ug/L			12/31/16 16:32	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/31/16 16:32	1
Tetrachloroethene	**100**		1.0		ug/L			12/31/16 16:32	1
Toluene	<1.0		1.0		ug/L			12/31/16 16:32	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 16:32	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 16:32	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/31/16 16:32	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/31/16 16:32	1
Trichloroethene	**31**		1.0		ug/L			12/31/16 16:32	1
Vinyl chloride	<1.0		1.0		ug/L			12/31/16 16:32	1
Xylenes, Total	<1.0		1.0		ug/L			12/31/16 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*12/31/16 16:32*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 122*		*12/31/16 16:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*73 - 131*		*12/31/16 16:32*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/31/16 16:32*	*1*

Client Sample ID: SS-2

Date Collected: 12/19/16 09:20
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			12/31/16 16:52	1
Benzene	<1.0		1.0		ug/L			12/31/16 16:52	1
Bromoform	<1.0		1.0		ug/L			12/31/16 16:52	1
Bromomethane	<5.0		5.0		ug/L			12/31/16 16:52	1
2-Butanone (MEK)	<10		10		ug/L			12/31/16 16:52	1
Carbon disulfide	<2.0		2.0		ug/L			12/31/16 16:52	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/31/16 16:52	1
Chlorobenzene	<1.0		1.0		ug/L			12/31/16 16:52	1
Chlorodibromomethane	<1.0		1.0		ug/L			12/31/16 16:52	1
Chloroethane	<5.0		5.0		ug/L			12/31/16 16:52	1
Chloroform	<1.0		1.0		ug/L			12/31/16 16:52	1
Chloromethane	<1.0		1.0		ug/L			12/31/16 16:52	1

Client Sample ID: SS-2

Lab Sample ID: 680-133511-5

Date Collected: 12/19/16 09:20

Matrix: Water

Date Received: 12/20/16 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**1.4**		1.0		ug/L			12/31/16 16:52	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 16:52	1
Dichlorobromomethane	<1.0		1.0		ug/L			12/31/16 16:52	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/31/16 16:52	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/31/16 16:52	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/31/16 16:52	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/31/16 16:52	1
Ethylbenzene	<1.0		1.0		ug/L			12/31/16 16:52	1
2-Hexanone	<10		10		ug/L			12/31/16 16:52	1
Methylene Chloride	<5.0		5.0		ug/L			12/31/16 16:52	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/31/16 16:52	1
Styrene	<1.0		1.0		ug/L			12/31/16 16:52	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/31/16 16:52	1
Tetrachloroethene	**14**		1.0		ug/L			12/31/16 16:52	1
Toluene	<1.0		1.0		ug/L			12/31/16 16:52	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 16:52	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 16:52	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/31/16 16:52	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/31/16 16:52	1
Trichloroethene	**1.5**		1.0		ug/L			12/31/16 16:52	1
Vinyl chloride	<1.0		1.0		ug/L			12/31/16 16:52	1
Xylenes, Total	<1.0		1.0		ug/L			12/31/16 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*12/31/16 16:52*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 122*		*12/31/16 16:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*73 - 131*		*12/31/16 16:52*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/31/16 16:52*	*1*

Client Sample ID: MW-19C

Lab Sample ID: 680-133511-8

Date Collected: 12/19/16 10:35

Matrix: Water

Date Received: 12/20/16 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			12/31/16 17:13	1
Benzene	<1.0		1.0		ug/L			12/31/16 17:13	1
Bromoform	<1.0		1.0		ug/L			12/31/16 17:13	1
Bromomethane	<5.0		5.0		ug/L			12/31/16 17:13	1
2-Butanone (MEK)	<10		10		ug/L			12/31/16 17:13	1
Carbon disulfide	<2.0		2.0		ug/L			12/31/16 17:13	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/31/16 17:13	1
Chlorobenzene	<1.0		1.0		ug/L			12/31/16 17:13	1
Chlorodibromomethane	<1.0		1.0		ug/L			12/31/16 17:13	1
Chloroethane	<5.0		5.0		ug/L			12/31/16 17:13	1
Chloroform	<1.0		1.0		ug/L			12/31/16 17:13	1
Chloromethane	<1.0		1.0		ug/L			12/31/16 17:13	1
cis-1,2-Dichloroethene	**51**		1.0		ug/L			12/31/16 17:13	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 17:13	1
Dichlorobromomethane	<1.0		1.0		ug/L			12/31/16 17:13	1

Client Sample ID: MW-19C

Date Collected: 12/19/16 10:35
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<1.0		1.0		ug/L			12/31/16 17:13	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/31/16 17:13	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/31/16 17:13	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/31/16 17:13	1
Ethylbenzene	<1.0		1.0		ug/L			12/31/16 17:13	1
2-Hexanone	<10		10		ug/L			12/31/16 17:13	1
Methylene Chloride	<5.0		5.0		ug/L			12/31/16 17:13	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/31/16 17:13	1
Styrene	<1.0		1.0		ug/L			12/31/16 17:13	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/31/16 17:13	1
Tetrachloroethene	**190**		1.0		ug/L			12/31/16 17:13	1
Toluene	<1.0		1.0		ug/L			12/31/16 17:13	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 17:13	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 17:13	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/31/16 17:13	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/31/16 17:13	1
Trichloroethene	**24**		1.0		ug/L			12/31/16 17:13	1
Vinyl chloride	<1.0		1.0		ug/L			12/31/16 17:13	1
Xylenes, Total	<1.0		1.0		ug/L			12/31/16 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*12/31/16 17:13*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 122*		*12/31/16 17:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*73 - 131*		*12/31/16 17:13*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/31/16 17:13*	*1*

Client Sample ID: MW-19D

Date Collected: 12/19/16 10:45
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			12/31/16 17:33	1
Benzene	<1.0		1.0		ug/L			12/31/16 17:33	1
Bromoform	<1.0		1.0		ug/L			12/31/16 17:33	1
Bromomethane	<5.0		5.0		ug/L			12/31/16 17:33	1
2-Butanone (MEK)	<10		10		ug/L			12/31/16 17:33	1
Carbon disulfide	<2.0		2.0		ug/L			12/31/16 17:33	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/31/16 17:33	1
Chlorobenzene	<1.0		1.0		ug/L			12/31/16 17:33	1
Chlorodibromomethane	<1.0		1.0		ug/L			12/31/16 17:33	1
Chloroethane	<5.0		5.0		ug/L			12/31/16 17:33	1
Chloroform	<1.0		1.0		ug/L			12/31/16 17:33	1
Chloromethane	<1.0		1.0		ug/L			12/31/16 17:33	1
cis-1,2-Dichloroethene	**66**		1.0		ug/L			12/31/16 17:33	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 17:33	1
Dichlorobromomethane	<1.0		1.0		ug/L			12/31/16 17:33	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/31/16 17:33	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/31/16 17:33	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/31/16 17:33	1

Client Sample ID: MW-19D

Date Collected: 12/19/16 10:45
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-9

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	<1.0		1.0		ug/L			12/31/16 17:33	1
Ethylbenzene	<1.0		1.0		ug/L			12/31/16 17:33	1
2-Hexanone	<10		10		ug/L			12/31/16 17:33	1
Methylene Chloride	<5.0		5.0		ug/L			12/31/16 17:33	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/31/16 17:33	1
Styrene	<1.0		1.0		ug/L			12/31/16 17:33	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/31/16 17:33	1
Toluene	<1.0		1.0		ug/L			12/31/16 17:33	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 17:33	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 17:33	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/31/16 17:33	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/31/16 17:33	1
Trichloroethene	**31**		1.0		ug/L			12/31/16 17:33	1
Vinyl chloride	<1.0		1.0		ug/L			12/31/16 17:33	1
Xylenes, Total	<1.0		1.0		ug/L			12/31/16 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*12/31/16 17:33*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 122*		*12/31/16 17:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*73 - 131*		*12/31/16 17:33*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/31/16 17:33*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**190**	**H**	2.0		ug/L			01/03/17 15:02	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*01/03/17 15:02*	*2*
Dibromofluoromethane (Surr)	*100*		*80 - 122*		*01/03/17 15:02*	*2*
1,2-Dichloroethane-d4 (Surr)	*102*		*73 - 131*		*01/03/17 15:02*	*2*
Toluene-d8 (Surr)	*98*		*80 - 120*		*01/03/17 15:02*	*2*

Client Sample ID: SS-3

Date Collected: 12/19/16 11:25
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-10

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			12/31/16 17:54	1
Benzene	<1.0		1.0		ug/L			12/31/16 17:54	1
Bromoform	<1.0		1.0		ug/L			12/31/16 17:54	1
Bromomethane	<5.0		5.0		ug/L			12/31/16 17:54	1
2-Butanone (MEK)	<10		10		ug/L			12/31/16 17:54	1
Carbon disulfide	<2.0		2.0		ug/L			12/31/16 17:54	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/31/16 17:54	1
Chlorobenzene	<1.0		1.0		ug/L			12/31/16 17:54	1
Chlorodibromomethane	<1.0		1.0		ug/L			12/31/16 17:54	1
Chloroethane	<5.0		5.0		ug/L			12/31/16 17:54	1
Chloroform	<1.0		1.0		ug/L			12/31/16 17:54	1
Chloromethane	<1.0		1.0		ug/L			12/31/16 17:54	1

Client Sample ID: SS-3

Lab Sample ID: 680-133511-10

Date Collected: 12/19/16 11:25

Matrix: Water

Date Received: 12/20/16 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**3.7**		1.0		ug/L			12/31/16 17:54	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 17:54	1
Dichlorobromomethane	<1.0		1.0		ug/L			12/31/16 17:54	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/31/16 17:54	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/31/16 17:54	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/31/16 17:54	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/31/16 17:54	1
Ethylbenzene	<1.0		1.0		ug/L			12/31/16 17:54	1
2-Hexanone	<10		10		ug/L			12/31/16 17:54	1
Methylene Chloride	<5.0		5.0		ug/L			12/31/16 17:54	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/31/16 17:54	1
Styrene	<1.0		1.0		ug/L			12/31/16 17:54	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/31/16 17:54	1
Tetrachloroethene	**34**		1.0		ug/L			12/31/16 17:54	1
Toluene	<1.0		1.0		ug/L			12/31/16 17:54	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 17:54	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 17:54	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/31/16 17:54	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/31/16 17:54	1
Trichloroethene	**3.2**		1.0		ug/L			12/31/16 17:54	1
Vinyl chloride	<1.0		1.0		ug/L			12/31/16 17:54	1
Xylenes, Total	<1.0		1.0		ug/L			12/31/16 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*12/31/16 17:54*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 122*		*12/31/16 17:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*73 - 131*		*12/31/16 17:54*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/31/16 17:54*	*1*

Client Sample ID: MW-19B

Lab Sample ID: 680-133511-11

Date Collected: 12/19/16 12:40

Matrix: Water

Date Received: 12/20/16 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<50		50		ug/L			12/31/16 18:14	5
Benzene	<5.0		5.0		ug/L			12/31/16 18:14	5
Bromoform	<5.0		5.0		ug/L			12/31/16 18:14	5
Bromomethane	<25		25		ug/L			12/31/16 18:14	5
2-Butanone (MEK)	<50		50		ug/L			12/31/16 18:14	5
Carbon disulfide	<10		10		ug/L			12/31/16 18:14	5
Carbon tetrachloride	<5.0		5.0		ug/L			12/31/16 18:14	5
Chlorobenzene	<5.0		5.0		ug/L			12/31/16 18:14	5
Chlorodibromomethane	<5.0		5.0		ug/L			12/31/16 18:14	5
Chloroethane	<25		25		ug/L			12/31/16 18:14	5
Chloroform	<5.0		5.0		ug/L			12/31/16 18:14	5
Chloromethane	<5.0		5.0		ug/L			12/31/16 18:14	5
cis-1,2-Dichloroethene	**110**		5.0		ug/L			12/31/16 18:14	5
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			12/31/16 18:14	5
Dichlorobromomethane	<5.0		5.0		ug/L			12/31/16 18:14	5

Client Sample ID: MW-19B

Lab Sample ID: 680-133511-11

Date Collected: 12/19/16 12:40

Matrix: Water

Date Received: 12/20/16 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<5.0		5.0		ug/L			12/31/16 18:14	5
1,2-Dichloroethane	<5.0		5.0		ug/L			12/31/16 18:14	5
1,1-Dichloroethene	<5.0		5.0		ug/L			12/31/16 18:14	5
1,2-Dichloropropane	<5.0		5.0		ug/L			12/31/16 18:14	5
Ethylbenzene	<5.0		5.0		ug/L			12/31/16 18:14	5
2-Hexanone	<50		50		ug/L			12/31/16 18:14	5
Methylene Chloride	<25		25		ug/L			12/31/16 18:14	5
4-Methyl-2-pentanone (MIBK)	<50		50		ug/L			12/31/16 18:14	5
Styrene	<5.0		5.0		ug/L			12/31/16 18:14	5
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/L			12/31/16 18:14	5
Tetrachloroethene	**180**		5.0		ug/L			12/31/16 18:14	5
Toluene	<5.0		5.0		ug/L			12/31/16 18:14	5
trans-1,2-Dichloroethene	<5.0		5.0		ug/L			12/31/16 18:14	5
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			12/31/16 18:14	5
1,1,1-Trichloroethane	<5.0		5.0		ug/L			12/31/16 18:14	5
1,1,2-Trichloroethane	<5.0		5.0		ug/L			12/31/16 18:14	5
Trichloroethene	**45**		5.0		ug/L			12/31/16 18:14	5
Vinyl chloride	<5.0		5.0		ug/L			12/31/16 18:14	5
Xylenes, Total	<5.0		5.0		ug/L			12/31/16 18:14	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*12/31/16 18:14*	*5*
Dibromofluoromethane (Surr)	*104*		*80 - 122*		*12/31/16 18:14*	*5*
1,2-Dichloroethane-d4 (Surr)	*110*		*73 - 131*		*12/31/16 18:14*	*5*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/31/16 18:14*	*5*

Client Sample ID: Trip Blank

Lab Sample ID: 680-133511-12

Date Collected: 12/19/16 15:00

Matrix: Water

Date Received: 12/20/16 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			12/31/16 11:46	1
Benzene	<1.0		1.0		ug/L			12/31/16 11:46	1
Bromoform	<1.0		1.0		ug/L			12/31/16 11:46	1
Bromomethane	<5.0		5.0		ug/L			12/31/16 11:46	1
2-Butanone (MEK)	<10		10		ug/L			12/31/16 11:46	1
Carbon disulfide	<2.0		2.0		ug/L			12/31/16 11:46	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/31/16 11:46	1
Chlorobenzene	<1.0		1.0		ug/L			12/31/16 11:46	1
Chlorodibromomethane	<1.0		1.0		ug/L			12/31/16 11:46	1
Chloroethane	<5.0		5.0		ug/L			12/31/16 11:46	1
Chloroform	<1.0		1.0		ug/L			12/31/16 11:46	1
Chloromethane	<1.0		1.0		ug/L			12/31/16 11:46	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 11:46	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 11:46	1
Dichlorobromomethane	<1.0		1.0		ug/L			12/31/16 11:46	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/31/16 11:46	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/31/16 11:46	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/31/16 11:46	1

Client Sample ID: Trip Blank

Lab Sample ID: 680-133511-12

Date Collected: 12/19/16 15:00

Matrix: Water

Date Received: 12/20/16 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	<1.0		1.0		ug/L			12/31/16 11:46	1
Ethylbenzene	<1.0		1.0		ug/L			12/31/16 11:46	1
2-Hexanone	<10		10		ug/L			12/31/16 11:46	1
Methylene Chloride	<5.0		5.0		ug/L			12/31/16 11:46	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/31/16 11:46	1
Styrene	<1.0		1.0		ug/L			12/31/16 11:46	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/31/16 11:46	1
Tetrachloroethene	<1.0		1.0		ug/L			12/31/16 11:46	1
Toluene	<1.0		1.0		ug/L			12/31/16 11:46	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 11:46	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 11:46	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/31/16 11:46	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/31/16 11:46	1
Trichloroethene	<1.0		1.0		ug/L			12/31/16 11:46	1
Vinyl chloride	<1.0		1.0		ug/L			12/31/16 11:46	1
Xylenes, Total	<1.0		1.0		ug/L			12/31/16 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*12/31/16 11:46*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 122*		*12/31/16 11:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 131*		*12/31/16 11:46*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/31/16 11:46*	*1*

Client Sample ID: SS-1

Lab Sample ID: 680-133594-1

Date Collected: 12/19/16 09:25

Matrix: Water

Date Received: 12/22/16 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			12/31/16 18:35	1
Benzene	<1.0		1.0		ug/L			12/31/16 18:35	1
Bromoform	<1.0		1.0		ug/L			12/31/16 18:35	1
Bromomethane	<5.0		5.0		ug/L			12/31/16 18:35	1
2-Butanone (MEK)	<10		10		ug/L			12/31/16 18:35	1
Carbon disulfide	<2.0		2.0		ug/L			12/31/16 18:35	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/31/16 18:35	1
Chlorobenzene	<1.0		1.0		ug/L			12/31/16 18:35	1
Chlorodibromomethane	<1.0		1.0		ug/L			12/31/16 18:35	1
Chloroethane	<5.0		5.0		ug/L			12/31/16 18:35	1
Chloroform	<1.0		1.0		ug/L			12/31/16 18:35	1
Chloromethane	<1.0		1.0		ug/L			12/31/16 18:35	1
cis-1,2-Dichloroethene	**9.6**		1.0		ug/L			12/31/16 18:35	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 18:35	1
Dichlorobromomethane	<1.0		1.0		ug/L			12/31/16 18:35	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/31/16 18:35	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/31/16 18:35	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/31/16 18:35	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/31/16 18:35	1
Ethylbenzene	<1.0		1.0		ug/L			12/31/16 18:35	1
2-Hexanone	<10		10		ug/L			12/31/16 18:35	1

Client Sample ID: SS-1

Lab Sample ID: 680-133594-1

Date Collected: 12/19/16 09:25

Matrix: Water

Date Received: 12/22/16 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<5.0		5.0		ug/L			12/31/16 18:35	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/31/16 18:35	1
Styrene	<1.0		1.0		ug/L			12/31/16 18:35	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/31/16 18:35	1
Tetrachloroethene	**82**		1.0		ug/L			12/31/16 18:35	1
Toluene	<1.0		1.0		ug/L			12/31/16 18:35	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 18:35	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 18:35	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/31/16 18:35	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/31/16 18:35	1
Trichloroethene	**7.7**		1.0		ug/L			12/31/16 18:35	1
Vinyl chloride	<1.0		1.0		ug/L			12/31/16 18:35	1
Xylenes, Total	<1.0		1.0		ug/L			12/31/16 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*12/31/16 18:35*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 122*		*12/31/16 18:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*73 - 131*		*12/31/16 18:35*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/31/16 18:35*	*1*

Client Sample ID: OF-2

Lab Sample ID: 680-133594-2

Date Collected: 12/19/16 09:30

Matrix: Water

Date Received: 12/22/16 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			12/31/16 16:58	1
Benzene	<1.0		1.0		ug/L			12/31/16 16:58	1
Bromoform	<1.0		1.0		ug/L			12/31/16 16:58	1
Bromomethane	<5.0		5.0		ug/L			12/31/16 16:58	1
2-Butanone (MEK)	<10		10		ug/L			12/31/16 16:58	1
Carbon disulfide	<2.0		2.0		ug/L			12/31/16 16:58	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/31/16 16:58	1
Chlorobenzene	<1.0		1.0		ug/L			12/31/16 16:58	1
Chlorodibromomethane	<1.0		1.0		ug/L			12/31/16 16:58	1
Chloroethane	<5.0		5.0		ug/L			12/31/16 16:58	1
Chloroform	<1.0		1.0		ug/L			12/31/16 16:58	1
Chloromethane	<1.0		1.0		ug/L			12/31/16 16:58	1
cis-1,2-Dichloroethene	**3.0**		1.0		ug/L			12/31/16 16:58	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 16:58	1
Dichlorobromomethane	<1.0		1.0		ug/L			12/31/16 16:58	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/31/16 16:58	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/31/16 16:58	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/31/16 16:58	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/31/16 16:58	1
Ethylbenzene	<1.0		1.0		ug/L			12/31/16 16:58	1
2-Hexanone	<10		10		ug/L			12/31/16 16:58	1
Methylene Chloride	<5.0		5.0		ug/L			12/31/16 16:58	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/31/16 16:58	1
Styrene	<1.0		1.0		ug/L			12/31/16 16:58	1

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-133511-1

Client Sample ID: OF-2
Date Collected: 12/19/16 09:30
Date Received: 12/22/16 10:15

Lab Sample ID: 680-133594-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/31/16 16:58	1
Tetrachloroethene	**27**		1.0		ug/L			12/31/16 16:58	1
Toluene	<1.0		1.0		ug/L			12/31/16 16:58	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 16:58	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 16:58	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/31/16 16:58	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/31/16 16:58	1
Trichloroethene	**4.7**		1.0		ug/L			12/31/16 16:58	1
Vinyl chloride	<1.0		1.0		ug/L			12/31/16 16:58	1
Xylenes, Total	<1.0		1.0		ug/L			12/31/16 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*12/31/16 16:58*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 122*		*12/31/16 16:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*73 - 131*		*12/31/16 16:58*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*12/31/16 16:58*	*1*

Surrogate Summary

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-133511-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	12DCE	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-122)	(73-131)	(80-120)
680-133511-1	MW-15C	101	105	110	99
680-133511-2	MW-24C	104	104	110	99
680-133511-3	MW-16C	107	103	109	97
680-133511-4	MW-20C	106	105	109	99
680-133511-5	SS-2	106	106	112	99
680-133511-8	MW-19C	107	103	109	98
680-133511-9	MW-19D	107	105	109	98
680-133511-9 - DL	MW-19D	99	100	102	98
680-133511-10	SS-3	109	107	112	98
680-133511-11	MW-19B	107	104	110	98
680-133511-12	Trip Blank	109	102	107	100
680-133594-1	SS-1	106	105	112	98
680-133594-2	OF-2	95	100	92	103
LCS 680-463878/4	Lab Control Sample	98	101	91	102
LCS 680-463881/4	Lab Control Sample	98	105	114	95
LCS 680-463939/4	Lab Control Sample	93	99	105	87
LCSD 680-463878/6	Lab Control Sample Dup	99	100	90	102
LCSD 680-463881/5	Lab Control Sample Dup	97	101	104	99
LCSD 680-463939/5	Lab Control Sample Dup	98	106	110	92
MB 680-463878/9	Method Blank	95	105	99	103
MB 680-463881/10	Method Blank	106	102	107	98
MB 680-463939/9	Method Blank	102	100	101	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-463878/9
Matrix: Water
Analysis Batch: 463878

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			12/31/16 11:08	1
Benzene	<1.0		1.0		ug/L			12/31/16 11:08	1
Bromoform	<1.0		1.0		ug/L			12/31/16 11:08	1
Bromomethane	<5.0		5.0		ug/L			12/31/16 11:08	1
2-Butanone (MEK)	<10		10		ug/L			12/31/16 11:08	1
Carbon disulfide	<2.0		2.0		ug/L			12/31/16 11:08	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/31/16 11:08	1
Chlorobenzene	<1.0		1.0		ug/L			12/31/16 11:08	1
Chlorodibromomethane	<1.0		1.0		ug/L			12/31/16 11:08	1
Chloroethane	<5.0		5.0		ug/L			12/31/16 11:08	1
Chloroform	<1.0		1.0		ug/L			12/31/16 11:08	1
Chloromethane	<1.0		1.0		ug/L			12/31/16 11:08	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 11:08	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 11:08	1
Dichlorobromomethane	<1.0		1.0		ug/L			12/31/16 11:08	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/31/16 11:08	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/31/16 11:08	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/31/16 11:08	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/31/16 11:08	1
Ethylbenzene	<1.0		1.0		ug/L			12/31/16 11:08	1
2-Hexanone	<10		10		ug/L			12/31/16 11:08	1
Methylene Chloride	<5.0		5.0		ug/L			12/31/16 11:08	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/31/16 11:08	1
Styrene	<1.0		1.0		ug/L			12/31/16 11:08	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/31/16 11:08	1
Tetrachloroethene	<1.0		1.0		ug/L			12/31/16 11:08	1
Toluene	<1.0		1.0		ug/L			12/31/16 11:08	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 11:08	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 11:08	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/31/16 11:08	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/31/16 11:08	1
Trichloroethene	<1.0		1.0		ug/L			12/31/16 11:08	1
Vinyl chloride	<1.0		1.0		ug/L			12/31/16 11:08	1
Xylenes, Total	<1.0		1.0		ug/L			12/31/16 11:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*12/31/16 11:08*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 122*		*12/31/16 11:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*73 - 131*		*12/31/16 11:08*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*12/31/16 11:08*	*1*

Lab Sample ID: LCS 680-463878/4
Matrix: Water
Analysis Batch: 463878

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acetone			250	223		ug/L		89	68 - 132		
Benzene			50.0	50.4		ug/L		101	80 - 120		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-463878/4
Matrix: Water
Analysis Batch: 463878

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	50.0	49.9		ug/L		100	52 - 122
Bromomethane	50.0	68.8		ug/L		138	43 - 146
2-Butanone (MEK)	250	200		ug/L		80	79 - 125
Carbon disulfide	50.0	50.1		ug/L		100	77 - 129
Carbon tetrachloride	50.0	52.4		ug/L		105	67 - 125
Chlorobenzene	50.0	53.4		ug/L		107	80 - 120
Chlorodibromomethane	50.0	55.4		ug/L		111	68 - 120
Chloroethane	50.0	57.4		ug/L		115	48 - 145
Chloroform	50.0	46.9		ug/L		94	80 - 120
Chloromethane	50.0	49.5		ug/L		99	76 - 149
cis-1,2-Dichloroethene	50.0	48.2		ug/L		96	80 - 120
cis-1,3-Dichloropropene	50.0	55.1		ug/L		110	80 - 129
Dichlorobromomethane	50.0	51.8		ug/L		104	80 - 120
1,1-Dichloroethane	50.0	50.2		ug/L		100	80 - 120
1,2-Dichloroethane	50.0	45.6		ug/L		91	72 - 128
1,1-Dichloroethene	50.0	50.9		ug/L		102	80 - 120
1,2-Dichloropropane	50.0	50.9		ug/L		102	80 - 120
Ethylbenzene	50.0	53.1		ug/L		106	80 - 120
2-Hexanone	250	205		ug/L		82	80 - 131
Methylene Chloride	50.0	51.0		ug/L		102	80 - 120
4-Methyl-2-pentanone (MIBK)	250	214		ug/L		86	80 - 134
Styrene	50.0	53.9		ug/L		108	80 - 126
1,1,2,2-Tetrachloroethane	50.0	51.1		ug/L		102	76 - 126
Tetrachloroethene	50.0	51.3		ug/L		103	71 - 123
Toluene	50.0	50.8		ug/L		102	80 - 120
trans-1,2-Dichloroethene	50.0	45.9		ug/L		92	80 - 120
trans-1,3-Dichloropropene	50.0	53.5		ug/L		107	80 - 128
1,1,1-Trichloroethane	50.0	51.3		ug/L		103	80 - 120
1,1,2-Trichloroethane	50.0	49.8		ug/L		100	80 - 120
Trichloroethene	50.0	52.8		ug/L		106	80 - 120
Vinyl chloride	50.0	49.4		ug/L		99	80 - 129
Xylenes, Total	100	107		ug/L		107	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 122*
1,2-Dichloroethane-d4 (Surr)	*91*		*73 - 131*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 680-463878/6
Matrix: Water
Analysis Batch: 463878

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	250	232		ug/L		93	68 - 132	4	30
Benzene	50.0	50.0		ug/L		100	80 - 120	1	20
Bromoform	50.0	49.7		ug/L		99	52 - 122	0	20
Bromomethane	50.0	70.6		ug/L		141	43 - 146	3	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-463878/6
Matrix: Water
Analysis Batch: 463878

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)			250	199		ug/L		80	79 - 125	1	20
Carbon disulfide			50.0	48.9		ug/L		98	77 - 129	2	20
Carbon tetrachloride			50.0	50.7		ug/L		101	67 - 125	3	20
Chlorobenzene			50.0	52.9		ug/L		106	80 - 120	1	20
Chlorodibromomethane			50.0	55.7		ug/L		111	68 - 120	1	20
Chloroethane			50.0	57.0		ug/L		114	48 - 145	1	20
Chloroform			50.0	46.0		ug/L		92	80 - 120	2	20
Chloromethane			50.0	48.6		ug/L		97	76 - 149	2	30
cis-1,2-Dichloroethene			50.0	47.9		ug/L		96	80 - 120	1	20
cis-1,3-Dichloropropene			50.0	54.9		ug/L		110	80 - 129	0	20
Dichlorobromomethane			50.0	51.9		ug/L		104	80 - 120	0	20
1,1-Dichloroethane			50.0	49.3		ug/L		99	80 - 120	2	20
1,2-Dichloroethane			50.0	45.3		ug/L		91	72 - 128	1	50
1,1-Dichloroethene			50.0	49.3		ug/L		99	80 - 120	3	20
1,2-Dichloropropane			50.0	51.9		ug/L		104	80 - 120	2	20
Ethylbenzene			50.0	52.0		ug/L		104	80 - 120	2	20
2-Hexanone			250	218		ug/L		87	80 - 131	6	20
Methylene Chloride			50.0	52.0		ug/L		104	80 - 120	2	20
4-Methyl-2-pentanone (MIBK)			250	228		ug/L		91	80 - 134	6	20
Styrene			50.0	53.5		ug/L		107	80 - 126	1	20
1,1,2,2-Tetrachloroethane			50.0	50.3		ug/L		101	76 - 126	2	20
Tetrachloroethene			50.0	50.2		ug/L		100	71 - 123	2	20
Toluene			50.0	50.8		ug/L		102	80 - 120	0	20
trans-1,2-Dichloroethene			50.0	43.9		ug/L		88	80 - 120	4	20
trans-1,3-Dichloropropene			50.0	54.3		ug/L		109	80 - 128	2	30
1,1,1-Trichloroethane			50.0	49.9		ug/L		100	80 - 120	3	20
1,1,2-Trichloroethane			50.0	51.5		ug/L		103	80 - 120	3	20
Trichloroethene			50.0	52.0		ug/L		104	80 - 120	1	20
Vinyl chloride			50.0	48.7		ug/L		97	80 - 129	1	20
Xylenes, Total			100	104		ug/L		104	80 - 120	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 122*
1,2-Dichloroethane-d4 (Surr)	*90*		*73 - 131*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 680-463881/10
Matrix: Water
Analysis Batch: 463881

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			12/31/16 11:26	1
Benzene	<1.0		1.0		ug/L			12/31/16 11:26	1
Bromoform	<1.0		1.0		ug/L			12/31/16 11:26	1
Bromomethane	<5.0		5.0		ug/L			12/31/16 11:26	1
2-Butanone (MEK)	<10		10		ug/L			12/31/16 11:26	1
Carbon disulfide	<2.0		2.0		ug/L			12/31/16 11:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-463881/10
Matrix: Water
Analysis Batch: 463881

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	<1.0		1.0		ug/L			12/31/16 11:26	1
Chlorobenzene	<1.0		1.0		ug/L			12/31/16 11:26	1
Chlorodibromomethane	<1.0		1.0		ug/L			12/31/16 11:26	1
Chloroethane	<5.0		5.0		ug/L			12/31/16 11:26	1
Chloroform	<1.0		1.0		ug/L			12/31/16 11:26	1
Chloromethane	<1.0		1.0		ug/L			12/31/16 11:26	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 11:26	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 11:26	1
Dichlorobromomethane	<1.0		1.0		ug/L			12/31/16 11:26	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/31/16 11:26	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/31/16 11:26	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/31/16 11:26	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/31/16 11:26	1
Ethylbenzene	<1.0		1.0		ug/L			12/31/16 11:26	1
2-Hexanone	<10		10		ug/L			12/31/16 11:26	1
Methylene Chloride	<5.0		5.0		ug/L			12/31/16 11:26	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			12/31/16 11:26	1
Styrene	<1.0		1.0		ug/L			12/31/16 11:26	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/31/16 11:26	1
Tetrachloroethene	<1.0		1.0		ug/L			12/31/16 11:26	1
Toluene	<1.0		1.0		ug/L			12/31/16 11:26	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			12/31/16 11:26	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/31/16 11:26	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			12/31/16 11:26	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/31/16 11:26	1
Trichloroethene	<1.0		1.0		ug/L			12/31/16 11:26	1
Vinyl chloride	<1.0		1.0		ug/L			12/31/16 11:26	1
Xylenes, Total	<1.0		1.0		ug/L			12/31/16 11:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*12/31/16 11:26*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 122*		*12/31/16 11:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 131*		*12/31/16 11:26*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/31/16 11:26*	*1*

Lab Sample ID: LCS 680-463881/4
Matrix: Water
Analysis Batch: 463881

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	248		ug/L		99	68 - 132
Benzene	50.0	51.0		ug/L		102	80 - 120
Bromoform	50.0	54.3		ug/L		109	52 - 122
Bromomethane	50.0	56.4		ug/L		113	43 - 146
2-Butanone (MEK)	250	259		ug/L		104	79 - 125
Carbon disulfide	50.0	47.4		ug/L		95	77 - 129
Carbon tetrachloride	50.0	49.7		ug/L		99	67 - 125
Chlorobenzene	50.0	46.5		ug/L		93	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-463881/4
Matrix: Water
Analysis Batch: 463881

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorodibromomethane	50.0	56.6		ug/L		113	68 - 120
Chloroethane	50.0	51.2		ug/L		102	48 - 145
Chloroform	50.0	53.1		ug/L		106	80 - 120
Chloromethane	50.0	44.8		ug/L		90	76 - 149
cis-1,2-Dichloroethene	50.0	53.4		ug/L		107	80 - 120
cis-1,3-Dichloropropene	50.0	55.7		ug/L		111	80 - 129
Dichlorobromomethane	50.0	57.1		ug/L		114	80 - 120
1,1-Dichloroethane	50.0	53.2		ug/L		106	80 - 120
1,2-Dichloroethane	50.0	58.1		ug/L		116	72 - 128
1,1-Dichloroethene	50.0	47.0		ug/L		94	80 - 120
1,2-Dichloropropane	50.0	53.5		ug/L		107	80 - 120
Ethylbenzene	50.0	48.2		ug/L		96	80 - 120
2-Hexanone	250	295		ug/L		118	80 - 131
Methylene Chloride	50.0	51.5		ug/L		103	80 - 120
4-Methyl-2-pentanone (MIBK)	250	287		ug/L		115	80 - 134
Styrene	50.0	51.4		ug/L		103	80 - 126
1,1,2,2-Tetrachloroethane	50.0	53.4		ug/L		107	76 - 126
Tetrachloroethene	50.0	44.7		ug/L		89	71 - 123
Toluene	50.0	50.2		ug/L		100	80 - 120
trans-1,2-Dichloroethene	50.0	49.3		ug/L		99	80 - 120
trans-1,3-Dichloropropene	50.0	57.5		ug/L		115	80 - 128
1,1,1-Trichloroethane	50.0	51.0		ug/L		102	80 - 120
1,1,2-Trichloroethane	50.0	54.5		ug/L		109	80 - 120
Trichloroethene	50.0	47.2		ug/L		94	80 - 120
Vinyl chloride	50.0	44.3		ug/L		89	80 - 129
Xylenes, Total	100	98.8		ug/L		99	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*105*		*80 - 122*
1,2-Dichloroethane-d4 (Surr)	*114*		*73 - 131*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: LCSD 680-463881/5
Matrix: Water
Analysis Batch: 463881

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	250	222		ug/L		89	68 - 132	11	30
Benzene	50.0	50.3		ug/L		101	80 - 120	1	20
Bromoform	50.0	51.6		ug/L		103	52 - 122	5	20
Bromomethane	50.0	57.7		ug/L		115	43 - 146	2	20
2-Butanone (MEK)	250	229		ug/L		92	79 - 125	12	20
Carbon disulfide	50.0	51.0		ug/L		102	77 - 129	7	20
Carbon tetrachloride	50.0	52.8		ug/L		106	67 - 125	6	20
Chlorobenzene	50.0	47.4		ug/L		95	80 - 120	2	20
Chlorodibromomethane	50.0	52.6		ug/L		105	68 - 120	7	20
Chloroethane	50.0	53.3		ug/L		107	48 - 145	4	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-463881/5
Matrix: Water
Analysis Batch: 463881

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroform			50.0	51.1		ug/L		102	80 - 120	4	20
Chloromethane			50.0	46.2		ug/L		92	76 - 149	3	30
cis-1,2-Dichloroethene			50.0	51.8		ug/L		104	80 - 120	3	20
cis-1,3-Dichloropropene			50.0	52.8		ug/L		106	80 - 129	5	20
Dichlorobromomethane			50.0	53.5		ug/L		107	80 - 120	7	20
1,1-Dichloroethane			50.0	52.6		ug/L		105	80 - 120	1	20
1,2-Dichloroethane			50.0	54.0		ug/L		108	72 - 128	7	50
1,1-Dichloroethene			50.0	49.7		ug/L		99	80 - 120	5	20
1,2-Dichloropropane			50.0	51.5		ug/L		103	80 - 120	4	20
Ethylbenzene			50.0	50.6		ug/L		101	80 - 120	5	20
2-Hexanone			250	261		ug/L		105	80 - 131	12	20
Methylene Chloride			50.0	48.8		ug/L		98	80 - 120	5	20
4-Methyl-2-pentanone (MIBK)			250	253		ug/L		101	80 - 134	13	20
Styrene			50.0	52.5		ug/L		105	80 - 126	2	20
1,1,2,2-Tetrachloroethane			50.0	49.6		ug/L		99	76 - 126	7	20
Tetrachloroethene			50.0	47.2		ug/L		94	71 - 123	5	20
Toluene			50.0	49.0		ug/L		98	80 - 120	3	20
trans-1,2-Dichloroethene			50.0	50.5		ug/L		101	80 - 120	2	20
trans-1,3-Dichloropropene			50.0	52.5		ug/L		105	80 - 128	9	30
1,1,1-Trichloroethane			50.0	53.7		ug/L		107	80 - 120	5	20
1,1,2-Trichloroethane			50.0	49.2		ug/L		98	80 - 120	10	20
Trichloroethene			50.0	48.4		ug/L		97	80 - 120	3	20
Vinyl chloride			50.0	49.3		ug/L		99	80 - 129	11	20
Xylenes, Total			100	103		ug/L		103	80 - 120	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 122*
1,2-Dichloroethane-d4 (Surr)	*104*		*73 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 680-463939/9
Matrix: Water
Analysis Batch: 463939

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10		ug/L			01/03/17 09:20	1
Benzene	<1.0		1.0		ug/L			01/03/17 09:20	1
Bromoform	<1.0		1.0		ug/L			01/03/17 09:20	1
Bromomethane	<5.0		5.0		ug/L			01/03/17 09:20	1
2-Butanone (MEK)	<10		10		ug/L			01/03/17 09:20	1
Carbon disulfide	<2.0		2.0		ug/L			01/03/17 09:20	1
Carbon tetrachloride	<1.0		1.0		ug/L			01/03/17 09:20	1
Chlorobenzene	<1.0		1.0		ug/L			01/03/17 09:20	1
Chlorodibromomethane	<1.0		1.0		ug/L			01/03/17 09:20	1
Chloroethane	<5.0		5.0		ug/L			01/03/17 09:20	1
Chloroform	<1.0		1.0		ug/L			01/03/17 09:20	1
Chloromethane	<1.0		1.0		ug/L			01/03/17 09:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-463939/9
Matrix: Water
Analysis Batch: 463939

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			01/03/17 09:20	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			01/03/17 09:20	1
Dichlorobromomethane	<1.0		1.0		ug/L			01/03/17 09:20	1
1,1-Dichloroethane	<1.0		1.0		ug/L			01/03/17 09:20	1
1,2-Dichloroethane	<1.0		1.0		ug/L			01/03/17 09:20	1
1,1-Dichloroethene	<1.0		1.0		ug/L			01/03/17 09:20	1
1,2-Dichloropropane	<1.0		1.0		ug/L			01/03/17 09:20	1
Ethylbenzene	<1.0		1.0		ug/L			01/03/17 09:20	1
2-Hexanone	<10		10		ug/L			01/03/17 09:20	1
Methylene Chloride	<5.0		5.0		ug/L			01/03/17 09:20	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			01/03/17 09:20	1
Styrene	<1.0		1.0		ug/L			01/03/17 09:20	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			01/03/17 09:20	1
Tetrachloroethene	<1.0		1.0		ug/L			01/03/17 09:20	1
Toluene	<1.0		1.0		ug/L			01/03/17 09:20	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			01/03/17 09:20	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			01/03/17 09:20	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			01/03/17 09:20	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			01/03/17 09:20	1
Trichloroethene	<1.0		1.0		ug/L			01/03/17 09:20	1
Vinyl chloride	<1.0		1.0		ug/L			01/03/17 09:20	1
Xylenes, Total	<1.0		1.0		ug/L			01/03/17 09:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*01/03/17 09:20*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 122*		*01/03/17 09:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*73 - 131*		*01/03/17 09:20*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*01/03/17 09:20*	*1*

Lab Sample ID: LCS 680-463939/4
Matrix: Water
Analysis Batch: 463939

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	213		ug/L		85	68 - 132
Benzene	50.0	46.9		ug/L		94	80 - 120
Bromoform	50.0	48.4		ug/L		97	52 - 122
Bromomethane	50.0	26.1		ug/L		52	43 - 146
2-Butanone (MEK)	250	242		ug/L		97	79 - 125
Carbon disulfide	50.0	48.4		ug/L		97	77 - 129
Carbon tetrachloride	50.0	44.1		ug/L		88	67 - 125
Chlorobenzene	50.0	47.8		ug/L		96	80 - 120
Chlorodibromomethane	50.0	55.3		ug/L		111	68 - 120
Chloroethane	50.0	28.7		ug/L		57	48 - 145
Chloroform	50.0	48.4		ug/L		97	80 - 120
Chloromethane	50.0	32.0	*	ug/L		64	76 - 149
cis-1,2-Dichloroethene	50.0	47.8		ug/L		96	80 - 120
cis-1,3-Dichloropropene	50.0	52.7		ug/L		105	80 - 129

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-463939/4
Matrix: Water
Analysis Batch: 463939

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorobromomethane	50.0	54.5		ug/L		109	80 - 120
1,1-Dichloroethane	50.0	44.1		ug/L		88	80 - 120
1,2-Dichloroethane	50.0	55.7		ug/L		111	72 - 128
1,1-Dichloroethene	50.0	41.7		ug/L		83	80 - 120
1,2-Dichloropropane	50.0	47.0		ug/L		94	80 - 120
Ethylbenzene	50.0	45.5		ug/L		91	80 - 120
2-Hexanone	250	204		ug/L		81	80 - 131
Methylene Chloride	50.0	52.9		ug/L		106	80 - 120
4-Methyl-2-pentanone (MIBK)	250	203		ug/L		81	80 - 134
Styrene	50.0	50.4		ug/L		101	80 - 126
1,1,2,2-Tetrachloroethane	50.0	45.0		ug/L		90	76 - 126
Tetrachloroethene	50.0	47.2		ug/L		94	71 - 123
Toluene	50.0	49.0		ug/L		98	80 - 120
trans-1,2-Dichloroethene	50.0	45.1		ug/L		90	80 - 120
trans-1,3-Dichloropropene	50.0	53.8		ug/L		108	80 - 128
1,1,1-Trichloroethane	50.0	44.4		ug/L		89	80 - 120
1,1,2-Trichloroethane	50.0	51.3		ug/L		103	80 - 120
Trichloroethene	50.0	47.2		ug/L		94	80 - 120
Vinyl chloride	50.0	38.9	*	ug/L		78	80 - 129
Xylenes, Total	100	93.0		ug/L		93	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 122*
1,2-Dichloroethane-d4 (Surr)	*105*		*73 - 131*
Toluene-d8 (Surr)	*87*		*80 - 120*

Lab Sample ID: LCSD 680-463939/5
Matrix: Water
Analysis Batch: 463939

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	250	225		ug/L		90	68 - 132	6	30
Benzene	50.0	49.8		ug/L		100	80 - 120	6	20
Bromoform	50.0	50.7		ug/L		101	52 - 122	5	20
Bromomethane	50.0	28.2		ug/L		56	43 - 146	8	20
2-Butanone (MEK)	250	251		ug/L		100	79 - 125	4	20
Carbon disulfide	50.0	50.3		ug/L		101	77 - 129	4	20
Carbon tetrachloride	50.0	47.7		ug/L		95	67 - 125	8	20
Chlorobenzene	50.0	50.6		ug/L		101	80 - 120	6	20
Chlorodibromomethane	50.0	58.7		ug/L		117	68 - 120	6	20
Chloroethane	50.0	38.3	*	ug/L		77	48 - 145	29	20
Chloroform	50.0	51.3		ug/L		103	80 - 120	6	20
Chloromethane	50.0	33.4	*	ug/L		67	76 - 149	4	30
cis-1,2-Dichloroethene	50.0	49.7		ug/L		99	80 - 120	4	20
cis-1,3-Dichloropropene	50.0	55.3		ug/L		111	80 - 129	5	20
Dichlorobromomethane	50.0	56.7		ug/L		113	80 - 120	4	20
1,1-Dichloroethane	50.0	46.7		ug/L		93	80 - 120	6	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-463939/5
Matrix: Water
Analysis Batch: 463939

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane			50.0	56.7		ug/L		113	72 - 128	2	50
1,1-Dichloroethene			50.0	46.1		ug/L		92	80 - 120	10	20
1,2-Dichloropropane			50.0	49.5		ug/L		99	80 - 120	5	20
Ethylbenzene			50.0	47.9		ug/L		96	80 - 120	5	20
2-Hexanone			250	215		ug/L		86	80 - 131	5	20
Methylene Chloride			50.0	63.3	*	ug/L		127	80 - 120	18	20
4-Methyl-2-pentanone (MIBK)			250	213		ug/L		85	80 - 134	5	20
Styrene			50.0	52.8		ug/L		106	80 - 126	5	20
1,1,2,2-Tetrachloroethane			50.0	46.5		ug/L		93	76 - 126	3	20
Tetrachloroethene			50.0	49.3		ug/L		99	71 - 123	4	20
Toluene			50.0	51.1		ug/L		102	80 - 120	4	20
trans-1,2-Dichloroethene			50.0	47.3		ug/L		95	80 - 120	5	20
trans-1,3-Dichloropropene			50.0	56.2		ug/L		112	80 - 128	4	30
1,1,1-Trichloroethane			50.0	46.7		ug/L		93	80 - 120	5	20
1,1,2-Trichloroethane			50.0	54.1		ug/L		108	80 - 120	5	20
Trichloroethene			50.0	50.1		ug/L		100	80 - 120	6	20
Vinyl chloride			50.0	41.6		ug/L		83	80 - 129	7	20
Xylenes, Total			100	98.8		ug/L		99	80 - 120	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*106*		*80 - 122*
1,2-Dichloroethane-d4 (Surr)	*110*		*73 - 131*
Toluene-d8 (Surr)	*92*		*80 - 120*

QC Association Summary

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-133511-1

GC/MS VOA

Analysis Batch: 463878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-133594-2	OF-2	Total/NA	Water	8260B	
MB 680-463878/9	Method Blank	Total/NA	Water	8260B	
LCS 680-463878/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-463878/6	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 463881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-133511-1	MW-15C	Total/NA	Water	8260B	
680-133511-2	MW-24C	Total/NA	Water	8260B	
680-133511-3	MW-16C	Total/NA	Water	8260B	
680-133511-4	MW-20C	Total/NA	Water	8260B	
680-133511-5	SS-2	Total/NA	Water	8260B	
680-133511-8	MW-19C	Total/NA	Water	8260B	
680-133511-9	MW-19D	Total/NA	Water	8260B	
680-133511-10	SS-3	Total/NA	Water	8260B	
680-133511-11	MW-19B	Total/NA	Water	8260B	
680-133511-12	Trip Blank	Total/NA	Water	8260B	
680-133594-1	SS-1	Total/NA	Water	8260B	
MB 680-463881/10	Method Blank	Total/NA	Water	8260B	
LCS 680-463881/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-463881/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 463939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-133511-9 - DL	MW-19D	Total/NA	Water	8260B	
MB 680-463939/9	Method Blank	Total/NA	Water	8260B	
LCS 680-463939/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-463939/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Lab Chronicle

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-133511-1

Client Sample ID: MW-15C
Date Collected: 12/19/16 07:55
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	463881	12/31/16 15:31	JD1	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: MW-24C
Date Collected: 12/19/16 08:20
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	463881	12/31/16 15:51	JD1	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: MW-16C
Date Collected: 12/19/16 08:45
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	5 mL	5 mL	463881	12/31/16 16:12	JD1	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: MW-20C
Date Collected: 12/19/16 09:10
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	463881	12/31/16 16:32	JD1	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: SS-2
Date Collected: 12/19/16 09:20
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	463881	12/31/16 16:52	JD1	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: MW-19C
Date Collected: 12/19/16 10:35
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	463881	12/31/16 17:13	JD1	TAL SAV
	Instrument ID: CMSB									

Lab Chronicle

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-133511-1

Client Sample ID: MW-19D
Date Collected: 12/19/16 10:45
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	463881	12/31/16 17:33	JD1	TAL SAV
	Instrument ID: CMSB									
Total/NA	Analysis	8260B	DL	2	5 mL	5 mL	463939	01/03/17 15:02	CEJ	TAL SAV
	Instrument ID: CMSP2									

Client Sample ID: SS-3
Date Collected: 12/19/16 11:25
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	463881	12/31/16 17:54	JD1	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: MW-19B
Date Collected: 12/19/16 12:40
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	5 mL	5 mL	463881	12/31/16 18:14	JD1	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: Trip Blank
Date Collected: 12/19/16 15:00
Date Received: 12/20/16 11:30

Lab Sample ID: 680-133511-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	463881	12/31/16 11:46	JD1	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: SS-1
Date Collected: 12/19/16 09:25
Date Received: 12/22/16 10:15

Lab Sample ID: 680-133594-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	463881	12/31/16 18:35	JD1	TAL SAV
	Instrument ID: CMSB									

Lab Chronicle

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-133511-1

Client Sample ID: OF-2

Date Collected: 12/19/16 09:30
Date Received: 12/22/16 10:15

Lab Sample ID: 680-133594-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	463878	12/31/16 16:58	JD1	TAL SAV
	Instrument ID: CMSA2									

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Serial Number 114605

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Ashland Hitterman	C01849	GA

TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Jerry Lanier		

CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Michelle Staygook	412-807-1494	

CLIENT NAME	CLIENT E-MAIL
Ashland	michelle.staygook@ehs-support.com

CLIENT ADDRESS: 4694 Cemetery Rd Hilliard, OH 43026

COMPANY CONTRACTING THIS WORK (if applicable)

PAGE 1 OF 1

STANDARD REPORT DELIVERY ☒
DATE DUE
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: 8260 VOCs - HCl PRESERVATIVE	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/19/16	0755	MW-15C	G	X				X	X	
12/19/16	0820	MW-24C	G	X				X	X	Trip Blank to get 8260 VOCs.
12/19/16	0845	MW-16C	G	X				X	X	
12/19/16	0910	MW-20C	G	X				X	X	
12/19/16	0920	SS-2	G	X				X	X	Three containers per sample.
12/19/16	0925	SS-1	G	X				X	X	
12/19/16	0930	OF-2	G	X				X	X	
12/19/16	1035	MW-19C	G	X				X	X	
12/19/16	1045	MW-19D	G	X				X	X	
12/19/16	1125	SS-3	G	X				X	X	
12/19/16	1240	MW-19B	G	X				X	X	
12/19/16	1500	Trip Blank	G	X				X	X	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	DATE	TIME
	12/19/16	1500				
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	DATE	TIME

680-133511 Chain of Custody

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
	12/20/16	11:30	YES ○ NO ○		680-133511	1.2/1.4

TAL8240-680 (1008)

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1/5/2017

681-Atlanta

Serial Number 114604

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Ashland Alterman	C01849	
TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Terry Lanier		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Michelle Staycook	412-807-1494	
CLIENT NAME	CLIENT E-MAIL	
Ashland	on file	
CLIENT ADDRESS		
4694 Cemetery Rd Hilliard, OH 43026		
COMPANY CONTRACTING THIS WORK (if applicable)		

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT,...)

REQUIRED ANALYSIS: VOCs 8260

PRESERVATIVE: HCl

PAGE 1 OF 1

STANDARD REPORT DELIVERY: X
DATE DUE
EXPEDITED REPORT DELIVERY (SURCHARGE):
DATE DUE
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G)	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/19/16	0925	SS-1	G	X				3	
12/19/16	0930	~~SS~~ DF-2	G	X				3	

680-133594 Chain of Custody

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
KS	12/20/16	1650						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
V. Jackson	12-22-16	1015	YES ○ NO ○			0-8/1-0

TAL8240-680 (1008)

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1/5/2017

681-Atlanta

Login Sample Receipt Checklist

Client: EHS Support, LLC

Job Number: 680-133511-1

Login Number: 133511
List Number: 1
Creator: Kicklighter, Marilyn D

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	False	two samples on COC not received 12/20/16, due into lab on 12/21/16
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: EHS Support, LLC

Job Number: 680-133511-1

Login Number: 133594
List Number: 1
Creator: Jackson, Victor L

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: EHS Support, LLC
Project/Site: Ashland Alterman

TestAmerica Job ID: 680-133511-1

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Georgia	State Program	4	803	06-30-17

APPENDIX D
Monitoring Well Abandonment Records

Georgia Environmental Protection Department of Natural Resources

Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive SE, Suite 1152 East Tower, Atlanta, Georgia 30334
PHONE: (404) 656-4713

Well Completion Data Form

Report Completion Date:

For ☐ New Construction ☐ Under Repair/Modification ☐ Completed ☒ Abandoned Wells 12/5/2016

Property Owner Information

Property Owner Name: Tara Retail Holdings LLC (completed by EHS Support, LLC) | Phone: (412) 807-1494 | Email: Michelle.Stayrook@ehs-Support.com

Company / Farm / Municipality / Water System Name: Ashland, LLC / Tara Shopping Center (Former Dry Cleaner Site)

Address: 8564 Tara Boulevard, Jonesboro, Clayton County, Georgia 30236
(No. and Street) (City) (State) (Zip)

Well Contractor Information

Onsite Well Driller Name: Edward Wayman | License No. GA 627 WD | Phone: (770) 868-5407

Well Contractor Company Name: GeoLabs, Inc

Address: PO Box 1169, Dracula, GA 30019
(No. and Street) (City) (State) (Zip)

Drilling under direction of Professional Geologist or Engineer Name: Jonathan Patrick Waddell | License No. PE037262

Well Information

☐ Public Drinking ☐ Municipal ☐ Industrial ☐ Agricultural / Irrigation Well ☐ Bore/core hole ☐ Dewatering
☐ Individual Drinking ☐ Geothermal ☒ Test / Monitoring ☐ Injection ☐ Other Well Type: _____

Well Application or Permit Number: MW-1A
☐ Permit/Concurrence Letter On-site

Public Water System ID: _____
Public Water System Well Number: _____

County where well is located: Clayton

Latitude: N033°31'14.642" Longitude: W084°21'43.441" Elevation: 898.816

Well Construction Description

Well Drilling Information

Total depth of well: 25 ft. Below Land Surface

Static water level: 23.64 ft. BLS (ft BTOC)

Date static water level measured: 6/29/2015

☐ Rotary ☐ Percussion ☐ Bored
☐ Jetted ☐ Auger ☐ Cable Tool
☐ Horizontal ☐ Hand-Driven ☐ Hydraulic Pt.

Date Drilled:

Drill Hole Diameter

Size ___ in., from 0 ft. to ___ ft.
Size ___ in., from ___ ft. to ___ ft.
Size ___ in., from ___ ft. to ___ ft.

Grouting (☑ as applicable)

Method: ☐ Casing ☒ Tremie ☐ Packer ☐ Halliburton ☐ Under Pressure
Type: ☒ Bentonite ☐ Neat Cement ☐ Other:
☒ Present From 0 ft. to 25 ft. From ___ ft. to ___ ft.

Casing Record (☑ as applicable)

Primary: ☐ Black Steel ☐ Galvanized ☐ Stainless
☒ PVC ☐ Not Cased ☐ Other: _____
Secondary: ☐ Telescope ☐ Liner ☐ Surface Casing
Wall Thickness ___ in.
Weight per foot ___ SDR ___
Size: 2 in., from 0 ft. to 15 ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.

Permanent Pump Data (☑ as applicable)

Pump Type: ___
Pump Diameter: ___ Outlet size: ___
Motor HP: ___ Motor RPM: ___
Pump Capacity: ___ GPM Total Dynamic Head: ___ ft.
Pump Set at: ___ ft. Pump Disinfected: ☐ Yes ☐ No
Meter Installed: ☐ Yes ☐ No Meter Size & Rating:
Casing Vent: ☐ Yes ☐ No Sample Tap: ☐ Yes ☐ No
Air Line: ☐ Yes ☐ No Depth ___ ft. Diameter ___ in.
Chemigation check valve installed: ☐ Yes ☐ No

Well Screen (if installed)

Type material Slotted PVC
Size: 2 in., from 15 ft. to 25 ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Disinfected: ☐ Yes ☐ No

Test Pump Data (☑ as applicable)

Date Tested: ___ Static water level: ___ ft. BLS
Test Pump Rated: ___ GPM ___ HP
Total Continuous Hours Tested: ___
Water Level Stabilized: ☐ Yes ☐ No
Hours before Stabilization: ___ Sustained Yield: ___ GPM
Total Drawdown: ___ ft. Specific Capacity: ___ GPM/ft.
Pumping Water Level: ___ ft.
Number of Minutes to Recover: ___
Well Developed: ☐ Yes ☐ No Well Disinfected: ☐ Yes ☐ No

Well Application or Permit Number: _____

Well Construction Description (continued)	
Protection from Pollutants (☑ if done)	**Construction Techniques (☑ if done)**
☐ Upgradient from pollutant sources	☐ Drill cuttings, materials removed ☐ Well disinfected
☐ >10 ft. sewer line ☐ > 50 ft. septic tank	☐ Casing, liner pipe joints watertight ☐ Sanitary seal
☐ >150 ft. seep pit ☐ > 100 ft. septic drain field	☐ Grouted to 10 ft. (Individual) 20-50 ft. (Irrigation, Nonpublic)
☐ > 100 ft. animal enclosure ☐ protected from runoff	☐ Concrete Curbed/Pad > 4 in. thick, extend > 2 ft., sloped
☐ casing > 2 ft. above floodplain or highest known flood	☐ Gravel pack washed, disinfected
☐ Water-bearing formations sealed if likely to be polluted	☐ Casing material new or meets national standards
☐ Health Dept. notified ☐ Health Dept. variance	☐ Well screen – optimal development, low head loss & clog

Driller's Well Log (lithologic stratigraphy)

Feet (BLS)		Type Material Encountered	Remarks	Indicate Water Bearing Zones
from	to			
0				

(If more space is required, use additional sheets. If available, submit any additional pump test data or geophysical logs.)

This well was drilled and constructed (or plugged/abandoned, if applicable) in accordance with the Georgia Water Well Standards Act, O.C.G.A. 12-5-120 *et seq.*, Georgia Groundwater Use Act, O.C.G.A. 12-5-90 *et seq.* and 12-5-105 *et seq.*, Georgia Safe Drinking Water Act, O.C.G.A. 12-5-170 *et seq.*, and applicable Georgia Department of Natural Resources' rules, regulations and guidance documents.

I certify that the information on this form (Pages 1 and 2) is correct and true to the best of my knowledge.

Joe Grantham 12/8/16

Signature of Licensed Well Contractor's Name Date

F. Joe Grantham GA627 WD

Printed Licensed Well Contractor's Name License No.

Georgia Environmental Protection Department of Natural Resources

Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive SE, Suite 1152 East Tower, Atlanta, Georgia 30334
PHONE: (404) 656-4713

Well Completion Data Form

Report Completion Date:

For ☐ New Construction ☐ Under Repair/Modification ☐ Completed ☒ Abandoned Wells 12/5/2016

Property Owner Information

Property Owner Name: Tara Retail Holdings LLC (completed by EHS Support, LLC) | Phone: (412) 807-1494 | Email: Michelle.Stayrook@ehs-Support.com

Company / Farm / Municipality / Water System Name: Ashland, LLC / Tara Shopping Center (Former Dry Cleaner Site)

Address: 8564 Tara Boulevard, Jonesboro, Clayton County, Georgia 30236
(No. and Street) (City) (State) (Zip)

Well Contractor Information

Onsite Well Driller Name: Edward Wayman | License No. GA 627 WD | Phone: (770) 868-5407

Well Contractor Company Name: GeoLabs, Inc

Address: PO Box 1169, Dracula, GA 30019
(No. and Street) (City) (State) (Zip)

Drilling under direction of Professional Geologist or Engineer Name: Jonathan Patrick Waddell | License No. PE037262

Well Information

☐ Public Drinking ☐ Municipal ☐ Industrial ☐ Agricultural / Irrigation Well ☐ Bore/core hole ☐ Dewatering
☐ Individual Drinking ☐ Geothermal ☒ Test / Monitoring ☐ Injection ☐ Other Well Type: _____

Well Application or Permit Number: MW-1C
☐ Permit/Concurrence Letter On-site

Public Water System ID: _____
Public Water System Well Number: _____

County where well is located: Clayton

Latitude: N033°31'14.688" Longitude: W084°21'43.438" Elevation: 899.01

Well Construction Description

Well Drilling Information

Total depth of well: 98 ft. Below Land Surface

Static water level: 36.74 ft. BLS (ft BTOC)

Date static water level measured: 6/29/2015

☐ Rotary ☐ Percussion ☐ Bored
☐ Jetted ☐ Auger ☐ Cable Tool
☐ Horizontal ☐ Hand-Driven ☐ Hydraulic Pt.

Date Drilled:

Drill Hole Diameter

Size ___ in., from 0 ft. to ___ ft.
Size ___ in., from ___ ft. to ___ ft.
Size ___ in., from ___ ft. to ___ ft.

Grouting (☑ as applicable)

Method: ☐ Casing ☒ Tremie ☐ Packer ☐ Halliburton ☐ Under Pressure
Type: ☒ Bentonite ☐ Neat Cement ☐ Other:
☒ Present From 0 ft. to 98 ft. From ___ ft. to ___ ft.

Casing Record (☑ as applicable)

Primary: ☐ Black Steel ☐ Galvanized ☐ Stainless
☒ PVC ☐ Not Cased ☐ Other: _____
Secondary: ☐ Telescope ☐ Liner ☐ Surface Casing
Wall Thickness ___ in.
Weight per foot ___ SDR ___
Size: 2 in., from 0 ft. to 83 ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.

Permanent Pump Data (☑ as applicable)

Pump Type: ___
Pump Diameter: ___ Outlet size: ___
Motor HP: ___ Motor RPM: ___
Pump Capacity: ___ GPM Total Dynamic Head: ___ ft.
Pump Set at: ___ ft. Pump Disinfected: ☐ Yes ☐ No
Meter Installed: ☐ Yes ☐ No Meter Size & Rating:
Casing Vent: ☐ Yes ☐ No Sample Tap: ☐ Yes ☐ No
Air Line: ☐ Yes ☐ No Depth ___ ft. Diameter ___ in.
Chemigation check valve installed: ☐ Yes ☐ No

Well Screen (if installed)

Type material Slotted PVC
Size: 2 in., from 83 ft. to 98 ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Disinfected: ☐ Yes ☐ No

Test Pump Data (☑ as applicable)

Date Tested: ___ Static water level: ___ ft. BLS
Test Pump Rated: ___ GPM ___ HP
Total Continuous Hours Tested: ___
Water Level Stabilized: ☐ Yes ☐ No
Hours before Stabilization: ___ Sustained Yield: ___ GPM
Total Drawdown: ___ ft. Specific Capacity: ___ GPM/ft.
Pumping Water Level: ___ ft.
Number of Minutes to Recover: ___
Well Developed: ☐ Yes ☐ No Well Disinfected: ☐ Yes ☐ No

Well Application or Permit Number: _____

Well Construction Description (continued)	
Protection from Pollutants (☑ if done)	**Construction Techniques (☑ if done)**
☐ Upgradient from pollutant sources	☐ Drill cuttings, materials removed ☐ Well disinfected
☐ >10 ft. sewer line ☐ > 50 ft. septic tank	☐ Casing, liner pipe joints watertight ☐ Sanitary seal
☐ >150 ft. seep pit ☐ > 100 ft. septic drain field	☐ Grouted to 10 ft. (Individual) 20-50 ft. (Irrigation, Nonpublic)
☐ > 100 ft. animal enclosure ☐ protected from runoff	☐ Concrete Curbed/Pad > 4 in. thick, extend > 2 ft., sloped
☐ casing > 2 ft. above floodplain or highest known flood	☐ Gravel pack washed, disinfected
☐ Water-bearing formations sealed if likely to be polluted	☐ Casing material new or meets national standards
☐ Health Dept. notified ☐ Health Dept. variance	☐ Well screen – optimal development, low head loss & clog

Driller's Well Log (lithologic stratigraphy)

Feet (BLS)		Type Material Encountered	Remarks	Indicate Water Bearing Zones
from	to			
0				

(If more space is required, use additional sheets. If available, submit any additional pump test data or geophysical logs.)

This well was drilled and constructed (or plugged/abandoned, if applicable) in accordance with the Georgia Water Well Standards Act, O.C.G.A. 12-5-120 *et seq.*, Georgia Groundwater Use Act, O.C.G.A. 12-5-90 *et seq.* and 12-5-105 *et seq.*, Georgia Safe Drinking Water Act, O.C.G.A. 12-5-170 *et seq.*, and applicable Georgia Department of Natural Resources' rules, regulations and guidance documents.

I certify that the information on this form (Pages 1 and 2) is correct and true to the best of my knowledge.

Signature of Licensed Well Contractor's Name — Date: 12/8/16

F. Joe Grantham — GA 627 WD

Printed Licensed Well Contractor's Name — License No.

Georgia Environmental Protection Department of Natural Resources

Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive SE, Suite 1152 East Tower, Atlanta, Georgia 30334
PHONE: (404) 656-4713

Well Completion Data Form

Report Completion Date:

For ☐ New Construction ☐ Under Repair/Modification ☐ Completed ☒ Abandoned Wells 12/5/2016

Property Owner Information

Property Owner Name: Tara Retail Holdings LLC (completed by EHS Support, LLC) | Phone: (412) 807-1494 | Email: Michelle.Stayrook@ehs-Support.com

Company / Farm / Municipality / Water System Name: Ashland, LLC / Tara Shopping Center (Former Dry Cleaner Site)

Address: 8564 Tara Boulevard, Jonesboro, Clayton County, Georgia 30236
(No. and Street) (City) (State) (Zip)

Well Contractor Information

Onsite Well Driller Name: Edward Wayman | License No. GA 627 WD | Phone: (770) 868-5407

Well Contractor Company Name: GeoLabs, Inc

Address: PO Box 1169, Dracula, GA 30019
(No. and Street) (City) (State) (Zip)

Drilling under direction of Professional Geologist or Engineer Name: _____ License No.

Well Information

☐ Public Drinking ☐ Municipal ☐ Industrial ☐ Agricultural / Irrigation Well ☐ Bore/core hole ☐ Dewatering
☐ Individual Drinking ☐ Geothermal ☒ Test / Monitoring ☐ Injection ☐ Other Well Type: _____

Well Application or Permit Number: MW-3B
☐ Permit/Concurrence Letter On-site

Public Water System ID: _____
Public Water System Well Number: _____

County where well is located: Clayton

Latitude: N033°31'11.164" Longitude: W084°21'45.017" Elevation: 892.54

Well Construction Description

Well Drilling Information

Total depth of well: 55 ft. Below Land Surface

Static water level: 19.0 ft. BLS (ft BTOC)

Date static water level measured: 6/29/2015

☐ Rotary ☐ Percussion ☐ Bored
☐ Jetted ☐ Auger ☐ Cable Tool
☐ Horizontal ☐ Hand-Driven ☐ Hydraulic Pt.

Date Drilled:

Drill Hole Diameter

Size ___ in., from 0 ft. to ___ ft.
Size ___ in., from ___ ft. to ___ ft.
Size ___ in., from ___ ft. to ___ ft.

Grouting (☑ as applicable)

Method: ☐ Casing ☒ Tremie ☐ Packer ☐ Halliburton ☐ Under Pressure
Type: ☒ Bentonite ☐ Neat Cement ☐ Other:
☒ Present From 0 ft. to 55 ft. From ___ ft. to ___ ft.

Casing Record (☑ as applicable)

Primary: ☐ Black Steel ☐ Galvanized ☐ Stainless
☒ PVC ☐ Not Cased ☐ Other: _____
Secondary: ☐ Telescope ☐ Liner ☐ Surface Casing
Wall Thickness ___ in.
Weight per foot ___ SDR ___
Size: 2 in., from 0 ft. to 45 ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.

Permanent Pump Data (☑ as applicable)

Pump Type: ___
Pump Diameter: ___ Outlet size: ___
Motor HP: ___ Motor RPM: ___
Pump Capacity: ___ GPM Total Dynamic Head: ___ ft.
Pump Set at: ___ ft. Pump Disinfected: ☐ Yes ☐ No
Meter Installed: ☐ Yes ☐ No Meter Size & Rating:
Casing Vent: ☐ Yes ☐ No Sample Tap: ☐ Yes ☐ No
Air Line: ☐ Yes ☐ No Depth ___ ft. Diameter ___ in.
Chemigation check valve installed: ☐ Yes ☐ No

Well Screen (if installed)

Type material Slotted PVC
Size: 2 in., from 45 ft. to 55 ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Disinfected: ☐ Yes ☐ No

Test Pump Data (☑ as applicable)

Date Tested: ___ Static water level: ___ ft. BLS
Test Pump Rated: ___ GPM ___ HP
Total Continuous Hours Tested: ___
Water Level Stabilized: ☐ Yes ☐ No
Hours before Stabilization: ___ Sustained Yield: ___ GPM
Total Drawdown: ___ ft. Specific Capacity: ___ GPM/ft.
Pumping Water Level: ___ ft.
Number of Minutes to Recover: ___
Well Developed: ☐ Yes ☐ No Well Disinfected: ☐ Yes ☐ No

Well Application or Permit Number: _____

Well Construction Description (continued)	
Protection from Pollutants (☑ if done)	**Construction Techniques (☑ if done)**
☐ Upgradient from pollutant sources	☐ Drill cuttings, materials removed ☐ Well disinfected
☐ >10 ft. sewer line ☐ > 50 ft. septic tank	☐ Casing, liner pipe joints watertight ☐ Sanitary seal
☐ >150 ft. seep pit ☐ > 100 ft. septic drain field	☐ Grouted to 10 ft. (Individual) 20-50 ft. (Irrigation, Nonpublic)
☐ > 100 ft. animal enclosure ☐ protected from runoff	☐ Concrete Curbed/Pad > 4 in. thick, extend > 2 ft., sloped
☐ casing > 2 ft. above floodplain or highest known flood	☐ Gravel pack washed, disinfected
☐ Water-bearing formations sealed if likely to be polluted	☐ Casing material new or meets national standards
☐ Health Dept. notified ☐ Health Dept. variance	☐ Well screen – optimal development, low head loss & clog

Driller's Well Log (lithologic stratigraphy)

Feet (BLS)		Type Material Encountered	Remarks	Indicate Water Bearing Zones
from	to			
0				

(If more space is required, use additional sheets. If available, submit any additional pump test data or geophysical logs.)

This well was drilled and constructed (or plugged/abandoned, if applicable) in accordance with the Georgia Water Well Standards Act, O.C.G.A. 12-5-120 *et seq.*, Georgia Groundwater Use Act, O.C.G.A. 12-5-90 *et seq.* and 12-5-105 *et seq.*, Georgia Safe Drinking Water Act, O.C.G.A. 12-5-170 *et seq.*, and applicable Georgia Department of Natural Resources' rules, regulations and guidance documents.

I certify that the information on this form (Pages 1 and 2) is correct and true to the best of my knowledge.

Joe Grantham 12/8/16

Signature of Licensed Well Contractor's Name Date

F. Joe Grantham GA 627 WD

Printed Licensed Well Contractor's Name License No.

Georgia Environmental Protection Department of Natural Resources

Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive SE, Suite 1152 East Tower, Atlanta, Georgia 30334
PHONE: (404) 656-4713

Well Completion Data Form

Report Completion Date:

For ☐ New Construction ☐ Under Repair/Modification ☐ Completed ☒ Abandoned Wells 12/5/2016

Property Owner Information

Property Owner Name: Lumsden Properties LLC (completed by EHS Support, LLC) | Phone: (412) 807-1494 | Email: Michelle.Stayrook@ehs-Support.com

Company / Farm / Municipality / Water System Name: Ashland, LLC / Tara Shopping Center (Former Dry Cleaner Site)

Address: 8660 Tara Blvd, Jonesboro, Clayton County, Georgia 30236
(No. and Street) (City) (State) (Zip)

Well Contractor Information

Onsite Well Driller Name: Edward Wayman | License No. GA 627 WD | Phone: (770) 868-5407

Well Contractor Company Name: GeoLabs, Inc

Address: PO Box 1169, Dracula, GA 30019
(No. and Street) (City) (State) (Zip)

Drilling under direction of Professional Geologist or Engineer Name: Jonathan Patrick Waddell | License No. PE037262

Well Information

☐ Public Drinking ☐ Municipal ☐ Industrial ☐ Agricultural / Irrigation Well ☐ Bore/core hole ☐ Dewatering
☐ Individual Drinking ☐ Geothermal ☒ Test / Monitoring ☐ Injection ☐ Other Well Type: _____

Well Application or Permit Number: MW-4B
☐ Permit/Concurrence Letter On-site

Public Water System ID: _____
Public Water System Well Number: _____

County where well is located: Clayton

Latitude: N033°31'09.225" Longitude: W084°21'45.792" Elevation: 884.67

Well Construction Description

Well Drilling Information

Total depth of well: 60 ft. Below Land Surface

Static water level: 12.60 ft. BLS (ft BTOC)

Date static water level measured: 6/29/2015

☐ Rotary ☐ Percussion ☐ Bored
☐ Jetted ☐ Auger ☐ Cable Tool
☐ Horizontal ☐ Hand-Driven ☐ Hydraulic Pt.

Date Drilled: 4/28/2006

Drill Hole Diameter

Size ____ in., from 0 ft. to ____ ft.
Size ____ in., from ____ ft. to ____ ft.
Size ____ in., from ____ ft. to ____ ft.

Grouting (☑ as applicable)

Method: ☐ Casing ☒ Tremie ☐ Packer ☐ Halliburton ☐ Under Pressure
Type: ☒ Bentonite ☐ Neat Cement ☐ Other:
☒ Present From 0 ft. to 60 ft. From ____ ft. to ____ ft.

Casing Record (☑ as applicable)

Primary: ☐ Black Steel ☐ Galvanized ☐ Stainless
☒ PVC ☐ Not Cased ☐ Other: _____
Secondary: ☐ Telescope ☐ Liner ☐ Surface Casing
Wall Thickness ____ in.
Weight per foot ____ SDR ____
Size: 2 in., from 0 ft. to 50 ft.
Size: ____ in., from ____ ft. to ____ ft.
Size: ____ in., from ____ ft. to ____ ft.
Size: ____ in., from ____ ft. to ____ ft.

Permanent Pump Data (☑ as applicable)

Pump Type: ____
Pump Diameter: ____ Outlet size: ____
Motor HP: ____ Motor RPM: ____
Pump Capacity: ____ GPM Total Dynamic Head: ____ ft.
Pump Set at: ____ ft. Pump Disinfected: ☐ Yes ☐ No
Meter Installed: ☐ Yes ☐ No Meter Size & Rating:
Casing Vent: ☐ Yes ☐ No Sample Tap: ☐ Yes ☐ No
Air Line: ☐ Yes ☐ No Depth ____ ft. Diameter ____ in.
Chemigation check valve installed: ☐ Yes ☐ No

Well Screen (if installed)

Type material Slotted PVC
Size: 2 in., from 50 ft. to 60 ft.
Size: ____ in., from ____ ft. to ____ ft.
Size: ____ in., from ____ ft. to ____ ft.
Size: ____ in., from ____ ft. to ____ ft.
Gravel Pack from ____ ft. to ____ ft.
Gravel Pack from ____ ft. to ____ ft.
Gravel Pack from ____ ft. to ____ ft.
Gravel Disinfected: ☐ Yes ☐ No

Test Pump Data (☑ as applicable)

Date Tested: ____ Static water level: ____ ft. BLS
Test Pump Rated: ____ GPM ____ HP
Total Continuous Hours Tested: ____
Water Level Stabilized: ☐ Yes ☐ No
Hours before Stabilization: ____ Sustained Yield: ____ GPM
Total Drawdown: ____ ft. Specific Capacity: ____ GPM/ft.
Pumping Water Level: ____ ft.
Number of Minutes to Recover: ____
Well Developed: ☐ Yes ☐ No Well Disinfected: ☐ Yes ☐ No

Well Application or Permit Number: _____

Well Construction Description (continued)	
Protection from Pollutants (☑ if done)	**Construction Techniques (☑ if done)**
☐ Upgradient from pollutant sources	☐ Drill cuttings, materials removed ☐ Well disinfected
☐ >10 ft. sewer line ☐ > 50 ft. septic tank	☐ Casing, liner pipe joints watertight ☐ Sanitary seal
☐ >150 ft. seep pit ☐ > 100 ft. septic drain field	☐ Grouted to 10 ft. (Individual) 20-50 ft. (Irrigation, Nonpublic)
☐ > 100 ft. animal enclosure ☐ protected from runoff	☐ Concrete Curbed/Pad > 4 in. thick, extend > 2 ft., sloped
☐ casing > 2 ft. above floodplain or highest known flood	☐ Gravel pack washed, disinfected
☐ Water-bearing formations sealed if likely to be polluted	☐ Casing material new or meets national standards
☐ Health Dept. notified ☐ Health Dept. variance	☐ Well screen – optimal development, low head loss & clog

Driller's Well Log (lithologic stratigraphy)

Feet (BLS)		Type Material Encountered	Remarks	Indicate Water Bearing Zones
from	to			
0				

(If more space is required, use additional sheets. If available, submit any additional pump test data or geophysical logs.)

This well was drilled and constructed (or plugged/abandoned, if applicable) in accordance with the Georgia Water Well Standards Act, O.C.G.A. 12-5-120 *et seq.*, Georgia Groundwater Use Act, O.C.G.A. 12-5-90 *et seq.* and 12-5-105 *et seq.*, Georgia Safe Drinking Water Act, O.C.G.A. 12-5-170 *et seq.*, and applicable Georgia Department of Natural Resources' rules, regulations and guidance documents.

I certify that the information on this form (Pages 1 and 2) is correct and true to the best of my knowledge.

Signature of Licensed Well Contractor's Name — Date: 12/8/16

F. Joe Grantham — GA 627 WD

Printed Licensed Well Contractor's Name — License No.

Georgia Environmental Protection Department of Natural Resources

Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive SE, Suite 1152 East Tower, Atlanta, Georgia 30334
PHONE: (404) 656-4713

Well Completion Data Form

Report Completion Date:

For ☐ New Construction ☐ Under Repair/Modification ☐ Completed ☒ Abandoned Wells 12/5/2016

Property Owner Information

Property Owner Name: Sonu Enterprises Inc. (completed by EHS Support, LLC) | Phone: (412) 807-1494 | Email: Michelle.Stayrook@ehs-Support.com

Company / Farm / Municipality / Water System Name: Ashland, LLC / Tara Shopping Center (Former Dry Cleaner Site)

Address: 8664 Tara Boulevard, Jonesboro, Clayton County, Georgia 30236
(No. and Street) (City) (State) (Zip)

Well Contractor Information

Onsite Well Driller Name: Edward Wayman | License No. GA 627 WD | Phone: (770) 868-5407

Well Contractor Company Name: GeoLabs, Inc

Address: PO Box 1169, Dracula, GA 30019
(No. and Street) (City) (State) (Zip)

Drilling under direction of Professional Geologist or Engineer Name: Jonathan Patrick Waddell | License No. PE037262

Well Information

☐ Public Drinking ☐ Municipal ☐ Industrial ☐ Agricultural / Irrigation Well ☐ Bore/core hole ☐ Dewatering
☐ Individual Drinking ☐ Geothermal ☒ Test / Monitoring ☐ Injection ☐ Other Well Type: _____

Well Application or Permit Number: MW-6A
☐ Permit/Concurrence Letter On-site

Public Water System ID: _____
Public Water System Well Number: _____

County where well is located: Clayton

Latitude: N033°31'04.745" Longitude: W084°21'47.684" Elevation: 881.41

Well Construction Description

Well Drilling Information

Total depth of well: 25 ft. Below Land Surface

Static water level: 14.62 ft. BLS ft BTOC

Date static water level measured: 11/15/2016

☐ Rotary ☐ Percussion ☐ Bored
☐ Jetted ☐ Auger ☐ Cable Tool
☐ Horizontal ☐ Hand-Driven ☐ Hydraulic Pt.

Date Drilled: 5/2/2006

Drill Hole Diameter

Size ___ in., from 0 ft. to ___ ft.
Size ___ in., from ___ ft. to ___ ft.
Size ___ in., from ___ ft. to ___ ft.

Grouting (☑ as applicable)

Method: ☐ Casing ☒ Tremie ☐ Packer ☐ Halliburton ☐ Under Pressure
Type: ☒ Bentonite ☐ Neat Cement ☐ Other:
☐ Present From 0 ft. to 25 ft. From ___ ft. to ___ ft.

Casing Record (☑ as applicable)

Primary: ☐ Black Steel ☐ Galvanized ☐ Stainless
☒ PVC ☐ Not Cased ☐ Other: _____
Secondary: ☐ Telescope ☐ Liner ☐ Surface Casing
Wall Thickness ___ in.
Weight per foot ___ SDR ___
Size: 2 in., from 0 ft. to 15 ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.

Permanent Pump Data (☑ as applicable)

Pump Type: ___
Pump Diameter: ___ Outlet size: ___
Motor HP: ___ Motor RPM: ___
Pump Capacity: ___ GPM Total Dynamic Head: ___ ft.
Pump Set at: ___ ft. Pump Disinfected: ☐ Yes ☐ No
Meter Installed: ☐ Yes ☐ No Meter Size & Rating:
Casing Vent: ☐ Yes ☐ No Sample Tap: ☐ Yes ☐ No
Air Line: ☐ Yes ☐ No Depth ___ ft. Diameter ___ in.
Chemigation check valve installed: ☐ Yes ☐ No

Well Screen (if installed)

Type material Slotted PVC
Size: 2 in., from 15 ft. to 25 ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Disinfected: ☐ Yes ☐ No

Test Pump Data (☑ as applicable)

Date Tested: ___ Static water level: ___ ft. BLS
Test Pump Rated: ___ GPM ___ HP
Total Continuous Hours Tested: ___
Water Level Stabilized: ☐ Yes ☐ No
Hours before Stabilization: ___ Sustained Yield: ___ GPM
Total Drawdown: ___ ft. Specific Capacity: ___ GPM/ft.
Pumping Water Level: ___ ft.
Number of Minutes to Recover: ___
Well Developed: ☐ Yes ☐ No Well Disinfected: ☐ Yes ☐ No

Well Application or Permit Number: _____

Well Construction Description (continued)	
Protection from Pollutants (☑ if done)	**Construction Techniques (☑ if done)**
☐ Upgradient from pollutant sources	☐ Drill cuttings, materials removed ☐ Well disinfected
☐ >10 ft. sewer line ☐ > 50 ft. septic tank	☐ Casing, liner pipe joints watertight ☐ Sanitary seal
☐ >150 ft. seep pit ☐ > 100 ft. septic drain field	☐ Grouted to 10 ft. (Individual) 20-50 ft. (Irrigation, Nonpublic)
☐ > 100 ft. animal enclosure ☐ protected from runoff	☐ Concrete Curbed/Pad > 4 in. thick, extend > 2 ft., sloped
☐ casing > 2 ft. above floodplain or highest known flood	☐ Gravel pack washed, disinfected
☐ Water-bearing formations sealed if likely to be polluted	☐ Casing material new or meets national standards
☐ Health Dept. notified ☐ Health Dept. variance	☐ Well screen – optimal development, low head loss & clog

Driller's Well Log (lithologic stratigraphy)

Feet (BLS)		Type Material Encountered	Remarks	Indicate Water Bearing Zones
from	to			
0				

(If more space is required, use additional sheets. If available, submit any additional pump test data or geophysical logs.)

This well was drilled and constructed (or plugged/abandoned, if applicable) in accordance with the Georgia Water Well Standards Act, O.C.G.A. 12-5-120 *et seq.*, Georgia Groundwater Use Act, O.C.G.A. 12-5-90 *et seq.* and 12-5-105 *et seq.*, Georgia Safe Drinking Water Act, O.C.G.A. 12-5-170 *et seq.*, and applicable Georgia Department of Natural Resources' rules, regulations and guidance documents.

I certify that the information on this form (Pages 1 and 2) is correct and true to the best of my knowledge.

Signature of Licensed Well Contractor's Name — Date: 12/8/16

F. Joe Grantham — GA 627 WD

Printed Licensed Well Contractor's Name — License No.

Georgia Environmental Protection Department of Natural Resources

Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive SE, Suite 1152 East Tower, Atlanta, Georgia 30334
PHONE: (404) 656-4713

Well Completion Data Form

Report Completion Date:

For ☐ New Construction ☐ Under Repair/Modification ☐ Completed ☒ Abandoned Wells 12/5/2016

Property Owner Information

Property Owner Name: Sonu Enterprises Inc. (completed by EHS Support, LLC) | Phone: (412) 807-1494 | Email: Michelle.Stayrook@ehs-Support.com

Company / Farm / Municipality / Water System Name: Ashland, LLC / Tara Shopping Center (Former Dry Cleaner Site)

Address: 8664 Tara Boulevard, Jonesboro, Clayton County, Georgia 30236
(No. and Street) (City) (State) (Zip)

Well Contractor Information

Onsite Well Driller Name: Edward Wayman | License No. GA 627 WD | Phone: (770) 868-5407

Well Contractor Company Name: GeoLabs, Inc

Address: PO Box 1169, Dracula, GA 30019
(No. and Street) (City) (State) (Zip)

Drilling under direction of Professional Geologist or Engineer Name: Jonathan Patrick Waddell | License No. PE037262

Well Information

☐ Public Drinking ☐ Municipal ☐ Industrial ☐ Agricultural / Irrigation Well ☐ Bore/core hole ☐ Dewatering
☐ Individual Drinking ☐ Geothermal ☒ Test / Monitoring ☐ Injection ☐ Other Well Type: _____

Well Application or Permit Number: MW-6B
☐ Permit/Concurrence Letter On-site

Public Water System ID: _____
Public Water System Well Number: _____

County where well is located: Clayton

Latitude: N033°31'04.776" Longitude: W084°21'47.679" Elevation: 881.54

Well Construction Description

Well Drilling Information

Total depth of well: 67 ft. Below Land Surface

Static water level: 14.80 ft. BLS (ft BTOC)

Date static water level measured: 11/15/2016

☐ Rotary ☐ Percussion ☐ Bored
☐ Jetted ☐ Auger ☐ Cable Tool
☐ Horizontal ☐ Hand-Driven ☐ Hydraulic Pt.

Date Drilled: 5/2/2006

Drill Hole Diameter

Size ____ in., from 0 ft. to ____ ft.
Size ____ in., from ____ ft. to ____ ft.
Size ____ in., from ____ ft. to ____ ft.

Grouting (☑ as applicable)

Method: ☐ Casing ☒ Tremie ☐ Packer ☐ Halliburton ☐ Under Pressure
Type: ☒ Bentonite ☐ Neat Cement ☐ Other:
☐ Present From 0 ft. to 67 ft. From ____ ft. to ____ ft.

Casing Record (☑ as applicable)

Primary: ☐ Black Steel ☐ Galvanized ☐ Stainless
☒ PVC ☐ Not Cased ☐ Other: _____
Secondary: ☐ Telescope ☐ Liner ☐ Surface Casing
Wall Thickness _____ in.
Weight per foot _____ SDR _____
Size: 2 in., from 0 ft. to 57 ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.

Permanent Pump Data (☑ as applicable)

Pump Type: _____
Pump Diameter: _____ Outlet size: _____
Motor HP: _____ Motor RPM: _____
Pump Capacity: _____ GPM Total Dynamic Head: _____ ft.
Pump Set at: _____ ft. Pump Disinfected: ☐ Yes ☐ No
Meter Installed: ☐ Yes ☐ No Meter Size & Rating:
Casing Vent: ☐ Yes ☐ No Sample Tap: ☐ Yes ☐ No
Air Line: ☐ Yes ☐ No Depth _____ ft. Diameter _____ in.
Chemigation check valve installed: ☐ Yes ☐ No

Well Screen (if installed)

Type material Slotted PVC
Size: 2 in., from 57 ft. to 67 ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Disinfected: ☐ Yes ☐ No

Test Pump Data (☑ as applicable)

Date Tested: _____ Static water level: _____ ft. BLS
Test Pump Rated: _____ GPM _____ HP
Total Continuous Hours Tested: _____
Water Level Stabilized: ☐ Yes ☐ No
Hours before Stabilization: _____ Sustained Yield: _____ GPM
Total Drawdown: _____ ft. Specific Capacity: _____ GPM/ft.
Pumping Water Level: _____ ft.
Number of Minutes to Recover: _____
Well Developed: ☐ Yes ☐ No Well Disinfected: ☐ Yes ☐ No

Well Application or Permit Number: _____

Well Construction Description (continued)	
Protection from Pollutants (☑ if done)	**Construction Techniques (☑ if done)**
☐ Upgradient from pollutant sources	☐ Drill cuttings, materials removed ☐ Well disinfected
☐ >10 ft. sewer line ☐ > 50 ft. septic tank	☐ Casing, liner pipe joints watertight ☐ Sanitary seal
☐ >150 ft. seep pit ☐ > 100 ft. septic drain field	☐ Grouted to 10 ft. (Individual) 20-50 ft. (Irrigation, Nonpublic)
☐ > 100 ft. animal enclosure ☐ protected from runoff	☐ Concrete Curbed/Pad > 4 in. thick, extend > 2 ft., sloped
☐ casing > 2 ft. above floodplain or highest known flood	☐ Gravel pack washed, disinfected
☐ Water-bearing formations sealed if likely to be polluted	☐ Casing material new or meets national standards
☐ Health Dept. notified ☐ Health Dept. variance	☐ Well screen – optimal development, low head loss & clog

Driller's Well Log (lithologic stratigraphy)

Feet (BLS)		Type Material Encountered	Remarks	Indicate Water Bearing Zones
from	to			
0				

(If more space is required, use additional sheets. If available, submit any additional pump test data or geophysical logs.)

This well was drilled and constructed (or plugged/abandoned, if applicable) in accordance with the Georgia Water Well Standards Act, O.C.G.A. 12-5-120 *et seq.*, Georgia Groundwater Use Act, O.C.G.A. 12-5-90 *et seq.* and 12-5-105 *et seq.*, Georgia Safe Drinking Water Act, O.C.G.A. 12-5-170 *et seq.*, and applicable Georgia Department of Natural Resources' rules, regulations and guidance documents.

I certify that the information on this form (Pages 1 and 2) is correct and true to the best of my knowledge.

Signature of Licensed Well Contractor's Name — Date: 12/8/16

F. Joe Grantham — GA 627 WD

Printed Licensed Well Contractor's Name — License No.

Georgia Environmental Protection Department of Natural Resources

Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive SE, Suite 1152 East Tower, Atlanta, Georgia 30334
PHONE: (404) 656-4713

Well Completion Data Form

Report Completion Date:

For ☐ New Construction ☐ Under Repair/Modification ☐ Completed ☒ Abandoned Wells 12/5/2016

Property Owner Information

Property Owner Name: Tara Retail Holdings LLC (completed by EHS Support, LLC) | Phone: (412) 807-1494 | Email: Michelle.Stayrook@ehs-Support.com

Company / Farm / Municipality / Water System Name: Ashland, LLC / Tara Shopping Center (Former Dry Cleaner Site)

Address: 8564 Tara Boulevard, Jonesboro, Clayton County, Georgia 30236
(No. and Street) (City) (State) (Zip)

Well Contractor Information

Onsite Well Driller Name: Edward Wayman | License No. GA 627 WD | Phone: (770) 868-5407

Well Contractor Company Name: GeoLabs, Inc

Address: PO Box 1169, Dracula, GA 30019
(No. and Street) (City) (State) (Zip)

Drilling under direction of Professional Geologist or Engineer Name: Jonathan Patrick Waddell | License No. PE037262

Well Information

☐ Public Drinking ☐ Municipal ☐ Industrial ☐ Agricultural / Irrigation Well ☐ Bore/core hole ☐ Dewatering
☐ Individual Drinking ☐ Geothermal ☒ Test / Monitoring ☐ Injection ☐ Other Well Type: _____

Well Application or Permit Number: MW-7C
☐ Permit/Concurrence Letter On-site

Public Water System ID: _____
Public Water System Well Number: _____

County where well is located: Clayton

Latitude: N033°31'14.571" Longitude: W084°21'47.376" Elevation: 896.96

Well Construction Description

Well Drilling Information

Total depth of well: 62 ft. Below Land Surface

Static water level: 31.44 ft. BLS (ft BTOC)

Date static water level measured: 6/29/2015

☐ Rotary ☐ Percussion ☐ Bored
☐ Jetted ☐ Auger ☐ Cable Tool
☐ Horizontal ☐ Hand-Driven ☐ Hydraulic Pt.

Date Drilled: 4/10/2008

Drill Hole Diameter

Size ____ in., from 0 ft. to ____ ft.
Size ____ in., from ____ ft. to ____ ft.
Size ____ in., from ____ ft. to ____ ft.

Grouting (☑ as applicable)

Method: ☐ Casing ☒ Tremie ☐ Packer ☐ Halliburton ☐ Under Pressure
Type: ☒ Bentonite ☐ Neat Cement ☐ Other:
☒ Present From 0 ft. to 62 ft. From ____ ft. to ____ ft.

Casing Record (☑ as applicable)

Primary: ☐ Black Steel ☐ Galvanized ☐ Stainless
☒ PVC ☐ Not Cased ☐ Other: _____
Secondary: ☐ Telescope ☐ Liner ☐ Surface Casing
Wall Thickness _____ in.
Weight per foot _____ SDR _____
Size: 2 in., from 0 ft. to 52 ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.

Permanent Pump Data (☑ as applicable)

Pump Type: _____
Pump Diameter: _____ Outlet size: _____
Motor HP: _____ Motor RPM: _____
Pump Capacity: _____ GPM Total Dynamic Head: _____ ft.
Pump Set at: _____ ft. Pump Disinfected: ☐ Yes ☐ No
Meter Installed: ☐ Yes ☐ No Meter Size & Rating:
Casing Vent: ☐ Yes ☐ No Sample Tap: ☐ Yes ☐ No
Air Line: ☐ Yes ☐ No Depth _____ ft. Diameter _____ in.
Chemigation check valve installed: ☐ Yes ☐ No

Well Screen (if installed)

Type material Slotted PVC
Size: 2 in., from 52 ft. to 62 ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Disinfected: ☐ Yes ☐ No

Test Pump Data (☑ as applicable)

Date Tested: _____ Static water level: _____ ft. BLS
Test Pump Rated: _____ GPM _____ HP
Total Continuous Hours Tested: _____
Water Level Stabilized: ☐ Yes ☐ No
Hours before Stabilization: _____ Sustained Yield: _____ GPM
Total Drawdown: _____ ft. Specific Capacity: _____ GPM/ft.
Pumping Water Level: _____ ft.
Number of Minutes to Recover: _____
Well Developed: ☐ Yes ☐ No Well Disinfected: ☐ Yes ☐ No

Well Application or Permit Number: _____

Well Construction Description (continued)	
Protection from Pollutants (☑ if done)	**Construction Techniques (☑ if done)**
☐ Upgradient from pollutant sources	☐ Drill cuttings, materials removed ☐ Well disinfected
☐ >10 ft. sewer line ☐ > 50 ft. septic tank	☐ Casing, liner pipe joints watertight ☐ Sanitary seal
☐ >150 ft. seep pit ☐ > 100 ft. septic drain field	☐ Grouted to 10 ft. (Individual) 20-50 ft. (Irrigation, Nonpublic)
☐ > 100 ft. animal enclosure ☐ protected from runoff	☐ Concrete Curbed/Pad > 4 in. thick, extend > 2 ft., sloped
☐ casing > 2 ft. above floodplain or highest known flood	☐ Gravel pack washed, disinfected
☐ Water-bearing formations sealed if likely to be polluted	☐ Casing material new or meets national standards
☐ Health Dept. notified ☐ Health Dept. variance	☐ Well screen – optimal development, low head loss & clog

Driller's Well Log (lithologic stratigraphy)

Feet (BLS)		Type Material Encountered	Remarks	Indicate Water Bearing Zones
from	to			
0				

(If more space is required, use additional sheets. If available, submit any additional pump test data or geophysical logs.)

This well was drilled and constructed (or plugged/abandoned, if applicable) in accordance with the Georgia Water Well Standards Act, O.C.G.A. 12-5-120 *et seq.*, Georgia Groundwater Use Act, O.C.G.A. 12-5-90 *et seq.* and 12-5-105 *et seq.*, Georgia Safe Drinking Water Act, O.C.G.A. 12-5-170 *et seq.*, and applicable Georgia Department of Natural Resources' rules, regulations and guidance documents.

I certify that the information on this form (Pages 1 and 2) is correct and true to the best of my knowledge.

Joe Grantham 12/8/16

Signature of Licensed Well Contractor's Name Date

F. Joe Grantham GA 627 WD

Printed Licensed Well Contractor's Name License No.

Georgia Environmental Protection Department of Natural Resources

Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive SE, Suite 1152 East Tower, Atlanta, Georgia 30334
PHONE: (404) 656-4713

Well Completion Data Form

Report Completion Date:

For ☐ New Construction ☐ Under Repair/Modification ☐ Completed ☒ Abandoned Wells 12/5/2016

Property Owner Information

Property Owner Name: Tara Retail Holdings LLC (completed by EHS Support, LLC) | Phone: (412) 807-1494 | Email: M.Stayrook@ehs-support.com

Company / Farm / Municipality / Water System Name: Ashland, LLC / Tara Shopping Center (Former Dry Cleaner Site)

Address: 8564 Tara Boulevard, Jonesboro, Clayton County, Georgia 30236
(No. and Street) (City) (State) (Zip)

Well Contractor Information

Onsite Well Driller Name: Edward Wayman | License No. GA 627 WD | Phone: (770) 868-5407

Well Contractor Company Name: GeoLabs, Inc

Address: PO Box 1169, Dracula, GA 30019
(No. and Street) (City) (State) (Zip)

Drilling under direction of Professional Geologist or Engineer Name: Jonathan Patrick Waddell | License No. PE037262

Well Information

☐ Public Drinking ☐ Municipal ☐ Industrial ☐ Agricultural / Irrigation Well ☐ Bore/core hole ☐ Dewatering
☐ Individual Drinking ☐ Geothermal ☒ Test / Monitoring ☐ Injection ☐ Other Well Type: _____

Well Application or Permit Number: NEED
☐ Permit/Concurrence Letter On-site

Public Water System ID: _____
Public Water System Well Number: _____

County where well is located: Clayton

Latitude: N033°31'10.619" Longitude: W084°21'46.369" Elevation: 892.076

Well Construction Description

Well Drilling Information

Total depth of well: 62 ft. Below Land Surface

Static water level: 19.8 ft. BLS

Date static water level measured: 6/29/2015

☐ Rotary ☐ Percussion ☐ Bored
☐ Jetted ☐ Auger ☐ Cable Tool
☐ Horizontal ☐ Hand-Driven ☐ Hydraulic Pt.

Date Drilled: 7/25/2006

Drill Hole Diameter

Size _____ in., from 0 ft. to _____ ft.
Size _____ in., from _____ ft. to _____ ft.
Size _____ in., from _____ ft. to _____ ft.

Grouting (☑ as applicable)

Method: ☐ Casing ☒ Tremie ☐ Packer ☐ Halliburton ☐ Under Pressure
Type: ☒ Bentonite ☐ Neat Cement ☐ Other:
☐ Present From 0 ft. to 62 ft. From _____ ft. to _____ ft.

Casing Record (☑ as applicable)

Primary: ☐ Black Steel ☐ Galvanized ☐ Stainless
☒ PVC ☐ Not Cased ☐ Other: _____
Secondary: ☐ Telescope ☐ Liner ☐ Surface Casing
Wall Thickness _____ in.
Weight per foot _____ SDR _____
Size: 2 in., from 0 ft. to 52 ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.

Permanent Pump Data (☑ as applicable)

Pump Type: _____
Pump Diameter: _____ Outlet size: _____
Motor HP: _____ Motor RPM: _____
Pump Capacity: _____ GPM Total Dynamic Head: _____ ft.
Pump Set at: _____ ft. Pump Disinfected: ☐ Yes ☐ No
Meter Installed: ☐ Yes ☐ No Meter Size & Rating:
Casing Vent: ☐ Yes ☐ No Sample Tap: ☐ Yes ☐ No
Air Line: ☐ Yes ☐ No Depth _____ ft. Diameter _____ in.
Chemigation check valve installed: ☐ Yes ☐ No

Well Screen (if installed)

Type material Slotted PVC
Size: 2 in., from 52 ft. to 62 ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Disinfected: ☐ Yes ☐ No

Test Pump Data (☑ as applicable)

Date Tested: _____ Static water level: _____ ft. BLS
Test Pump Rated: _____ GPM _____ HP
Total Continuous Hours Tested: _____
Water Level Stabilized: ☐ Yes ☐ No
Hours before Stabilization: _____ Sustained Yield: _____ GPM
Total Drawdown: _____ ft. Specific Capacity: _____ GPM/ft.
Pumping Water Level: _____ ft.
Number of Minutes to Recover: _____
Well Developed: ☐ Yes ☐ No Well Disinfected: ☐ Yes ☐ No

Well Application or Permit Number: _____

Well Construction Description (continued)	
Protection from Pollutants (☑ if done)	**Construction Techniques (☑ if done)**
☐ Upgradient from pollutant sources	☐ Drill cuttings, materials removed ☐ Well disinfected
☐ >10 ft. sewer line ☐ > 50 ft. septic tank	☐ Casing, liner pipe joints watertight ☐ Sanitary seal
☐ >150 ft. seep pit ☐ > 100 ft. septic drain field	☐ Grouted to 10 ft. (Individual) 20-50 ft. (Irrigation, Nonpublic)
☐ > 100 ft. animal enclosure ☐ protected from runoff	☐ Concrete Curbed/Pad > 4 in. thick, extend > 2 ft., sloped
☐ casing > 2 ft. above floodplain or highest known flood	☐ Gravel pack washed, disinfected
☐ Water-bearing formations sealed if likely to be polluted	☐ Casing material new or meets national standards
☐ Health Dept. notified ☐ Health Dept. variance	☐ Well screen – optimal development, low head loss & clog

Driller's Well Log (lithologic stratigraphy)

Feet (BLS)		Type Material Encountered	Remarks	Indicate Water Bearing Zones
from	to			
0				

(If more space is required, use additional sheets. If available, submit any additional pump test data or geophysical logs.)

This well was drilled and constructed (or plugged/abandoned, if applicable) in accordance with the Georgia Water Well Standards Act, O.C.G.A. 12-5-120 *et seq.*, Georgia Groundwater Use Act, O.C.G.A. 12-5-90 *et seq.* and 12-5-105 *et seq.*, Georgia Safe Drinking Water Act, O.C.G.A. 12-5-170 *et seq.*, and applicable Georgia Department of Natural Resources' rules, regulations and guidance documents.

I certify that the information on this form (Pages 1 and 2) is correct and true to the best of my knowledge.

Signature of Licensed Well Contractor's Name — Date: 12/8/16

F. Joe Grantham — GA 627 WD

Printed Licensed Well Contractor's Name — License No.

Georgia Environmental Protection Department of Natural Resources

Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive SE, Suite 1152 East Tower, Atlanta, Georgia 30334
PHONE: (404) 656-4713

Well Completion Data Form

Report Completion Date:

For ☐ New Construction ☐ Under Repair/Modification ☐ Completed ☒ Abandoned Wells 12/5/2016

Property Owner Information

Property Owner Name: Tara Retail Holdings LLC (completed by EHS Support, LLC) | Phone: (412) 807-1494 | Email: Michelle.Stayrook@ehs-Support.com

Company / Farm / Municipality / Water System Name: Ashland, LLC / Tara Shopping Center (Former Dry Cleaner Site)

Address: 8564 Tara Boulevard, Jonesboro, Clayton County, Georgia 30236
(No. and Street) (City) (State) (Zip)

Well Contractor Information

Onsite Well Driller Name: Edward Wayman | License No. GA 627 WD | Phone: (770) 868-5407

Well Contractor Company Name: GeoLabs, Inc

Address: PO Box 1169, Dracula, GA 30019
(No. and Street) (City) (State) (Zip)

Drilling under direction of Professional Geologist or Engineer Name: Jonathan Patrick Waddell | License No. PE037262

Well Information

☐ Public Drinking ☐ Municipal ☐ Industrial ☐ Agricultural / Irrigation Well ☐ Bore/core hole ☐ Dewatering
☐ Individual Drinking ☐ Geothermal ☒ Test / Monitoring ☐ Injection ☐ Other Well Type: _____

Well Application or Permit Number: MW-9C
☐ Permit/Concurrence Letter On-site

Public Water System ID: _____
Public Water System Well Number: _____

County where well is located: Clayton

Latitude: N033°31'10.639" Longitude: W084°21'46.255" Elevation: 891.917

Well Construction Description

Well Drilling Information

Total depth of well: 100 ft. Below Land Surface

Static water level: 19.31 ft. BLS ft BTOC

Date static water level measured: 6/29/2015

☐ Rotary ☐ Percussion ☐ Bored
☐ Jetted ☐ Auger ☐ Cable Tool
☐ Horizontal ☐ Hand-Driven ☐ Hydraulic Pt.

Date Drilled: 4/10/2008

Drill Hole Diameter

Size ___ in., from 0 ft. to ___ ft.
Size ___ in., from ___ ft. to ___ ft.
Size ___ in., from ___ ft. to ___ ft.

Grouting (☑ as applicable)

Method: ☐ Casing ☒ Tremie ☐ Packer ☐ Halliburton ☐ Under Pressure
Type: ☒ Bentonite ☐ Neat Cement ☐ Other:
☐ Present From 0 ft. to 100 ft. From ___ ft. to ___ ft.

Casing Record (☑ as applicable)

Primary: ☐ Black Steel ☐ Galvanized ☐ Stainless
☒ PVC ☐ Not Cased ☐ Other: _____
Secondary: ☐ Telescope ☐ Liner ☐ Surface Casing
Wall Thickness ___ in.
Weight per foot ___ SDR ___
Size: 2 in., from 0 ft. to 85 ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.

Permanent Pump Data (☑ as applicable)

Pump Type: ___
Pump Diameter: ___ Outlet size: ___
Motor HP: ___ Motor RPM: ___
Pump Capacity: ___ GPM Total Dynamic Head: ___ ft.
Pump Set at: ___ ft. Pump Disinfected: ☐ Yes ☐ No
Meter Installed: ☐ Yes ☐ No Meter Size & Rating:
Casing Vent: ☐ Yes ☐ No Sample Tap: ☐ Yes ☐ No
Air Line: ☐ Yes ☐ No Depth ___ ft. Diameter ___ in.
Chemigation check valve installed: ☐ Yes ☐ No

Well Screen (if installed)

Type material Slotted PVC
Size: 2 in., from 85 ft. to 100 ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Disinfected: ☐ Yes ☐ No

Test Pump Data (☑ as applicable)

Date Tested: ___ Static water level: ___ ft. BLS
Test Pump Rated: ___ GPM ___ HP
Total Continuous Hours Tested: ___
Water Level Stabilized: ☐ Yes ☐ No
Hours before Stabilization: ___ Sustained Yield: ___ GPM
Total Drawdown: ___ ft. Specific Capacity: ___ GPM/ft.
Pumping Water Level: ___ ft.
Number of Minutes to Recover: ___
Well Developed: ☐ Yes ☐ No Well Disinfected: ☐ Yes ☐ No

Well Application or Permit Number: _____

Well Construction Description (continued)	
Protection from Pollutants (☑ if done)	**Construction Techniques (☑ if done)**
☐ Upgradient from pollutant sources	☐ Drill cuttings, materials removed ☐ Well disinfected
☐ >10 ft. sewer line ☐ > 50 ft. septic tank	☐ Casing, liner pipe joints watertight ☐ Sanitary seal
☐ >150 ft. seep pit ☐ > 100 ft. septic drain field	☐ Grouted to 10 ft. (Individual) 20-50 ft. (Irrigation, Nonpublic)
☐ > 100 ft. animal enclosure ☐ protected from runoff	☐ Concrete Curbed/Pad > 4 in. thick, extend > 2 ft., sloped
☐ casing > 2 ft. above floodplain or highest known flood	☐ Gravel pack washed, disinfected
☐ Water-bearing formations sealed if likely to be polluted	☐ Casing material new or meets national standards
☐ Health Dept. notified ☐ Health Dept. variance	☐ Well screen – optimal development, low head loss & clog

Driller's Well Log (lithologic stratigraphy)

Feet (BLS)		Type Material Encountered	Remarks	Indicate Water Bearing Zones
from	to			
0				

(If more space is required, use additional sheets. If available, submit any additional pump test data or geophysical logs.)

This well was drilled and constructed (or plugged/abandoned, if applicable) in accordance with the Georgia Water Well Standards Act, O.C.G.A. 12-5-120 *et seq.*, Georgia Groundwater Use Act, O.C.G.A. 12-5-90 *et seq.* and 12-5-105 *et seq.*, Georgia Safe Drinking Water Act, O.C.G.A. 12-5-170 *et seq.*, and applicable Georgia Department of Natural Resources' rules, regulations and guidance documents.

I certify that the information on this form (Pages 1 and 2) is correct and true to the best of my knowledge.

12/8/16

Signature of Licensed Well Contractor's Name — Date

F. Joe Grantham — GA 627 WD

Printed Licensed Well Contractor's Name — License No.

Georgia Environmental Protection Department of Natural Resources

Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive SE, Suite 1152 East Tower, Atlanta, Georgia 30334
PHONE: (404) 656-4713

Well Completion Data Form

Report Completion Date:

For ☐ New Construction ☐ Under Repair/Modification ☐ Completed ☒ Abandoned Wells 12/5/2016

Property Owner Information

Property Owner Name: Tara Retail Holdings LLC (completed by EHS Support, LLC) | Phone: (412) 807-1494 | Email: Michelle.Stayrook@ehs-Support.com

Company / Farm / Municipality / Water System Name: Ashland, LLC / Tara Shopping Center (Former Dry Cleaner Site)

Address: 8564 Tara Boulevard, Jonesboro, Clayton County, Georgia 30236
(No. and Street) (City) (State) (Zip)

Well Contractor Information

Onsite Well Driller Name: Edward Wayman | License No. GA 627 WD | Phone: (770) 868-5407

Well Contractor Company Name: GeoLabs, Inc

Address: PO Box 1169, Dracula, GA 30019
(No. and Street) (City) (State) (Zip)

Drilling under direction of Professional Geologist or Engineer Name: Jonathan Patrick Waddell | License No. PE037262

Well Information

☐ Public Drinking ☐ Municipal ☐ Industrial ☐ Agricultural / Irrigation Well ☐ Bore/core hole ☐ Dewatering
☐ Individual Drinking ☐ Geothermal ☒ Test / Monitoring ☐ Injection ☐ Other Well Type: _____

Well Application or Permit Number: MW-12A
☐ Permit/Concurrence Letter On-site

Public Water System ID: _____
Public Water System Well Number: _____

County where well is located: Clayton

Latitude: N033°31'10.615" Longitude: W084°21'45.293" Elevation: 891.28

Well Construction Description

Well Drilling Information

Total depth of well: 30 ft. Below Land Surface

Static water level: 18.36 ft. BLS ft BTOC

Date static water level measured: 6/29/2015

☐ Rotary ☐ Percussion ☐ Bored
☐ Jetted ☐ Auger ☐ Cable Tool
☐ Horizontal ☐ Hand-Driven ☐ Hydraulic Pt.

Date Drilled: 2/20/2008

Drill Hole Diameter

Size ___ in., from 0 ft. to ___ ft.
Size ___ in., from ___ ft. to ___ ft.
Size ___ in., from ___ ft. to ___ ft.

Grouting (☑ as applicable)

Method: ☐ Casing ☒ Tremie ☐ Packer ☐ Halliburton ☐ Under Pressure
Type: ☒ Bentonite ☐ Neat Cement ☐ Other:
☒ Present From 0 ft. to 30 ft. From ___ ft. to ___ ft.

Casing Record (☑ as applicable)

Primary: ☐ Black Steel ☐ Galvanized ☐ Stainless
☒ PVC ☐ Not Cased ☐ Other: _____
Secondary: ☐ Telescope ☐ Liner ☐ Surface Casing
Wall Thickness ___ in.
Weight per foot ___ SDR ___
Size: 2 in., from 0 ft. to 20 ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.

Permanent Pump Data (☑ as applicable)

Pump Type: ___
Pump Diameter: ___ Outlet size: ___
Motor HP: ___ Motor RPM: ___
Pump Capacity: ___ GPM Total Dynamic Head: ___ ft.
Pump Set at: ___ ft. Pump Disinfected: ☐ Yes ☐ No
Meter Installed: ☐ Yes ☐ No Meter Size & Rating:
Casing Vent: ☐ Yes ☐ No Sample Tap: ☐ Yes ☐ No
Air Line: ☐ Yes ☐ No Depth ___ ft. Diameter ___ in.
Chemigation check valve installed: ☐ Yes ☐ No

Well Screen (if installed)

Type material Slotted PVC
Size: 2 in., from 20 ft. to 30 ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Disinfected: ☐ Yes ☐ No

Test Pump Data (☑ as applicable)

Date Tested: ___ Static water level: ___ ft. BLS
Test Pump Rated: ___ GPM ___ HP
Total Continuous Hours Tested: ___
Water Level Stabilized: ☐ Yes ☐ No
Hours before Stabilization: ___ Sustained Yield: ___ GPM
Total Drawdown: ___ ft. Specific Capacity: ___ GPM/ft.
Pumping Water Level: ___ ft.
Number of Minutes to Recover: ___
Well Developed: ☐ Yes ☐ No Well Disinfected: ☐ Yes ☐ No

Well Application or Permit Number: _____

Well Construction Description (continued)	
Protection from Pollutants (☑ if done)	**Construction Techniques (☑ if done)**
☐ Upgradient from pollutant sources	☐ Drill cuttings, materials removed ☐ Well disinfected
☐ >10 ft. sewer line ☐ > 50 ft. septic tank	☐ Casing, liner pipe joints watertight ☐ Sanitary seal
☐ >150 ft. seep pit ☐ > 100 ft. septic drain field	☐ Grouted to 10 ft. (Individual) 20-50 ft. (Irrigation, Nonpublic)
☐ > 100 ft. animal enclosure ☐ protected from runoff	☐ Concrete Curbed/Pad > 4 in. thick, extend > 2 ft., sloped
☐ casing > 2 ft. above floodplain or highest known flood	☐ Gravel pack washed, disinfected
☐ Water-bearing formations sealed if likely to be polluted	☐ Casing material new or meets national standards
☐ Health Dept. notified ☐ Health Dept. variance	☐ Well screen – optimal development, low head loss & clog

Driller's Well Log (lithologic stratigraphy)

Feet (BLS)		Type Material Encountered	Remarks	Indicate Water Bearing Zones
from	to			
0				

(If more space is required, use additional sheets. If available, submit any additional pump test data or geophysical logs.)

This well was drilled and constructed (or plugged/abandoned, if applicable) in accordance with the Georgia Water Well Standards Act, O.C.G.A. 12-5-120 *et seq.*, Georgia Groundwater Use Act, O.C.G.A. 12-5-90 *et seq.* and 12-5-105 *et seq.*, Georgia Safe Drinking Water Act, O.C.G.A. 12-5-170 *et seq.*, and applicable Georgia Department of Natural Resources' rules, regulations and guidance documents.

I certify that the information on this form (Pages 1 and 2) is correct and true to the best of my knowledge.

Signature of Licensed Well Contractor's Name — Date: 12/8/16

F. Joe Grantham — GA 627 WD

Printed Licensed Well Contractor's Name — License No.

Georgia Environmental Protection Department of Natural Resources

Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive SE, Suite 1152 East Tower, Atlanta, Georgia 30334
PHONE: (404) 656-4713

Well Completion Data Form

Report Completion Date:

For ☐ New Construction ☐ Under Repair/Modification ☐ Completed ☒ Abandoned Wells 12/5/2016

Property Owner Information

Property Owner Name: L6-Clay Prop VI LLC (completed by EHS Support, LLC) | Phone: (412) 807-1494 | Email: Michelle.Stayrook@ehs-Support.com

Company / Farm / Municipality / Water System Name: Ashland, LLC / Tara Shopping Center (Former Dry Cleaner Site)

Address: 8596 Tara Boulevard, Jonesboro, Clayton County, Georgia 30236
(No. and Street) (City) (State) (Zip)

Well Contractor Information

Onsite Well Driller Name: Edward Wayman | License No. GA 627 WD | Phone: (770) 868-5407

Well Contractor Company Name: GeoLabs, Inc

Address: PO Box 1169, Dracula, GA 30019
(No. and Street) (City) (State) (Zip)

Drilling under direction of Professional Geologist or Engineer Name: Jonathan Patrick Waddell | License No. PE037262

Well Information

☐ Public Drinking ☐ Municipal ☐ Industrial ☐ Agricultural / Irrigation Well ☐ Bore/core hole ☐ Dewatering
☐ Individual Drinking ☐ Geothermal ☒ Test / Monitoring ☐ Injection ☐ Other Well Type: _____

Well Application or Permit Number: MW-17A
☐ Permit/Concurrence Letter On-site

Public Water System ID: _____
Public Water System Well Number: _____

County where well is located: Clayton

Latitude: N033°31'12.035" Longitude: W084°21'46.525" Elevation: 893.98

Well Construction Description

Well Drilling Information

Total depth of well: 30 ft. Below Land Surface

Static water level: 25.35 ft. BLS (ft BTOC)

Date static water level measured: 11/15/2016

☐ Rotary ☐ Percussion ☐ Bored
☐ Jetted ☐ Auger ☐ Cable Tool
☐ Horizontal ☐ Hand-Driven ☐ Hydraulic Pt.

Date Drilled: 3/30/2011

Drill Hole Diameter

Size ___ in., from 0 ft. to ___ ft.
Size ___ in., from ___ ft. to ___ ft.
Size ___ in., from ___ ft. to ___ ft.

Grouting (☑ as applicable)

Method: ☐ Casing ☒ Tremie ☐ Packer ☐ Halliburton ☐ Under Pressure
Type: ☒ Bentonite ☐ Neat Cement ☐ Other:
☐ Present From 0 ft. to 30 ft. From ___ ft. to ___ ft.

Casing Record (☑ as applicable)

Primary: ☐ Black Steel ☐ Galvanized ☐ Stainless
☒ PVC ☐ Not Cased ☐ Other: _____
Secondary: ☐ Telescope ☐ Liner ☐ Surface Casing
Wall Thickness ___ in.
Weight per foot ___ SDR ___
Size: 2 in., from 0 ft. to 20 ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.

Permanent Pump Data (☑ as applicable)

Pump Type: ___
Pump Diameter: ___ Outlet size: ___
Motor HP: ___ Motor RPM: ___
Pump Capacity: ___ GPM Total Dynamic Head: ___ ft.
Pump Set at: ___ ft. Pump Disinfected: ☐ Yes ☐ No
Meter Installed: ☐ Yes ☐ No Meter Size & Rating:
Casing Vent: ☐ Yes ☐ No Sample Tap: ☐ Yes ☐ No
Air Line: ☐ Yes ☐ No Depth ___ ft. Diameter ___ in.
Chemigation check valve installed: ☐ Yes ☐ No

Well Screen (if installed)

Type material Slotted PVC
Size: 2 in., from 20 ft. to 30 ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Disinfected: ☐ Yes ☐ No

Test Pump Data (☑ as applicable)

Date Tested: ___ Static water level: ___ ft. BLS
Test Pump Rated: ___ GPM ___ HP
Total Continuous Hours Tested: ___
Water Level Stabilized: ☐ Yes ☐ No
Hours before Stabilization: ___ Sustained Yield: ___ GPM
Total Drawdown: ___ ft. Specific Capacity: ___ GPM/ft.
Pumping Water Level: ___ ft.
Number of Minutes to Recover: ___
Well Developed: ☐ Yes ☐ No Well Disinfected: ☐ Yes ☐ No

Well Application or Permit Number: _____

Well Construction Description (continued)	
Protection from Pollutants (☑ if done)	**Construction Techniques (☑ if done)**
☐ Upgradient from pollutant sources	☐ Drill cuttings, materials removed ☐ Well disinfected
☐ >10 ft. sewer line ☐ > 50 ft. septic tank	☐ Casing, liner pipe joints watertight ☐ Sanitary seal
☐ >150 ft. seep pit ☐ > 100 ft. septic drain field	☐ Grouted to 10 ft. (Individual) 20-50 ft. (Irrigation, Nonpublic)
☐ > 100 ft. animal enclosure ☐ protected from runoff	☐ Concrete Curbed/Pad > 4 in. thick, extend > 2 ft., sloped
☐ casing > 2 ft. above floodplain or highest known flood	☐ Gravel pack washed, disinfected
☐ Water-bearing formations sealed if likely to be polluted	☐ Casing material new or meets national standards
☐ Health Dept. notified ☐ Health Dept. variance	☐ Well screen – optimal development, low head loss & clog

Driller's Well Log (lithologic stratigraphy)

Feet (BLS)		Type Material Encountered	Remarks	Indicate Water Bearing Zones
from	to			
0				

(If more space is required, use additional sheets. If available, submit any additional pump test data or geophysical logs.)

This well was drilled and constructed (or plugged/abandoned, if applicable) in accordance with the Georgia Water Well Standards Act, O.C.G.A. 12-5-120 *et seq.*, Georgia Groundwater Use Act, O.C.G.A. 12-5-90 *et seq.* and 12-5-105 *et seq.*, Georgia Safe Drinking Water Act, O.C.G.A. 12-5-170 *et seq.*, and applicable Georgia Department of Natural Resources' rules, regulations and guidance documents.

I certify that the information on this form (Pages 1 and 2) is correct and true to the best of my knowledge.

Signature of Licensed Well Contractor's Name — Date: 12/8/16

F. Joe Grantham — GA 627 WD

Printed Licensed Well Contractor's Name — License No.

Georgia Environmental Protection Department of Natural Resources

Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive SE, Suite 1152 East Tower, Atlanta, Georgia 30334
PHONE: (404) 656-4713

Well Completion Data Form

Report Completion Date:

For ☐ New Construction ☐ Under Repair/Modification ☐ Completed ☒ Abandoned Wells 12/5/2016

Property Owner Information

Property Owner Name: What A Day Adult Day Care (completed by EHS Support, LLC | Phone: (412) 807-1494 | Email: Michelle.Stayrook@ehs-Support.com

Company / Farm / Municipality / Water System Name: Ashland, LLC / Tara Shopping Center (Former Dry Cleaner Site)

Address: 8564 Tara Boulevard, Jonesboro, Clayton County, Georgia 30236
(No. and Street) (City) (State) (Zip)

Well Contractor Information

Onsite Well Driller Name: Edward Wayman | License No. GA 627 WD | Phone: (770) 868-5407

Well Contractor Company Name: GeoLabs, Inc

Address: PO Box 1169, Dracula, GA 30019
(No. and Street) (City) (State) (Zip)

Drilling under direction of Professional Geologist or Engineer Name: _____ | License No.

Well Information

☐ Public Drinking ☐ Municipal ☐ Industrial ☐ Agricultural / Irrigation Well ☐ Bore/core hole ☐ Dewatering
☐ Individual Drinking ☐ Geothermal ☒ Test / Monitoring ☐ Injection ☐ Other Well Type: _____

Well Application or Permit Number: MW-22A
☐ Permit/Concurrence Letter On-site

Public Water System ID: _____
Public Water System Well Number: _____

County where well is located: Clayton

Latitude: N033°31'06.286" Longitude: W084°21'44.189" Elevation: 883

Well Construction Description

Well Drilling Information

Total depth of well: 30 ft. Below Land Surface

Static water level: 15.73 ft. BLS (ft BTOC)

Date static water level measured: 11/14/2016

☐ Rotary ☐ Percussion ☐ Bored
☐ Jetted ☐ Auger ☐ Cable Tool
☐ Horizontal ☐ Hand-Driven ☐ Hydraulic Pt.

Date Drilled: 9/3/2014

Drill Hole Diameter

Size ___ in., from 0 ft. to ___ ft.
Size ___ in., from ___ ft. to ___ ft.
Size ___ in., from ___ ft. to ___ ft.

Grouting (☑ as applicable)

Method: ☐ Casing ☒ Tremie ☐ Packer ☐ Halliburton ☐ Under Pressure
Type: ☒ Bentonite ☐ Neat Cement ☐ Other:
☒ Present From 0 ft. to 30 ft. From ___ ft. to ___ ft.

Casing Record (☑ as applicable)

Primary: ☐ Black Steel ☐ Galvanized ☐ Stainless
☒ PVC ☐ Not Cased ☐ Other: _____
Secondary: ☐ Telescope ☐ Liner ☐ Surface Casing
Wall Thickness ___ in.
Weight per foot ___ SDR ___
Size: 2 in., from 0 ft. to 20 ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.

Permanent Pump Data (☑ as applicable)

Pump Type: ___
Pump Diameter: ___ Outlet size: ___
Motor HP: ___ Motor RPM: ___
Pump Capacity: ___ GPM Total Dynamic Head: ___ ft.
Pump Set at: ___ ft. Pump Disinfected: ☐ Yes ☐ No
Meter Installed: ☐ Yes ☐ No Meter Size & Rating:
Casing Vent: ☐ Yes ☐ No Sample Tap: ☐ Yes ☐ No
Air Line: ☐ Yes ☐ No Depth ___ ft. Diameter ___ in.
Chemigation check valve installed: ☐ Yes ☐ No

Well Screen (if installed)

Type material Slotted PVC
Size: 2 in., from 20 ft. to 30 ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Size: ___ in., from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Pack from ___ ft. to ___ ft.
Gravel Disinfected: ☐ Yes ☐ No

Test Pump Data (☑ as applicable)

Date Tested: ___ Static water level: ___ ft. BLS
Test Pump Rated: ___ GPM ___ HP
Total Continuous Hours Tested: ___
Water Level Stabilized: ☐ Yes ☐ No
Hours before Stabilization: ___ Sustained Yield: ___ GPM
Total Drawdown: ___ ft. Specific Capacity: ___ GPM/ft.
Pumping Water Level: ___ ft.
Number of Minutes to Recover: ___
Well Developed: ☐ Yes ☐ No Well Disinfected: ☐ Yes ☐ No

Well Application or Permit Number: _____

Well Construction Description (continued)	
Protection from Pollutants (☑ if done)	**Construction Techniques (☑ if done)**
☐ Upgradient from pollutant sources	☐ Drill cuttings, materials removed ☐ Well disinfected
☐ >10 ft. sewer line ☐ > 50 ft. septic tank	☐ Casing, liner pipe joints watertight ☐ Sanitary seal
☐ >150 ft. seep pit ☐ > 100 ft. septic drain field	☐ Grouted to 10 ft. (Individual) 20-50 ft. (Irrigation, Nonpublic)
☐ > 100 ft. animal enclosure ☐ protected from runoff	☐ Concrete Curbed/Pad > 4 in. thick, extend > 2 ft., sloped
☐ casing > 2 ft. above floodplain or highest known flood	☐ Gravel pack washed, disinfected
☐ Water-bearing formations sealed if likely to be polluted	☐ Casing material new or meets national standards
☐ Health Dept. notified ☐ Health Dept. variance	☐ Well screen – optimal development, low head loss & clog

Driller's Well Log (lithologic stratigraphy)

Feet (BLS)		Type Material Encountered	Remarks	Indicate Water Bearing Zones
from	to			
0				

(If more space is required, use additional sheets. If available, submit any additional pump test data or geophysical logs.)

This well was drilled and constructed (or plugged/abandoned, if applicable) in accordance with the Georgia Water Well Standards Act, O.C.G.A. 12-5-120 *et seq.*, Georgia Groundwater Use Act, O.C.G.A. 12-5-90 *et seq.* and 12-5-105 *et seq.*, Georgia Safe Drinking Water Act, O.C.G.A. 12-5-170 *et seq.*, and applicable Georgia Department of Natural Resources' rules, regulations and guidance documents.

I certify that the information on this form (Pages 1 and 2) is correct and true to the best of my knowledge.

Signature of Licensed Well Contractor's Name — Date: 12/8/16

F. Joe Grantham — GA 627 WD

Printed Licensed Well Contractor's Name — License No.

Georgia Environmental Protection Department of Natural Resources

Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive SE, Suite 1152 East Tower, Atlanta, Georgia 30334
PHONE: (404) 656-4713

Well Completion Data Form

Report Completion Date:

For ☐ New Construction ☐ Under Repair/Modification ☐ Completed ☒ Abandoned Wells 12/5/2016

Property Owner Information

Property Owner Name: What A Day Adult Day Care (completed by EHS Support, LLC | Phone: (412) 807-1494 | Email: Michelle.Stayrook@ehs-Support.com

Company / Farm / Municipality / Water System Name: Ashland, LLC / Tara Shopping Center (Former Dry Cleaner Site)

Address: 177 College Street, Jonesboro, Clayton County, Georgia 30236
(No. and Street) (City) (State) (Zip)

Well Contractor Information

Onsite Well Driller Name: Edward Wayman | License No. GA 627 WD | Phone: (770) 868-5407

Well Contractor Company Name: GeoLabs, Inc

Address: PO Box 1169, Dracula, GA 30019
(No. and Street) (City) (State) (Zip)

Drilling under direction of Professional Geologist or Engineer Name: Jonathan Patrick Waddell | License No. PE037262

Well Information

☐ Public Drinking ☐ Municipal ☐ Industrial ☐ Agricultural / Irrigation Well ☐ Bore/core hole ☐ Dewatering
☐ Individual Drinking ☐ Geothermal ☒ Test / Monitoring ☐ Injection ☐ Other Well Type: _____

Well Application or Permit Number: MW-22B
☐ Permit/Concurrence Letter On-site

Public Water System ID: _____
Public Water System Well Number: _____

County where well is located: Clayton

Latitude: W084°21'44.124" Longitude: W084°21'44.124" Elevation: 883.29

Well Construction Description

Well Drilling Information

Total depth of well: 77 ft. Below Land Surface

Static water level: 15.47 ft. BLS (ft BTOC)

Date static water level measured: 11/14/2016

☐ Rotary ☐ Percussion ☐ Bored
☐ Jetted ☐ Auger ☐ Cable Tool
☐ Horizontal ☐ Hand-Driven ☐ Hydraulic Pt.

Date Drilled: 9/3/2014

Drill Hole Diameter

Size ____ in., from 0 ft. to ____ ft.
Size ____ in., from ____ ft. to ____ ft.
Size ____ in., from ____ ft. to ____ ft.

Grouting (☑ as applicable)

Method: ☐ Casing ☒ Tremie ☐ Packer ☐ Halliburton ☐ Under Pressure
Type: ☒ Bentonite ☐ Neat Cement ☐ Other:
☒ Present From 0 ft. to 77 ft. From ____ ft. to ____ ft.

Casing Record (☑ as applicable)

Primary: ☐ Black Steel ☐ Galvanized ☐ Stainless
☒ PVC ☐ Not Cased ☐ Other: _____
Secondary: ☐ Telescope ☐ Liner ☐ Surface Casing
Wall Thickness _____ in.
Weight per foot _____ SDR _____
Size: 2 in., from 0 ft. to 67 ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.

Permanent Pump Data (☑ as applicable)

Pump Type: _____
Pump Diameter: _____ Outlet size: _____
Motor HP: _____ Motor RPM: _____
Pump Capacity: _____ GPM Total Dynamic Head: _____ ft.
Pump Set at: _____ ft. Pump Disinfected: ☐ Yes ☐ No
Meter Installed: ☐ Yes ☐ No Meter Size & Rating:
Casing Vent: ☐ Yes ☐ No Sample Tap: ☐ Yes ☐ No
Air Line: ☐ Yes ☐ No Depth _____ ft. Diameter _____ in.
Chemigation check valve installed: ☐ Yes ☐ No

Well Screen (if installed)

Type material Slotted PVC
Size: 2 in., from 67 ft. to 77 ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Disinfected: ☐ Yes ☐ No

Test Pump Data (☑ as applicable)

Date Tested: _____ Static water level: _____ ft. BLS
Test Pump Rated: _____ GPM _____ HP
Total Continuous Hours Tested: _____
Water Level Stabilized: ☐ Yes ☐ No
Hours before Stabilization: _____ Sustained Yield: _____ GPM
Total Drawdown: _____ ft. Specific Capacity: _____ GPM/ft.
Pumping Water Level: _____ ft.
Number of Minutes to Recover: _____
Well Developed: ☐ Yes ☐ No Well Disinfected: ☐ Yes ☐ No

Well Application or Permit Number: _____

Well Construction Description (continued)	
Protection from Pollutants (☑ if done)	**Construction Techniques (☑ if done)**
☐ Upgradient from pollutant sources	☐ Drill cuttings, materials removed ☐ Well disinfected
☐ >10 ft. sewer line ☐ > 50 ft. septic tank	☐ Casing, liner pipe joints watertight ☐ Sanitary seal
☐ >150 ft. seep pit ☐ > 100 ft. septic drain field	☐ Grouted to 10 ft. (Individual) 20-50 ft. (Irrigation, Nonpublic)
☐ > 100 ft. animal enclosure ☐ protected from runoff	☐ Concrete Curbed/Pad > 4 in. thick, extend > 2 ft., sloped
☐ casing > 2 ft. above floodplain or highest known flood	☐ Gravel pack washed, disinfected
☐ Water-bearing formations sealed if likely to be polluted	☐ Casing material new or meets national standards
☐ Health Dept. notified ☐ Health Dept. variance	☐ Well screen – optimal development, low head loss & clog

Driller's Well Log (lithologic stratigraphy)

Feet (BLS)		Type Material Encountered	Remarks	Indicate Water Bearing Zones
from	to			
0				

(If more space is required, use additional sheets. If available, submit any additional pump test data or geophysical logs.)

This well was drilled and constructed (or plugged/abandoned, if applicable) in accordance with the Georgia Water Well Standards Act, O.C.G.A. 12-5-120 *et seq.*, Georgia Groundwater Use Act, O.C.G.A. 12-5-90 *et seq.* and 12-5-105 *et seq.*, Georgia Safe Drinking Water Act, O.C.G.A. 12-5-170 *et seq.*, and applicable Georgia Department of Natural Resources' rules, regulations and guidance documents.

I certify that the information on this form (Pages 1 and 2) is correct and true to the best of my knowledge.

Signature of Licensed Well Contractor's Name — Date: 12/8/16

F. Joe Grantham — GA 627 WD

Printed Licensed Well Contractor's Name — License No.

Georgia Environmental Protection Department of Natural Resources

Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive SE, Suite 1152 East Tower, Atlanta, Georgia 30334
PHONE: (404) 656-4713

Well Completion Data Form

Report Completion Date:

For ☐ New Construction ☐ Under Repair/Modification ☐ Completed ☒ Abandoned Wells 12/5/2016

Property Owner Information

Property Owner Name: Roberto Garcia (completed by EHS Support, LLC) | Phone: (412) 807-1494 | Email: Michelle.Stayrook@ehs-Support.com

Company / Farm / Municipality / Water System Name: Ashland, LLC / Tara Shopping Center (Former Dry Cleaner Site)

Address: Fayetteville Road, Jonesboro, Clayton County, Georgia 30236
(No. and Street) (City) (State) (Zip)

Well Contractor Information

Onsite Well Driller Name: Edward Wayman | License No. GA 627 WD | Phone: (770) 868-5407

Well Contractor Company Name: GeoLabs, Inc

Address: PO Box 1169, Dracula, GA 30019
(No. and Street) (City) (State) (Zip)

Drilling under direction of Professional Geologist or Engineer Name: Jonathan Patrick Waddell | License No. PE037262

Well Information

☐ Public Drinking ☐ Municipal ☐ Industrial ☐ Agricultural / Irrigation Well ☐ Bore/core hole ☐ Dewatering
☐ Individual Drinking ☐ Geothermal ☒ Test / Monitoring ☐ Injection ☐ Other Well Type: _____

Well Application or Permit Number: MW-23A
☐ Permit/Concurrence Letter On-site

Public Water System ID: _____
Public Water System Well Number: _____

County where well is located: Clayton

Latitude: N033°31'10.767" Longitude: W084°21'43.454" Elevation: 888.1

Well Construction Description

Well Drilling Information

Total depth of well: 20 ft. Below Land Surface

Static water level: 18.27 ft. BLS (ft BTOC)

Date static water level measured: 11/14/2016

☐ Rotary ☐ Percussion ☐ Bored
☐ Jetted ☐ Auger ☐ Cable Tool
☐ Horizontal ☐ Hand-Driven ☐ Hydraulic Pt.

Date Drilled: 6/13/2015

Drill Hole Diameter

Size 2 in., from 0 ft. to 10 ft.
Size 2 in., from 20 ft. to _____ ft.
Size 2 in., from 20 ft. to _____ ft.

Grouting (☑ as applicable)

Method: ☐ Casing ☒ Tremie ☐ Packer ☐ Halliburton ☐ Under Pressure
Type: ☒ Bentonite ☐ Neat Cement ☐ Other:
☒ Present From 0 ft. to 20 ft. From 20 ft. to 20 ft.

Casing Record (☑ as applicable)

Primary: ☐ Black Steel ☐ Galvanized ☐ Stainless
☒ PVC ☐ Not Cased ☐ Other: _____
Secondary: ☐ Telescope ☐ Liner ☐ Surface Casing
Wall Thickness _____ in.
Weight per foot _____ SDR _____
Size: 2 in., from 0 ft. to 10 ft.
Size: _____ in., from 20 ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.

Permanent Pump Data (☑ as applicable)

Pump Type: _____
Pump Diameter: _____ Outlet size: _____
Motor HP: _____ Motor RPM: _____
Pump Capacity: _____ GPM Total Dynamic Head: _____ ft.
Pump Set at: _____ ft. Pump Disinfected: ☐ Yes ☐ No
Meter Installed: ☐ Yes ☐ No Meter Size & Rating:
Casing Vent: ☐ Yes ☐ No Sample Tap: ☐ Yes ☐ No
Air Line: ☐ Yes ☐ No Depth _____ ft. Diameter _____ in.
Chemigation check valve installed: ☐ Yes ☐ No

Well Screen (if installed)

Type material Slotted PVC
Size: 2 in., from 10 ft. to 20 ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Disinfected: ☐ Yes ☐ No

Test Pump Data (☑ as applicable)

Date Tested: _____ Static water level: _____ ft. BLS
Test Pump Rated: _____ GPM _____ HP
Total Continuous Hours Tested: _____
Water Level Stabilized: ☐ Yes ☐ No
Hours before Stabilization: _____ Sustained Yield: _____ GPM
Total Drawdown: _____ ft. Specific Capacity: _____ GPM/ft.
Pumping Water Level: _____ ft.
Number of Minutes to Recover: _____
Well Developed: ☐ Yes ☐ No Well Disinfected: ☐ Yes ☐ No

Well Application or Permit Number: _____

Well Construction Description (continued)	
Protection from Pollutants (☑ if done)	**Construction Techniques (☑ if done)**
☐ Upgradient from pollutant sources	☐ Drill cuttings, materials removed ☐ Well disinfected
☐ >10 ft. sewer line ☐ > 50 ft. septic tank	☐ Casing, liner pipe joints watertight ☐ Sanitary seal
☐ >150 ft. seep pit ☐ > 100 ft. septic drain field	☐ Grouted to 10 ft. (Individual) 20-50 ft. (Irrigation, Nonpublic)
☐ > 100 ft. animal enclosure ☐ protected from runoff	☐ Concrete Curbed/Pad > 4 in. thick, extend > 2 ft., sloped
☐ casing > 2 ft. above floodplain or highest known flood	☐ Gravel pack washed, disinfected
☐ Water-bearing formations sealed if likely to be polluted	☐ Casing material new or meets national standards
☐ Health Dept. notified ☐ Health Dept. variance	☐ Well screen – optimal development, low head loss & clog

Driller's Well Log (lithologic stratigraphy)

Feet (BLS)		Type Material Encountered	Remarks	Indicate Water Bearing Zones
from	to			
0				

(If more space is required, use additional sheets. If available, submit any additional pump test data or geophysical logs.)

This well was drilled and constructed (or plugged/abandoned, if applicable) in accordance with the Georgia Water Well Standards Act, O.C.G.A. 12-5-120 *et seq.*, Georgia Groundwater Use Act, O.C.G.A. 12-5-90 *et seq.* and 12-5-105 *et seq.*, Georgia Safe Drinking Water Act, O.C.G.A. 12-5-170 *et seq.*, and applicable Georgia Department of Natural Resources' rules, regulations and guidance documents.

I certify that the information on this form (Pages 1 and 2) is correct and true to the best of my knowledge.

Signature of Licensed Well Contractor's Name — Date: 12/8/16

F. Joe Grantham — GA 627 WD

Printed Licensed Well Contractor's Name — License No.

Georgia Environmental Protection Department of Natural Resources

Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive SE, Suite 1152 East Tower, Atlanta, Georgia 30334
PHONE: (404) 656-4713

Well Completion Data Form

Report Completion Date:

For ☐ New Construction ☐ Under Repair/Modification ☐ Completed ☒ Abandoned Wells 12/5/2016

Property Owner Information

Property Owner Name: Roberto Garcia (completed by EHS Support, LLC) | Phone: (412) 807-1494 | Email: Michelle.Stayrook@ehs-Support.com

Company / Farm / Municipality / Water System Name: Ashland, LLC / Tara Shopping Center (Former Dry Cleaner Site)

Address: Fayetteville Road, Jonesboro, Clayton County, Georgia 30236
(No. and Street) (City) (State) (Zip)

Well Contractor Information

Onsite Well Driller Name: Edward Wayman | License No. GA 627 WD | Phone: (770) 868-5407

Well Contractor Company Name: GeoLabs, Inc

Address: PO Box 1169, Dracula, GA 30019
(No. and Street) (City) (State) (Zip)

Drilling under direction of Professional Geologist or Engineer Name: Jonathan Patrick Waddell | License No. PE037262

Well Information

☐ Public Drinking ☐ Municipal ☐ Industrial ☐ Agricultural / Irrigation Well ☐ Bore/core hole ☐ Dewatering
☐ Individual Drinking ☐ Geothermal ☒ Test / Monitoring ☐ Injection ☐ Other Well Type: _____

Well Application or Permit Number: MW-23B
☐ Permit/Concurrence Letter On-site

Public Water System ID: _____
Public Water System Well Number: _____

County where well is located: Clayton

Latitude: N033°31'10.841" Longitude: W084°21'43.444" Elevation: 888.1

Well Construction Description

Well Drilling Information

Total depth of well: 69.5 ft. Below Land Surface

Static water level: 18.54 ft. BLS (ft BTOC)

Date static water level measured: 11/14/2016

☐ Rotary ☐ Percussion ☐ Bored
☐ Jetted ☐ Auger ☐ Cable Tool
☐ Horizontal ☐ Hand-Driven ☐ Hydraulic Pt.

Date Drilled: 6/13/2015

Drill Hole Diameter

Size _____ in., from 0 ft. to 59.5 ft.
Size _____ in., from _____ ft. to _____ ft.
Size _____ in., from _____ ft. to _____ ft.

Grouting (☑ as applicable)

Method: ☐ Casing ☒ Tremie ☐ Packer ☐ Halliburton ☐ Under Pressure
Type: ☒ Bentonite ☐ Neat Cement ☐ Other:
☒ Present From 0 ft. to 69.5 ft. From _____ ft. to _____ ft.

Casing Record (☑ as applicable)

Primary: ☐ Black Steel ☐ Galvanized ☐ Stainless
☒ PVC ☐ Not Cased ☐ Other: _____
Secondary: ☐ Telescope ☐ Liner ☐ Surface Casing
Wall Thickness _____ in.
Weight per foot _____ SDR _____
Size: 2 in., from 0 ft. to 59.5 ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.

Permanent Pump Data (☑ as applicable)

Pump Type: _____
Pump Diameter: _____ Outlet size: _____
Motor HP: _____ Motor RPM: _____
Pump Capacity: _____ GPM Total Dynamic Head: _____ ft.
Pump Set at: _____ ft. Pump Disinfected: ☐ Yes ☐ No
Meter Installed: ☐ Yes ☐ No Meter Size & Rating:
Casing Vent: ☐ Yes ☐ No Sample Tap: ☐ Yes ☐ No
Air Line: ☐ Yes ☐ No Depth _____ ft. Diameter _____ in.
Chemigation check valve installed: ☐ Yes ☐ No

Well Screen (if installed)

Type material Slotted PVC
Size: 2 in., from 59.5 ft. to 69.5 ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Size: _____ in., from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Pack from _____ ft. to _____ ft.
Gravel Disinfected: ☐ Yes ☐ No

Test Pump Data (☑ as applicable)

Date Tested: _____ Static water level: _____ ft. BLS
Test Pump Rated: _____ GPM _____ HP
Total Continuous Hours Tested: _____
Water Level Stabilized: ☐ Yes ☐ No
Hours before Stabilization: _____ Sustained Yield: _____ GPM
Total Drawdown: _____ ft. Specific Capacity: _____ GPM/ft.
Pumping Water Level: _____ ft.
Number of Minutes to Recover: _____
Well Developed: ☐ Yes ☐ No Well Disinfected: ☐ Yes ☐ No

Well Application or Permit Number: _____

Well Construction Description (continued)	
Protection from Pollutants (☑ if done)	**Construction Techniques (☑ if done)**
☐ Upgradient from pollutant sources	☐ Drill cuttings, materials removed ☐ Well disinfected
☐ >10 ft. sewer line ☐ > 50 ft. septic tank	☐ Casing, liner pipe joints watertight ☐ Sanitary seal
☐ >150 ft. seep pit ☐ > 100 ft. septic drain field	☐ Grouted to 10 ft. (Individual) 20-50 ft. (Irrigation, Nonpublic)
☐ > 100 ft. animal enclosure ☐ protected from runoff	☐ Concrete Curbed/Pad > 4 in. thick, extend > 2 ft., sloped
☐ casing > 2 ft. above floodplain or highest known flood	☐ Gravel pack washed, disinfected
☐ Water-bearing formations sealed if likely to be polluted	☐ Casing material new or meets national standards
☐ Health Dept. notified ☐ Health Dept. variance	☐ Well screen – optimal development, low head loss & clog

Driller's Well Log (lithologic stratigraphy)

Feet (BLS)		Type Material Encountered	Remarks	Indicate Water Bearing Zones
from	to			
0				

(If more space is required, use additional sheets. If available, submit any additional pump test data or geophysical logs.)

This well was drilled and constructed (or plugged/abandoned, if applicable) in accordance with the Georgia Water Well Standards Act, O.C.G.A. 12-5-120 *et seq.*, Georgia Groundwater Use Act, O.C.G.A. 12-5-90 *et seq.* and 12-5-105 *et seq.*, Georgia Safe Drinking Water Act, O.C.G.A. 12-5-170 *et seq.*, and applicable Georgia Department of Natural Resources' rules, regulations and guidance documents.

I certify that the information on this form (Pages 1 and 2) is correct and true to the best of my knowledge.

Joe Grantham 12/8/16

Signature of Licensed Well Contractor's Name Date

F. Joe Grantham GA 627 WD

Printed Licensed Well Contractor's Name License No.

APPENDIX E
Professional Certification

CERTIFICATION

"I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.

The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Jonathan Patrick Waddell, PE037262 — 01/31/2017

Printed Name and GA PE/PG — Number — Date

Signature and Stamp

GEORGIA
REGISTERED
No. PE037262
PROFESSIONAL
ENGINEER
JONATHAN PATRICK WADDELL