



9874 Main Street  
Suite 100  
Woodstock, GA 30188  
Telephone 770-926-8883  
Fax 770-926-5383  
[www.atcgroupservices.com](http://www.atcgroupservices.com)

May 30, 2018

Mr. David Brownlee  
Georgia Environmental Protection Division  
Hazardous Sites Response Program  
2 Martin Luther King, Jr. Drive, SE  
Atlanta, Georgia 30334-9000

**RE: Voluntary Remediation Program Semiannual Progress Report No. 5**  
**Pilot Wastewater Treatment Plant - LaGrange**  
**2990 Whitesville Road (Georgia State Highway 219)**  
**LaGrange, Troup County, Georgia**  
**HSI Site No. 10929**  
**ATC Project No. 2722218800/00**

Dear Mr. Brownlee:

On the behalf of Pilot Flying J Travel Centers (Pilot), ATC Group Services LLC (ATC) is pleased to submit the attached Voluntary Remediation Program (VRP) Semiannual Progress Report No. 5 for the above-reference site.

If you have any questions or comments regarding this submittal, please contact Joey Cupp of Pilot at 865.474.2826, or Max Burmeister of ATC at 770.926.8883, extension 126.

Respectfully,

**ATC GROUP SERVICES LLC**

A handwritten signature in blue ink that reads "Richard A. Stevens".

Richard A. Stevens  
Project Manager

A handwritten signature in blue ink that reads "Max Burmeister".

Max Burmeister  
Program Manager

Attachments

c: Joey Cupp, Pilot



## VOLUNTARY REMEDIATION PROGRAM SEMIANNUAL PROGRESS REPORT NO. 5

**PILOT WASTEWATER TREATMENT PLANT - LAGRANGE  
2990 WHITESVILLE ROAD (GEORGIA STATE HIGHWAY 219)  
LAGRANGE, TROUP COUNTY, GEORGIA**

**HSI SITE NO. 10929  
ATC PROJECT NO. 2722218800**

**Prepared For**  
Mr. Joey Cupp  
Pilot Travel Centers, LLC  
5508 Lonas Road  
Knoxville, Tennessee 37909

**Prepared By**  
ATC Group Services LLC  
9874 Main Street, Suite 100  
Woodstock, Georgia 30188  
Phone: (770) 926-8883  
Fax: (770) 926-5384  
[www.atcgroupservices.com](http://www.atcgroupservices.com)

**May 30, 2018**

  
Richard Stevens  
Project Manager

  
Max Burmeister  
Program Manager

  
Kenneth Perignat, P.E.  
Senior Engineer  
Georgia Professional Engineer No. 32249

**TABLE OF CONTENTS**

1.0	BACKGROUND.....	1
2.0	ENVIRONMENTAL ACTIVITIES .....	6
2.1	Liquid Level Monitoring .....	6
2.2	Groundwater Sampling .....	6
2.3	Waste Water Treatment Plant Outfall Sampling .....	8
3.0	RECOMMENDATIONS .....	8

**FIGURES**

- |          |                                       |
|----------|---------------------------------------|
| Figure 1 | Site Location Map                     |
| Figure 2 | Site Map                              |
| Figure 3 | Potentiometric Map for April 17, 2018 |
| Figure 4 | Groundwater Quality Summary Map       |
| Figure 5 | Proposed Monitoring Well Location Map |

**TABLES**

- |         |   |
|---------|---|
| Table 1 | Summary of Soil Analytical Results - Volatile Organic Compounds             |
| Table 2 | Summary of Soil Analytical Results - Semi-Volatile Organic Compounds        |
| Table 3 | Summary of Soil Analytical Results - Metals                                 |
| Table 4 | Summary of Liquid Level Gauging Data  |
| Table 5 | Summary of Groundwater Analytical Results - Volatile Organic Compounds      |
| Table 6 | Summary of Groundwater Analytical Results - Semi-Volatile Organic Compounds |
| Table 7 | Summary of Groundwater Analytical Results - Total and Dissolved Metals      |

**ATTACHMENTS**

- |              |                    |
|--------------|--------------------|
| Attachment A | Field Sample Logs  |
| Attachment B | Analytical Reports |

## 1.0 BACKGROUND

Pilot Site No. 069 Waste Water Treatment Plant (WWTP) is located at 2990 Whitesville Road (Georgia State Highway 219) in LaGrange, Troup County, Georgia. The subject property is described as Lot 236 of the Sixth District in LaGrange, Troup County, Georgia, with access available via Whitesville Road (Georgia Highway 219). The site, currently owned by Pilot Travel Centers (Pilot), is comprised of approximately 4.24 acres and is improved with a WWTP and associated sludge pond, which services the following local commercial properties: Arby's Restaurant, Day's Inn Motel, Georgia Travel Center, McDonalds Oil Company, Pezold Management property, Ryder Truck Facility No. 217, Waffle House No. 646, and Pilot Travel Center No. 069. A site location and topographical map is presented as **Figure 1**. A site map presenting the WWTP and sludge pond vicinity of the site is included as **Figure 2**.

Pilot purchased the property on November 14, 2011, and historically, the associated sludge pond was utilized for the disposal of sludge waste generated during operation and maintenance (O&M) associated with the on-site WWTP. However, this practice was discontinued in late 2013, at the request of the Georgia Environmental Protection Division (GEPD) to the plant operator, Mr. David Bleigh.

At the request of the GEPD, initial interim remedial activities were conducted in March 2014, following the observance of soil staining along the outer edges of the sludge pond and several areas in the surrounding vicinity. It has been determined that the staining may likely be contributed to the flooding of the south adjacent creek, resulting in mobilization of the constituents confined within the sludge pond. Upon receiving notification of the occurrence, and following discussions with the GEPD personnel, Pilot initiated emergency closure activities, which included the analysis of the sludge layer within the pond slated for disposal, solidification, and removal of the sludge located within the pond, and excavation of the pond subgrade soils along the bottom and sidewalls of the pond, to a depth of approximately 14 feet below ground surface (BGS).

Excavation and transportation of impacted sludges and soils were performed by Alexander's Industrial Service of Phenix City, Alabama. Approximately 4,610.79 tons of soil and solidified sludges were removed from the sludge pond and disposed of at the Salem Landfill in Opelika, Alabama. Upon completion of the excavation activities, seventeen sidewall samples (sample locations on figures indicated by prefix SW) were collected. A review of the soil analytical data indicated that elevated concentrations of 1,4-dioxane were detected in several of the sidewall samples. The excavation and confirmation sampling activities were summarized in the subsequent Release Notification.

A Release Notification dated May 15, 2014, which summarized the initial response, excavation, and confirmation sampling activities, was submitted to the GEPD Hazardous Sites Response

Program. This response indicated that an impact to soil and groundwater by 1,4-dioxane had been detected in soil and water samples collected from the vicinity of the sludge pond.

The GEPD issued a “Request for Additional Work” correspondence dated June 30, 2014, indicating that additional assessment activities were required, prior to providing the Georgia Hazardous Site Inventory (HSI) listing of the site. The GEPD indicated that clarification on the following aspects of the WWTP impact, as indicated in the Release Notification and initial impact abatement (excavation activities), was required as follows:

- Chemical analysis of the sodium polyacrylate solidification agent;
- Continued excavation of the sludge pond, due to elevated 1,4-dioxane concentrations detected in sidewall samples SW-1 through SW-6 and SW-8 through SW-17;
- Additional soil sampling from the sludge pond floor and from the overflow areas of the sludge pond area;
- Installation and sampling of four permanent monitoring wells located north, south, east, and west of the sludge pond, to delineate the 1,4-dioxane impact to groundwater;
- Further investigation of the WWTP effluent piping and rerouting past the sludge pond to the creek;
- Further investigation of the manhole structure, which is reported to feed wastewater to the WWTP;
- Provide information of the WWTP influent by obtaining laboratory analysis of samples; and
- A survey of the WWTP connections and the facilities which it services.

Pangean-CMD Associates, Inc., (Pangean-CMD) issued Request for Additional Work Response dated September 4, 2014. In addressing the GEPD comments, Pangean-CMD offered the following responses:

- Following submittal of a sample of the sodium polyacrylate, the analytical laboratory, Accutest Laboratories Southeast, in Orlando, Florida, issued a letter indicating that analytical testing of the compound was not conducive to laboratory testing, due to its hydrophilic properties;
- An additional ten soil borings (SB-1 through SB-10) were installed in August 2014, to further delineate the shallow surface impact, due to the overspill of the sludge pond. A total of twenty soil samples were submitted for laboratory analysis of VOCs, SVOCs, and metals. Elevated concentrations of 1,4-dioxane (concentrations reported above the laboratory detection limits) were detected in fifteen of the submitted soil samples;

- Pangean-CMD asserted that additional sampling of the sludge pond floor (bottom) was proving problematic in obtaining a viable sample, due to local drilling vendor equipment availability and capabilities. Previous sampling indicated that 1,4-dioxane was not detected at depths below 20 feet BGS;
- Pangean-CMD noted that, based on the physical properties of the 1,4-dioxane, notably its affinity to be miscible in water and lack of adsorption to soil particles, additional excavation of soils is not a feasible approach in mitigation of the 1,4-dioxane impact in the sludge pond area;
- Additional soil sampling was conducted in the vicinity of the overspill areas. A total of six surficial soil samples (SS-1 through SS-6) were collected and submitted to Accutest Laboratories Southeast for analysis. Surface soil sample locations are presented on **Figure 3**. Laboratory analysis reported that concentrations of volatile organic compounds (VOCs) (including 1,4-dioxane), semi-volatile organic compounds (SVOCs), and metals were below Tier 1 Risk Reduction Standards (RRS) concentrations;
- Four permanent groundwater monitoring wells (MW-1 through MW-4) were installed at the site in August 2014 located north, south, east, and west of the sludge pond vicinity. Laboratory analysis of groundwater samples obtained on August 15, 2014, indicated that elevated concentrations of 1,4-dioxane were detected in all four wells. The greatest concentration of 155,000 µg/L was reported in the groundwater sample obtained from MW-4, located between the sludge pond and the creek outfall;
- Investigation of the WWTP discharge pipe indicated that the outfall piping had been repaired and routed along the western portion of the sludge pond to the current outfall at the creek; and
- Waste water sampling was conducted on the WWTP influent water and submitted for laboratory analysis of VOCs, SVOCs, and metals to Accutest Laboratories Southeast. Laboratory analysis of the wastewater sample indicated that all constituents were less than established maximum contaminant limits (MCLs) and/or Tier 1 RRS concentrations.

Pilot supplied a list of WWTP connections noting that all connections serviced commercial properties located near the I-85 service area and unauthorized residential connections were not known to exist at that time.

Pangean-CMD issued the correspondence titled Request for Additional Work Response - Semi-Volatiles Data, dated October 21, 2014. This correspondence incorporated additional soil analytical data for the SVOC analysis of soil samples obtained at the site.

The GEPD issued notice that the site had been listed to the Georgia HSI and issued Site Number 10929, on December 17, 2014. This listing notes that the site has been designated as Class II, indicating that further investigatory activities are required. The site was noted for impact to soil and groundwater by 1,4-dioxane, and to soil by aniline in concentrations exceeding the reportable quantities.

The GEPD issued the correspondence titled Compliance Status Call-in, dated January 30, 2015, in which to discuss the direction in which remedial actions would be conducted by Pilot at the site.

Environmental Compliance Services, Inc. (ECS), formerly known as Pangean-CMD, issued a Compliance Status Report Call-in correspondence dated March 31, 2015. This correspondence stated that Pilot had elected to submit the Voluntary Investigation and Remediation Program (VIRP) application and conduct investigatory and remedial actions under the State of Georgia Voluntary Remediation Plan (VRP) regulations. The VIRP application was submitted to the GEPD on July 28, 2015.

The GEPD approved the application in correspondence dated November 6, 2015, and also reclassified the site as Class V from Class II, designating the site as needing corrective action. In a separate correspondence letter, also dated November 6, 2015, the GEPD listed supplemental comments in regards to the VIRP application.

On December 21, 2015, Pilot filed an affidavit stating the property had been listed on the state's HSI and designated as needing corrective action, due to the presence of hazardous wastes, hazardous constituents, or hazardous substances regulated under state law.

Voluntary Remediation Program Semiannual Report No. 1 summarized the installation of seven monitoring wells (MW-5 through MW-11) that were installed in March 2016, to further evaluate the horizontal groundwater extent of 1,4-dioxane. Upon the completion of the well installation activities, a comprehensive groundwater sampling event was conducted on all eleven monitoring wells associated with this site. Additionally, four sediment and surface water samples were collected from Long Cane Creek, along with two surface water samples from the on-site retention pond. Review of the analytical data collected for the sediment samples indicated the COCs either below analytical detection limits or below their respective standard. The results of the 1,4-dioxane analysis collected from the six surface water samples were below analytical detection limits. However, the samples collected from the newly installed monitoring wells did not adequately define the horizontal extent of this compound. To further define the extent of 1,4-dioxane in groundwater, the installation of six additional monitoring wells were proposed. Also summarized in the Semiannual Report No. 1 were the results of the sampling from four potable wells (104 Murphy Road, 123 Murphy Road, 89 Murphy Road, and 143 Murphy Road). All concentrations of compounds analyzed were below analytical detection limits, with the exception of lead, which is likely naturally occurring in the area. The April 22, 2016, sample collected from the outfall of the WWTP reported a dissolved-phase 1,4-dioxane concentration of 1.3 µg/L. It is unclear as to the origin of this compound in the discharge; but, additional samples to be collected upstream were proposed, to attempt to identify the possible upstream origin.

Voluntary Remediation Program Semiannual Report No. 2 summarized the installation of six monitoring wells (MW-12 through MW-17) and three piezometers (PZ-1 through PZ-3) that were installed in September 2016, to further evaluate the horizontal groundwater extent of 1,4-dioxane. Historical soil analytical results are summarized in **Tables 1, 2, and 3**. Upon the completion of the well installation activities, a comprehensive groundwater sampling event was conducted on all seventeen monitoring wells and the three piezometers associated with this site. Comparing data from the October 2016 event to the previous event conducted in March 2016, concentrations of 1,4-dioxane were reported to have either decreased or remained stable in the majority of the monitoring wells sampled during both events. However, concentrations of 1,4-dioxane were reported to have increased between events in the samples collected from MW-4, MW-7, and MW-10. Additionally, surface water samples were collected from Long Cane Creek, along with two surface water samples from the former sludge pond. The results of the 1,4-dioxane analysis collected from the surface water samples from the creek were below analytical detection limits. However, the surface water samples collected from the former sludge pond revealed a 1,4-dioxane concentration of 4,110 µg/L and 3,050 µg/L. The upstream samples from the wastewater treatment plant outfall collected in May 2016 were inconclusive to determine the origin of the 1,4-dioxane compound. Concentrations were detected in each sample collected. Research on the 1,4-dioxane compound indicates that it is prevalent in detergents and as a result, it is possible that the concentrations detected at the treatment plant may be attributed to the use of detergents from normal business operations from some of the upstream companies utilizing the wastewater treatment plant.

Voluntary Remediation Program Semiannual Report No. 3 summarized the comprehensive groundwater sampling event that was conducted on all seventeen monitoring wells and the three piezometers associated with this site. Comparing data from the March 2017 event to the previous event conducted in October 2016, concentrations of 1,4-dioxane were reported to have either decreased or remained stable in the majority of the monitoring wells sampled during both events. However, concentrations of 1,4-dioxane were reported to have increased between events in the samples collected from MW-2, MW-11, MW-12, MW-15, and PZ-1. Additionally, surface water samples were collected from Long Cane Creek, along with two surface water samples from the former sludge pond. The results of the 1,4-dioxane analysis collected from the surface water samples from the creek were below analytical detection limits. The surface water samples collected from the former sludge pond revealed a 1,4-dioxane concentration of 255 µg/L and 286 µg/L.

Voluntary Remediation Program Semiannual Report No. 4 summarized the comprehensive groundwater sampling event was conducted on all seventeen monitoring wells and the three piezometers associated with this site. Comparing data from the October 2017 event to the previous event conducted in March 2017, concentrations of 1,4-dioxane were reported to have either decreased or remained stable in approximately half of the samples collected. Concentrations of 1,4-dioxane were reported to have increased between events in the samples

collected from MW-3, MW-7, MW-8, MW-11 through MW-15, PZ-1, and PZ-3. Additionally, surface water samples were collected from Long Cane Creek, along with two surface water samples from the former sludge pond. The results of the 1,4-dioxane analysis collected from the surface water samples from the creek and from the former sludge pond were below analytical detection limits.

This Voluntary Remediation Program Semiannual Report No. 5 summarizes the results of the comprehensive gauging and groundwater sampling event, the surface water sampling, and the WWTP effluent sampling during this monitoring period.

## **2.0 ENVIRONMENTAL ACTIVITIES**

### **2.1 Liquid Level Monitoring**

Between April 17 and April 20, 2018, ATC Group Services LLC (ATC), formerly known as ECS, conducted a groundwater gauging and sampling event. Liquid levels were measured in monitoring wells MW-1 through MW-17 and PZ-1 through PZ-3, to document the presence of non-aqueous phase liquid (NAPL), determine the potentiometric surface, and estimate groundwater flow conditions. Liquid levels were obtained, using an electronic optical interface probe (IP) that is capable of distinguishing NAPL from groundwater. The IP was properly decontaminated, before each measuring event. Liquid levels were measured to the nearest 0.01 foot from the top of each well casing, so that they could be directly compared to a common datum. Measurements made in the field include depth to groundwater, depth to NAPL (if present), and depth to the bottom of each well. If NAPL was detected by the IP, a clear, disposable bailer was used to obtain a sample from the well for visual confirmation.

During the April 2018 event, depth to groundwater was measured to have ranged from 2.47 feet below top of casing (BTOC) in monitoring well MW-12 to 7.24 feet BTOC in monitoring well MW-2. NAPL was not detected. Liquid level data collected during this period, as well as data collected from previous gauging events, are summarized in **Table 4**. The potentiometric surface map for the April 17, 2018, gauging event is illustrated on **Figure 3**.

### **2.2 Groundwater Sampling**

Monitoring wells MW-1 through MW-17, piezometers PZ-1 through PZ-3, four Long Cane Creek surface water samples (identified as SW-1 through SW-4), and two retention pond samples (identified as SW-5 and SW-6) were collected between April 17 and 20, 2018. Each monitoring well was purged by removing a minimum of three well volumes of water, or until dry, to ensure that groundwater samples were representative of subsurface conditions. Following sufficient recharge, groundwater samples were collected using dedicated, disposable bailers and bailer cord. The water samples were collected into laboratory-supplied, pre-preserved, glass

containers and submitted to SGS Accutest Southeast in Orlando, Florida, under proper chain of custody protocol. The samples were analyzed for dissolved-phase VOCs, SVOCs, and metals, to include only those constituents of concern (COC) that have been previously reported to be greater than their respective RRS concentration. For the water samples, the following COCs were analyzed:

- Bromochloromethane
- Bromodichloromethane
- Tert-butylbenzene
- Chloroform
- 1,4-Dioxane
- Ethyl Alcohol
- 2-Hexanone
- 4-Methyl-2-pentanone
- Methyl Tertiary-Butyl Ether
- 1,2,4-Trimethylbenzene
- 1,3,5-Trimethylbenzene
- Benzoic Acid
- 3&4-Methylphenol
- Benzyl Alcohol
- Total Barium
- Total Cobalt
- Total Lead
- Dissolved Cobalt
- Dissolved Lead

A summary of the historical and current groundwater analyses are presented in **Tables 5, 6, and 7** and are illustrated on **Figure 4**. The field sample logs are included in **Attachment A**. The groundwater analytical report is included in **Attachment B**.

Review of the laboratory analysis of the April 2018 sampling event indicated that 1,4-dioxane concentrations were reported to exceed laboratory detection limits in monitoring wells MW-2, MW-3, MW-4, MW-7 through MW-15, PZ-1, and PZ-3, with concentrations ranging from 85.4 (J) micrograms per liter ( $\mu\text{g}/\text{L}$ ) in MW-3 to 28,200  $\mu\text{g}/\text{L}$  in MW-14. 1,4-dioxane was reported to be less than analytical detection limits in the surface water samples collected from Long Cane Creek and the on-site retention pond. Total lead concentration reported in wells MW-12 (36.0  $\mu\text{g}/\text{L}$ ) and PZ-2 (16.5  $\mu\text{g}/\text{L}$ ) were reported to exceed the RRS value of 15  $\mu\text{g}/\text{L}$ . Dissolved lead concentration reported in well MW-12 (31.9  $\mu\text{g}/\text{L}$ ) and in MW-14 (16.7  $\mu\text{g}/\text{L}$ ) were reported to exceed the RRS value of 15  $\mu\text{g}/\text{L}$ . Remaining COCs, with an established RRS, were not reported to have been exceeded. However, there were several COCs without an established RRS that reported detectable concentrations. This was observed for bromodichloromethane, tert-butylbenzene, chloroform, MTBE, total cobalt, and dissolved cobalt.

## 2.3 Waste Water Treatment Plant Outfall Sampling

A sample from the WWTP outfall was collected monthly and submitted to SGS Accutest in Orlando, Florida, under proper chain of custody for the analysis of 1,4-dioxane. Samples during this reporting period were collected on November 30 and December 27, 2017, and January 30, March 2, March 30, and May 1, 2018. Note: the WWTP effluent is setup in which discharged water is directed to a sump, prior to being discharged to Long Cane Creek. The samples collected during this reporting period were obtained from the sump. Data for the analytical results are summarized in **Table 5**. A review of the data indicates the 1,4-dioxane concentration ranged from 0.58 (J) µg/L on January 30, 2018, to 9.1 µg/L on March 2, 2018. The analytical reports for the effluent samples are included in **Attachment B**.

## 3.0 RECOMMENDATIONS

During this reporting period, a comprehensive groundwater sampling event was conducted on all seventeen monitoring wells and the three piezometers associated with this site. Comparing data from the April 2018 event to the previous event conducted in October 2017, concentrations of 1,4-dioxane were reported to have either decreased or remained stable in approximately half of the samples collected. Concentrations of 1,4-dioxane were reported to have increased between events in the samples collected from MW-2, MW-4, MW-7 through MW-12, MW-14, and PZ-3. Additionally, surface water samples were collected from Long Cane Creek, along with two surface water samples from the former sludge pond. The results of the 1,4-dioxane analysis collected from the surface water samples from the creek and from the former sludge pond were below analytical detection limits.

To further access the 1,4-dioxane concentration found at the site, ATC will install a total of four double-cased monitoring wells (DW-1 through DW-4) to analyze the groundwater at specific depths. Well DW-1 will be installed with a 4-inch diameter outer casing, to a depth of approximately 30 feet BGS. A 2-inch diameter casing well will then be installed and screened from approximately 30 to 40 feet BGS. Wells DW-2 and DW-3 will be installed with a 4-inch diameter outer casing, to a depth of approximately 20 feet BGS. A 2-inch diameter casing well will then be installed and screened from approximately 20 to 30 feet BGS. Well DW-4 will be installed with a 4-inch diameter outer casing, to a depth of approximately 10 feet BGS. A 2-inch diameter casing well will then be installed and screened from approximately 10 to 15 feet BGS.

Three additional conventional monitoring wells (MW-18 through MW-20) are proposed to be installed on the adjacent property across Long Cane Creek, to assist in determining if the surface water body is a gaining or losing stream. Each well will be installed as a 2-inch diameter monitoring well, to a depth of approximately 10 feet BGS. The wells will be installed as closely as possible to be directly in line with on-site wells MW-14, MW-15, and MW-16, so

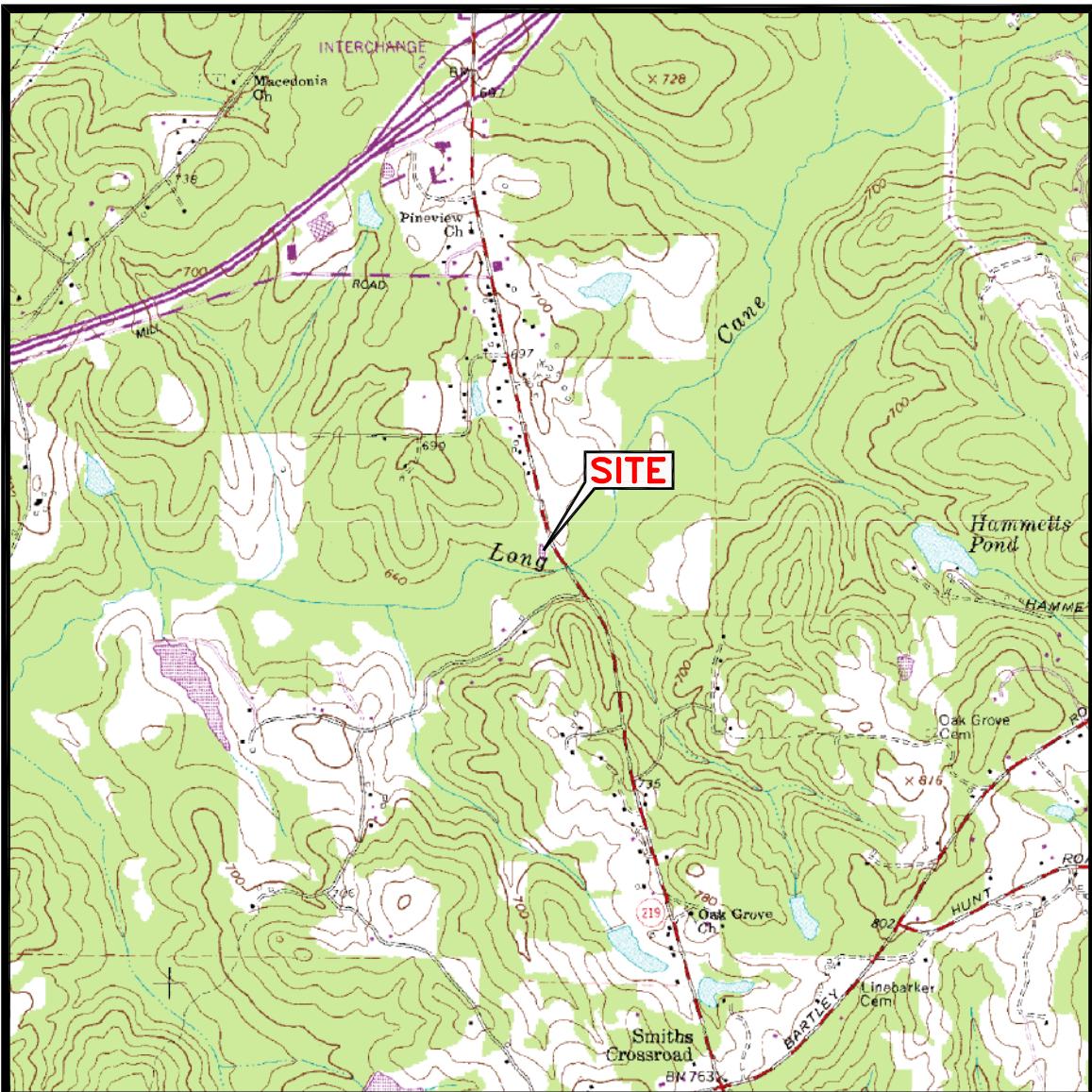
the data can be directly compared to these wells. The access agreement to the property owner has been submitted and the wells will be installed upon approval.

The proposed locations of the wells to be installed are summarized on **Figure 5**. A groundwater sample will be collected from each additional monitoring well, once they have been installed. The additional data collected will be used in developing the Corrective Action Plan.

The next comprehensive semiannual sampling event at this facility will be scheduled and completed in October 2018, with the progress report submitted in November 2018.

## **FIGURES**

---



SOURCE: U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP

MAP SOURCE: 7.5 MINUTE SERIES, HILYER, GEORGIA, 1985  
 MAP SOURCE: 7.5 MINUTE SERIES, CANNONVILLE, GEORGIA, 1984  
 MAP SOURCE: 7.5 MINUTE SERIES, MOUNTVILLE, GEORGIA, 1982  
 MAP SOURCE: 7.5 MINUTE SERIES, LAGRANGE, GEORGIA, 1982



QUAD LOCATION

SCALE 1:24,000

0 2,000 4,000  
 SCALE FEET



FIGURE TITLE:

### SITE LOCATION MAP

DATE:

5-16-14

PROJECT NO.:

27-222188.00

FIGURE:

1

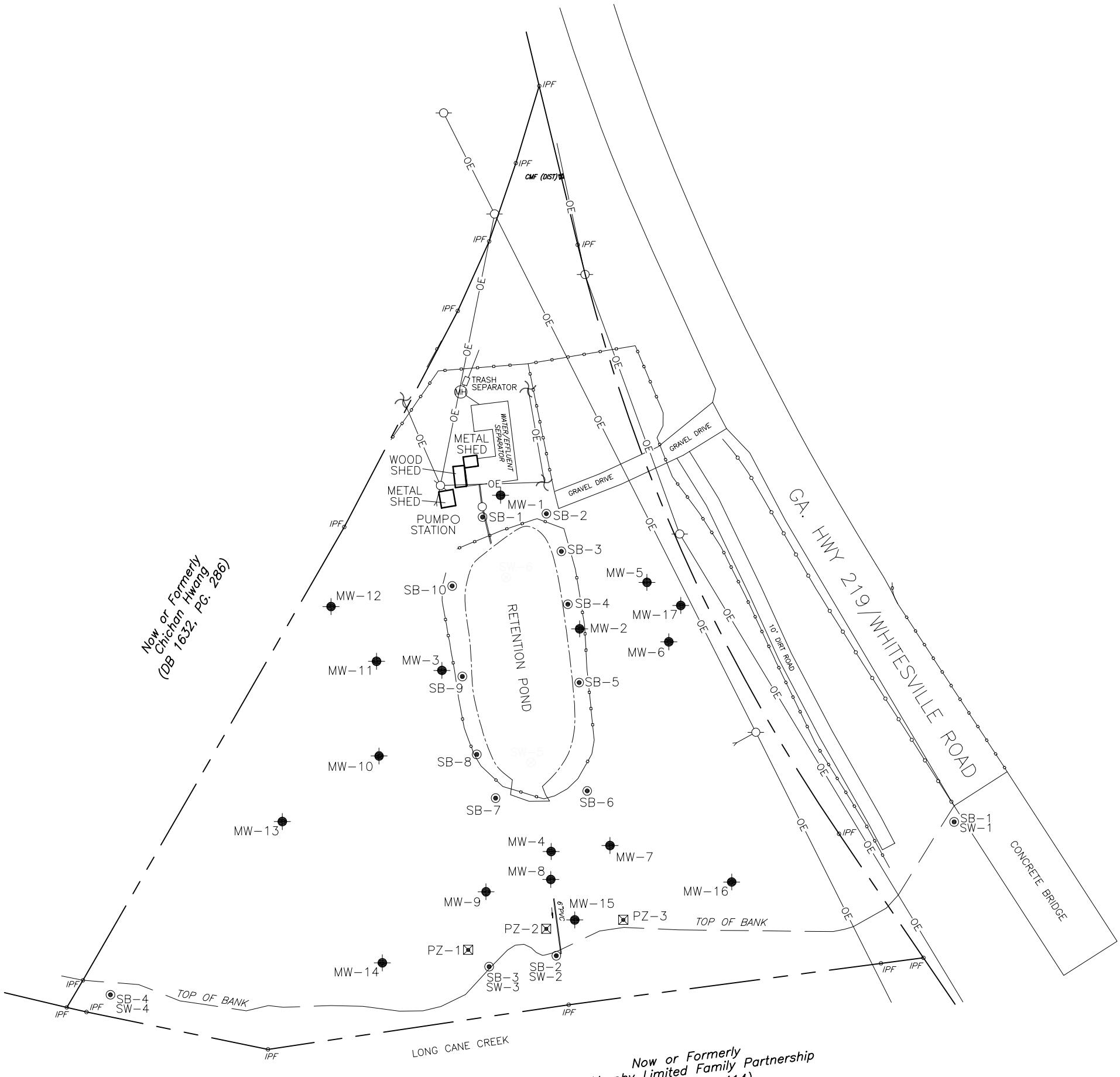
ADDRESS:

PILOT SITE NO. 69  
 2990 WHITESVILLE ROAD  
 LAGRANGE, GEORGIA

**ATC**

## LEGEND

- MONITORING WELL LOCATION
  - ◻ PIEZOMETER WELL LOCATION
  - ⊗ SURFACE WATER SAMPLE LOCATION
  - ◎ SOIL BORING LOCATION
  - IPF IRON PIN FOUND
  - - - PROPERTY LINE
  - GUARD RAIL
  - CHAIN LINK FENCE
  - OE— OVERHEAD ELECTRIC LINE
  - POWER POLE
  - ㄣ LIGHT POLE
  - (MH) MANHOLE



Now or Formerly  
The Murphy Limited Family Partnership  
(Db 812, PG. 414)

NAME/ADDRESS:  
**PILOT SITE NO. 69**  
2990 WHITESVILLE ROAD  
LAGRANGE, GEORGIA

**DRAWING TITLE**

## SITE MAP



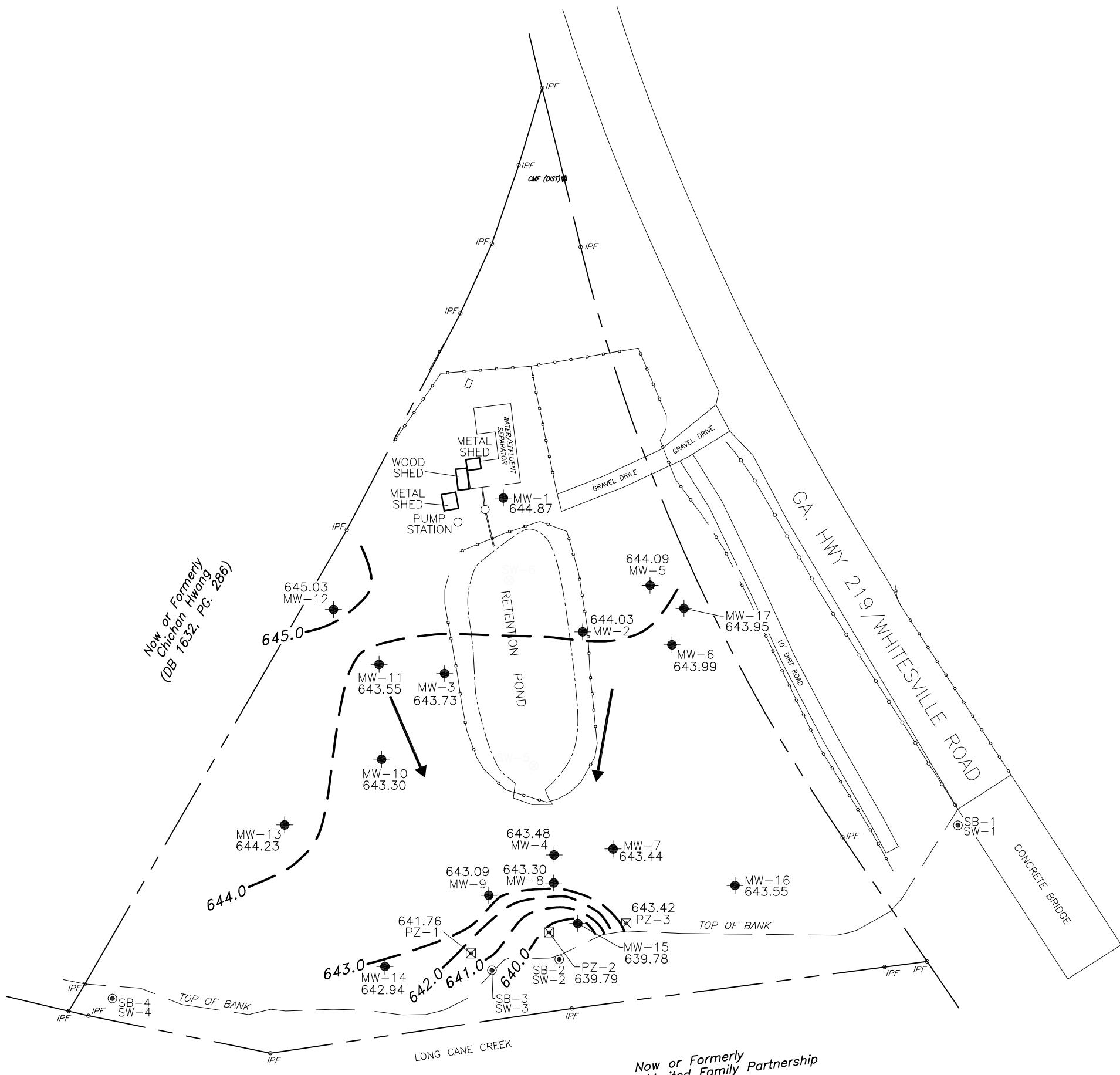
9874 Main Street, Ste 100  
Woodstock, Georgia  
(770) 926-8883  
(770) 926-5383 FAX

DRAWN BY:	EL	FIG
CHECKED BY:	RS	
PROJECT NO.	27-222188.00	

2

LEGEND

- MONITORING WELL LOCATION
- ◻ PIEZOMETER WELL LOCATION
- ⊗ SURFACE WATER SAMPLE LOCATION
- ◎ SOIL BORING LOCATION
- IPF IRON PIN FOUND
- PROPERTY LINE
- GUARD RAIL
- CHAIN LINK FENCE
- 644.09 GROUNDWATER ELEVATION IN FEET  
RELATIVE TO A COMMON DATUM
- 644.0 CONTOUR LINE OF ESTIMATED EQUAL  
GROUNDWATER ELEVATION IN FEET  
RELATIVE TO A COMMON DATUM
- ← APPROXIMATE GROUNDWATER FLOW DIRECTION



0 Approximate Feet 80

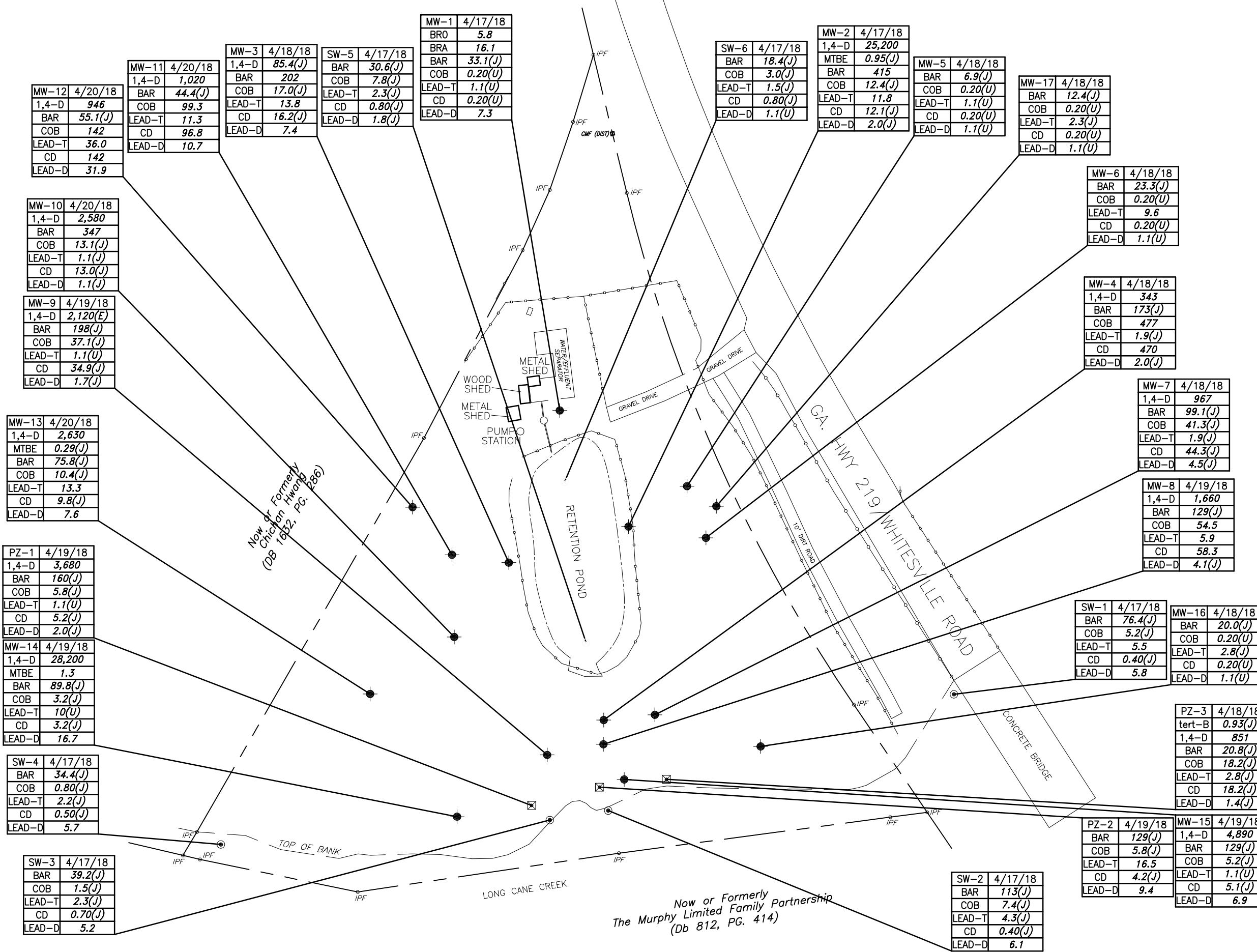
NAME/ADDRESS:	<b>PILOT SITE NO. 69</b> 2990 WHITESVILLE ROAD LAGRANGE, GEORGIA	
DRAWING TITLE:	<b>POTENIOMETRIC SURFACE MAP for APRIL 17, 2018</b>	
 <p>9874 Main Street, Ste 100 Woodstock, Georgia (770) 926-8883 (770) 926-5383 FAX</p>		
DRAWN BY:	EL	FIGURE NO.
CHECKED BY:	RS	
PROJECT NO.	27-222188.00	

Now or Formerly  
The Murphy Limited Family Partnership  
(Db 812, PG. 414)

### LEGEND

●	MONITORING WELL LOCATION
◻	PIEZOMETER WELL LOCATION
⊗	SURFACE WATER SAMPLE LOCATION
◎	SOIL BORING LOCATION
○ IPF	IRON PIN FOUND
— — —	PROPERTY LINE
— ○ —	GUARD RAIL
— □ —	CHAIN LINK FENCE
PZ-3 4/18/18	SAMPLE ID AND DATE
tert-B 0.93(J)	tert-BUTYLBENZENE CONCENTRATION IN ug/L
1,4-D 851	1,4-DIOXANE CONCENTRATION IN ug/L
MTBE 20.8(J)	MTBE CONCENTRATION IN ug/L
BAR 18.2(J)	BARIUM TOTAL CONCENTRATION IN ug/L
COB 2.8(J)	COBALT TOTAL CONCENTRATION IN ug/L
LEAD-T 45.5	LEAD TOTAL CONCENTRATION IN ug/L
CD 18.2(J)	COBALT DISSOLVED CONCENTRATION IN ug/L
LEAD-D 1.4(J)	LEAD DISSOLVED CONCENTRATION IN ug/L

ug/L MICROGRAMS PER LITER  
(J) INDICATES AN ESTIMATED VALUE



NAME/ADDRESS:  
**PILOT SITE NO. 69**  
2990 WHITESVILLE ROAD  
LAGRANGE, GEORGIA

DRAWING TITLE:  
**GROUNDWATER QUALITY SUMMARY MAP**

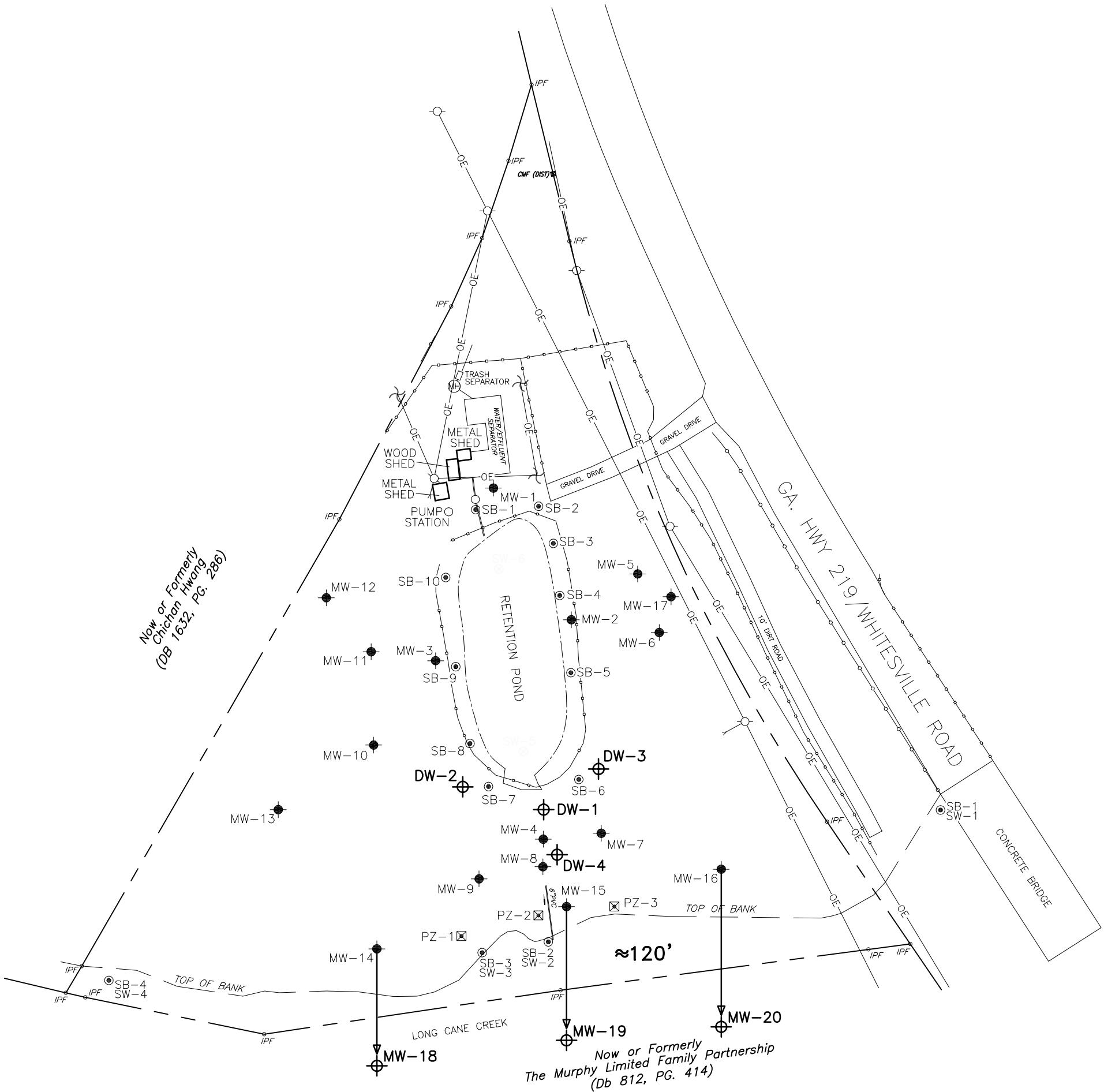


9874 Main Street, Ste 100  
Woodstock, Georgia  
(770) 926-8883  
(770) 926-5383 FAX

DRAWN BY: EL FIGURE NO.  
CHECKED BY: RS  
PROJECT NO. 27-222188.00

LEGEND

- MONITORING WELL LOCATION
- PROPOSED MONITORING WELL LOCATION
- PIEZOMETER WELL LOCATION
- ⊗ SURFACE WATER SAMPLE LOCATION
- ◎ SOIL BORING LOCATION
- IPF IRON PIN FOUND
- - - PROPERTY LINE
- ○ — GUARD RAIL
- □ — CHAIN LINK FENCE
- OE — OVERHEAD ELECTRIC LINE
- POWER POLE
- L — LIGHT POLE
- MH MANHOLE



0 Approximate Feet 80

NAME/ADDRESS:	<b>PILOT SITE NO. 69</b> 2990 WHITESVILLE ROAD LAGRANGE, GEORGIA	
DRAWING TITLE:	<b>PROPOSED MONITORING WELL LOCATION MAP</b>	
<b>ATC</b> 9874 Main Street, Ste 100 Woodstock, Georgia (770) 926-8883 (770) 926-5383 FAX		
DRAWN BY:	EL	FIGURE NO.
CHECKED BY:	RS	
PROJECT NO.	27-222188.00	

## **TABLES**

---

**TABLE 1**  
**SOIL ANALYTICAL RESULTS**

Volatile Organic Compounds  
Results reported in mg/kg

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard (mg/kg)	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	SW-9	SW-10	SW-11	SW-12	SW-13	SW-14	SW-15	SW-16	SW-17	SB-1 (4-6 FT)	SB-1 (16-20 FT)	SB-2 (4-6 FT)	SB-2 (16-20 FT)	SB-3 (4-6 FT)	SB-3 (16-20 FT)	SB-4 (4-5FT)	SB-4 (16-20 FT)	SB-5 6-8 (FT)	SB-5 (16-20 FT)
		FA14532-1	FA14532-2	FA14532-3	FA14532-4	FA14532-5	FA14532-6	FA14532-7	FA14532-8	FA14532-9	FA14532-10	FA14532-11	FA14532-12	FA14532-13	FA14532-14	FA14532-15	FA14532-16	FA14532-17	FA17292-1	FA17292-2	FA17292-3	FA17292-4	FA17292-5	FA17292-6	FA17292-7	FA17292-8	FA17292-23	FA17292-24
Date Sampled:		4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14
Acetone	2.74	4.33	<4.6	1.46J	1.75J	<2.7	1.32J	0.0119J	0.0384	1.51J	1.58J	0.958J	1.52J	<2.3	1.27J	3.32	1.14J	0.506	0.03123	0.0173 J	0.0338	.229	<2.0	0.0673	.620	0.0496	0.148	0.0469
Acrolein	NE	<1.9	<2.3	<2.2	<1.4	<1.4	<1.5	<0.019	<0.017	<1.8	<1.4	<1.3	<1.3	<1.2	<1.4	<1.5	<1.4	<0.024	<0.022	<0.019	<0.018	<0.029	<1.0	<0.022	<0.054	<0.016	<0.20	<0.018
Acrylonitrile	1.37	<1.9	<2.3	<2.2	<1.4	<1.4	<1.5	<0.019	<0.017	<1.8	<1.4	<1.3	<1.3	<1.2	<1.4	<1.5	<1.4	<0.024	<0.022	<0.019	<0.018	<0.029	<1.0	<0.022	<0.054	<0.016	<0.20	<0.018
Benzene	0.02	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
Bromobenzene	0.80	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
Bromochloromethane	NE	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
Bromodichloromethane	1.18	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
Bromoform	1.00	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
n-Butylbenzene	NE	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	0.218J	0.108J	<0.26	0.461	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	0.0457	<0.0035
sec-Butylbenzene	NE	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	0.0738J	0.0785J	<0.26	0.496	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	0.0448	<0.0035
tert-Butylbenzene	NE	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
Chlorobenzene	4.18	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
Chloroethane	0.17	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
Chloroform	0.68	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
o-Chlorotoluene	NE	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	0.0836J	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
p-Chlorotoluene	NE	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	&		

**TABLE 1**  
**SOIL ANALYTICAL RESULTS**

Volatile Organic Compounds  
Results reported in mg/kg

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard (mg/kg)	SB-6 (6-8 FT)	SB-6 (16-20 FT)	SB-7 (14-16 FT)	SB-7 (16-20 FT)	SB-8 (4-6 FT)	SB-8 (16-20 FT)	SB-9 (4-6 FT)	SB-9 (16-20 FT)	SB-10 (8-10 FT)	SAB-10 (16-20 FT)	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	MW-1(6-8ft)	MW-2(4-6ft)	MW-3(6-8ft)	MW-4(4-6ft)	SW SS-1	SW SS-2	SW SS-3	SW SS-4	SB-1	SB-2	SB-3	SB-4
		FA17292-21	FA17292-22	FA17292-19	FA17292-20	FA17292-17	FA17292-18	FA17292-15	FA17292-16	FA17292-10	FA17292-25	FA17292-26	FA17292-27	FA17292-28	FA17292-29	FA17292-30	FA17292-13	FA17292-14	FA17292-11	FA17292-12	FA17720-2	FA17720-3	FA17720-4	FA32706-1	FA32706-2	FA32706-3	FA32706-4		
Date Sampled:	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/25/14	8/25/14	8/25/14	8/25/14	3/29/16	3/29/16	3/29/16	3/29/16		
Acetone	2.74	<3.1	0.0341 J	0.0609	0.0373	0.132	0.0327 J	0.152	0.267	0.0450	<0.048	0.219	0.202	0.272	0.44	1.03 E	0.766	0.0332 J	0.242	0.068	0.0799	0.644	0.783	0.864	0.553	<0.0083	<0.0078	<0.012	<0.0086
Acrolein	NE	<1.5	<0.022	<0.029	<0.022	<0.026	<0.021	<0.023	<0.027	<0.017	<0.024	<0.24	<0.029	<0.024	<0.002	<0.026	<0.023	<0.018	<0.021	<0.020	<0.047	<0.0061	<0.057	<0.047	NA	NA	NA	NA	
Acrylonitrile	1.37	<1.5	<0.022	<0.029	<0.022	<0.026	<0.021	<0.023	<0.027	<0.017	<0.024	<0.24	<0.029	<0.024	<0.022	<0.026	<0.023	<0.018	<0.021	<0.020	<0.047	<0.0061	<0.057	<0.047	NA	NA	NA	NA	
Benzene	0.02	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	0.0047 J	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	0.0047	0.0026 J	0.0031 J	NA	NA	NA	NA	
Bromobenzene	0.80	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0039	<0.0040	<0.012	<0.011	<0.0095	NA	NA	NA	NA	
Bromoform	1.18	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA	
n-Butylbenzene	NE	<0.31	<0.0043	<0.0058	<0.0043	0.0106	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	0.0036 J	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	<0.00081	<0.00077	<0.0012	<0.00084	
sec-Butylbenzene	NE	<0.31	<0.0043	<0.0058	<0.0043	0.0103	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0058	0.0013 J	<0.0045	<0.0051	<0.0046	<0.0037	0.0030 J	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	<0.00081	<0.00077	<0.0012	<0.00084	
tert-Butylbenzene	NE	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA		
Chlorobenzene	4.18	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA	
Chloroethane	0.17	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA	
Chloroform	0.68	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA		
o-Chlorotoluene	NE	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	0.0020 J	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	<0.00081	<0.00077	<0.0012	<0.00084	
p-Chlorotoluene	NE	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA		
2-Chloroethyl vinyl ether	NE	<1.5	<0.022	<0.029	<0.022	<0.026	<0.021	<0.023	<0.027	<0.017	<0.024	<0.024	<0.029	<0.024	<0.022	<0.026	<0.023	<0.018	<0.020	<0.020	<0.047	<0.0061	<0.057	<0.047	NA	NA	NA	NA	
Carbon disulfide	NE	<0.31	<0.0043	<0.0058	<0.0043	0.0021	0.0014 J	0.0030 J	0.0014 J	<0.0035	<0.0048	<0.0048	0.0012	0.0068	<0.0046	0.0016	0.0018 J	<0.003											

**TABLE 1****SOIL ANALYTICAL RESULTS**

Volatile Organic Compounds

Results reported in mg/kg

LaGrange WWTP

2990 Whiteville Road (Highway 219)

LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard (mg/kg)	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	SW-9	SW-10	SW-11	SW-12	SW-13	SW-14	SW-15	SW-16	SW-17	SB-1 (4-6 FT)	SB-1 (16-20 FT)	SB-2 (4-6 FT)	SB-2 (16-20 FT)	SB-3 (4-6 FT)	SB-3 (16-20 FT)	SB-4 (4-5FT)	SB-4 (16-20 FT)	SB-5 6-8 (FT)	SB-5 (16-20 FT)
		FA14532-1	FA14532-2	FA14532-3	FA14532-4	FA14532-5	FA14532-6	FA14532-7	FA14532-8	FA14532-9	FA14532-10	FA14532-11	FA14532-12	FA14532-13	FA14532-14	FA14532-15	FA14532-16	FA14532-17	FA17292-1	FA17292-2	FA17292-3	FA17292-4	FA17292-5	FA17292-6	FA17292-7	FA17292-8	FA17292-23	FA17292-24
Date Sampled:		4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	4/25/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14
1,1,1,2-Tetrachloroethane	0.07	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
1,1,1-Trichloroethane	0.20	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
1,1,2,2-Tetrachloroethane	0.13	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
1,1,2-Trichloroethane	0.50	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
1,2,3-Trichlorobenzene	NE	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
1,2,3-Trichloropropane	0.54	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
1,2,4-Trichlorobenzene	10.83	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<b>0.103J</b>	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
1,2,4-Trimethylbenzene	NE	<b>0.184J</b>	<b>0.360J</b>	<0.44	<b>0.139J</b>	<0.27	<b>0.231J</b>	<0.0037	<0.0035	<b>1.03</b>	<b>0.628</b>	<0.26	<b>1.19</b>	<b>0.0568J</b>	<b>0.109J</b>	<0.31	<0.28	<b>0.0054</b>	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
1,3,5-Trimethylbenzene	NE	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<b>0.172J</b>	<b>0.123J</b>	<0.26	<b>0.602</b>	<0.23	<0.28	<0.31	<0.28	<b>0.0011J</b>	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
Tetrachloroethylene	NE	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<b>0.0061</b>	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
Toluene	14.40	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<b>1.36</b>	<b>0.987</b>	<0.26	<0.27	<0.23	<b>0.112J</b>	<b>0.0918J</b>	<0.28	<b>0.0046J</b>	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
Trichloroethylene	0.13	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
Trichlorofluoromethane	0.70	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
Vinyl chloride	0.04	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039	<0.0035
Vinyl Acetate	0.51	<1.9	<2.3	<2.2	<1.4	<1.4	<1.5	<0.019	<0.017	<1.8	<1.4	<1.3	<1.3	<1.2	<1.4	<1.5	<1.4	<0.024	<0.022	<0.019	<0.018	<0.029	<1.0	<0.022	<0.054	<0.0031	<0.020	<0.018

**TABLE 1**  
**SOIL ANALYTICAL RESULTS**

Volatile Organic Compounds  
Results reported in mg/kg

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard (mg/kg)	SB-6 (6-8 FT)	SB-6 (16-20 FT)	SB-7 (14-16 FT)	SB-7 (16-20 FT)	SB-8 (4-6 FT)	SB-8 (16-20 FT)	SB-9 (4-6 FT)	SB-9 (16-20 FT)	SB-10 (8-10 FT)	SAB-10 (16-20 FT)	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	MW-1(6-8ft)	MW-2(4-6ft)	MW-3(6-8ft)	MW-4(4-6ft)	SW	SS-1	SW	SS-2	SW	SS-3	SW	SS-4	SB-1	SB-2	SB-3	SB-4
Lab Sample ID:		FA17292-21	FA17292-22	FA17292-19	FA17292-20	FA17292-17	FA17292-18	FA17292-15	FA17292-16	FA17292-9	FA17292-10	FA17292-25	FA17292-26	FA17292-27	FA17292-28	FA17292-29	FA17292-30	FA17292-13	FA17292-14	FA17292-11	FA17292-12	FA17720-2	FA17720-3	FA17720-4	FA17720-5	FA32706-1	FA32706-2	FA32706-3	FA32706-4				
Date Sampled:		8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/6/14	8/25/14	8/25/14	8/25/14	8/25/14	3/29/16	3/29/16	3/29/16	3/29/16					
1,1,1,2-Tetrachloroethane	0.07	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA				
1,1,1-Trichloroethane	0.20	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA				
1,1,2,2-Tetrachloroethane	0.13	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA				
1,1,2-Trichloroethane	0.50	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA				
1,2,3-Trichlorobenzene	NE	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA				
1,2,3-Trichloropropane	0.54	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA				
1,2,4-Trichlorobenzene	10.83	<b>0.108 J</b>	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<b>0.011 J</b>	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA				
1,2,4-Trimethylbenzene	NE	<0.31	<0.0043	<0.0058	<0.0043	<b>0.0328</b>	<0.0042	<0.0046	<b>0.0018 J</b>	<0.0035	<0.0048	<0.0048	<b>0.0021 J</b>	<b>0.0049</b>	<0.0045	<0.0051	<0.0046	<0.0037	<b>0.0157</b>	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	<0.00081	<0.00077	<0.0012	<0.00084				
1,3,5-Trimethylbenzene	NE	<0.31	<0.0043	<0.0058	<0.0043	<b>0.0084</b>	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<b>0.0013 J</b>	<0.0045	<0.0051	<0.0046	<0.0037	<b>0.0034 J</b>	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	<0.00081	<0.00077	<0.0012	<0.00084				
Tetrachloroethylene	NE	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA				
Toluene	14.40	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<b>0.0013 J</b>	<b>0.0020 J</b>	<b>0.0035 J</b>	<b>0.0019 J</b>	<b>0.0023 J</b>	<b>0.0051</b>	<0.0037	<b>0.0082</b>	<0.0039	<b>0.0028</b>	<0.0095	<b>0.0089 J</b>	<b>0.0048 J</b>	<b>0.0052 J</b>	NA	NA	NA	NA				
Trichloroethylene	0.13	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA				
Trichlorofluoromethane	0.70	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA				
Vinyl chloride	0.04	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA				
Vinyl Acetate	0.51	<1.5	<0.022	<0.029	<0.022	<b																											

TABLE 2

## SOIL ANALYTICAL RESULTS

Semi-Volatile Organic Compounds

Results reported in mg/kg

LaGrange WWTP

2990 Whiteville Road (Highway 219)

LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	SW-9	SW-10	SW-11	SW-12	SW-13	SW-14	SW-15	SW-16	SW-17	SB-1 (4-6 FT)	SB-1 (16-20 FT)
Lab Sample ID:		FA14532-1	FA14532-2	FA14532-3	FA14532-4	FA14532-5	FA14532-6	FA14532-7	FA14532-8	FA14532-9	FA14532-10	FA14532-11	FA14532-12	FA14532-13	FA14532-14	FA14532-15	FA14532-16	FA14532-17	FA17292-1	FA17292-2
Date Sampled:	(mg/kg)	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	8/6/2014	8/6/2014
Benzoic Acid	1000.00	<12	<11	<11	<11	<1.0	<21	<0.96	<0.97	<9.4	<9.6	<2.0	<9.7	<9.7	<11	<22	<21	<1.1	< 0.22	< 0.020
2-Chlorophenol	0.68	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
4-Chloro-3-methyl phenol	13.20	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
2,4-Dichlorophenol	0.96	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.023	< 0.020
2,4-Dimethylphenol	1.51	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.024	< 0.022
2,4-Dinitrophenol	3.30	<12	<11	<11	<11	<1.0	<21	<0.96	<0.97	<9.4	<9.6	<2.0	<9.7	<9.7	<11	<22	<21	<1.1	< 0.22	< 0.20
4,6-Dinitro-o-cresol	NE	<4.8	<4.5	<4.3	<4.3	<0.40	<8.4	<0.38	<0.39	<3.8	<3.8	<0.81	<3.9	<3.9	<4.2	<8.6	<8.6	<0.44	< 0.088	< 0.079
2-Methylphenol	3.80	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
3&4-Methylphenol	3.80	1.26J	0.899J	0.799J	<2.1	<0.20	<4.2	<0.19	<0.19	0.444J	0.693J	0.109J	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.044	< 0.039
2-Nitrophenol	1000.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	0.226J	<4.3	<4.3	<0.22	< 0.022	< 0.020
4-Nitrophenol	3.30	<12	<11	<11	<11	<1.0	<21	<0.96	<0.97	<9.4	<9.6	<2.0	<9.7	<9.7	<11	<22	<21	<1.1	< 0.18	< 0.16
Pentachlorophenol	3.30	<12	<11	<11	<11	<1.0	<21	<0.96	<0.97	<9.4	<9.6	<2.0	<9.7	<9.7	<11	<22	<21	<1.1	< 0.18	< 0.16
Phenol	50.00	6.01	4.15	4.70	1.49J	<0.20	<4.2	<0.19	<0.19	0.417J	0.276J	<0.40	<1.9	<1.9	0.347J	<4.3	<4.3	<0.22	< 0.022	< 0.020
2,4,5-Trichlorophenol	4.56	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.029	< 0.025
2,4,6-Trichlorophenol	0.66	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Acenaphthene	300.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.028	< 0.025
Acenaphthylene	130.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Aniline	0.038	<2.4	<2.2	<2.2	<2.1	0.817	1.58J	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Anthracene	500.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Benzidine	0.05	<24	<22	<22	<21	<2.0	<42	<1.9	<1.9	<19	<19	<4.0	<19	<19	<21	<43	<43	<2.2	< 0.44	< 0.39
Benzo(a)anthracene	5.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Benzo(a)pyrene	1.64	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Benzo(b)fluoranthene	5.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Benzo(g,h,i)perylene	500.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Benzo(k)fluoranthene	5.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.024	< 0.021
4-Bromophenyl phenyl ether	1000.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22		

TABLE 2

## SOIL ANALYTICAL RESULTS

Semi-Volatile Organic Compounds

Results reported in mg/kg

LaGrange WWTP

2990 Whiteville Road (Highway 219)

LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard (mg/kg)	SB-2 (4-6FT)	SB-2 (16-20 FT)	SB-3 (4-6 FT)	SB-3 (16-20 FT)	SB-4 (4-5FT)	SB-4 (16-20 FT)	SB-5 6-8 (FT)	SB-5 (16-20 FT)	SB-6 (6-8 FT)	SB-6 (16-20 FT)	SB-7 (14-16 FT)	SB-7 (16-20 FT)	SB-8 (4-6 FT)	SB-8 (16-20 FT)	SB-9 (4-6 FT)	SB-9 (16-20 FT)
Lab Sample ID:		FA17292-3	FA17292-4	FA17292-5	FA17292-6	FA17292-7	FA17292-8	FA17292-23	FA17292-24	FA17292-21	FA17292-22	FA17292-19	FA17292-20	FA17292-17	FA17292-18	FA17292-15	FA17292-16
Date Sampled:		8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014
Benzoic Acid	1000.00	< 0.19	< 0.23	< 0.18	< 0.21	< 0.31	< 0.18	< 0.82	< 0.21	< 2.1	< 0.19	< 0.23	< 0.21	< 0.21	< 0.21	< 0.23	< 0.21
2-Chlorophenol	0.68	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
4-Chloro-3-methyl phenol	13.20	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
2,4-Dichlorophenol	0.96	< 0.020	< 0.023	< 0.019	< 0.022	< 0.032	< 0.019	< 0.085	< 0.022	< 0.22	< 0.020	< 0.024	< 0.022	< 0.022	< 0.022	< 0.023	< 0.021
2,4-Dimethylphenol	1.51	< 0.021	< 0.025	< 0.020	< 0.023	< 0.034	< 0.020	< 0.090	< 0.023	< 0.23	< 0.021	< 0.026	< 0.023	< 0.024	< 0.023	< 0.025	< 0.023
2,4-Dinitrophenol	3.30	< 0.19	< 0.23	< 0.18	< 0.21	< 0.31	< 0.18	< 0.82	< 0.21	< 2.1	< 0.19	< 0.23	< 0.21	< 0.21	< 0.21	< 0.23	< 0.21
4,6-Dinitro-o-cresol	NE	< 0.076	< 0.090	< 0.073	< 0.085	< 0.12	< 0.074	< 0.33	< 0.084	< 0.83	< 0.077	< 0.093	< 0.084	< 0.085	< 0.084	< 0.091	< 0.083
2-Methylphenol	3.80	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
3&4-Methylphenol	3.80	< 0.038	< 0.045	< 0.036	< 0.042	< 0.062	< 0.037	< 0.16	< 0.042	< 0.42	< 0.038	< 0.046	< 0.042	< 0.043	< 0.042	< 0.045	< 0.041
2-Nitrophenol	1000.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
4-Nitrophenol	3.30	< 0.15	< 0.18	< 0.15	< 0.17	< 0.25	< 0.15	< 0.66	< 0.17	< 1.7	< 0.15	< 0.19	< 0.17	< 0.17	< 0.17	< 0.18	< 0.17
Pentachlorophenol	3.30	< 0.15	< 0.18	< 0.15	< 0.17	< 0.25	< 0.15	< 0.66	< 0.17	< 1.7	< 0.15	< 0.19	< 0.17	< 0.17	< 0.17	< 0.18	< 0.17
Phenol	50.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
2,4,5-Trichlorophenol	4.56	< 0.025	< 0.029	< 0.023	< 0.027	< 0.040	< 0.024	< 0.11	< 0.027	< 0.27	< 0.025	< 0.030	< 0.027	< 0.028	< 0.027	< 0.029	< 0.027
2,4,6-Trichlorophenol	0.66	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Acenaphthene	300.00	< 0.024	< 0.029	< 0.023	< 0.027	< 0.039	< 0.023	< 0.10	< 0.026	< 0.26	< 0.024	< 0.029	< 0.027	< 0.027	< 0.027	< 0.029	< 0.026
Acenaphthylene	130.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Aniline	0.038	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Anthracene	500.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	<b>0.634 J</b>	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Benzidine	0.05	< 0.38	< 0.45	< 0.36	< 0.42	< 0.62	< 0.37	< 1.6	< 0.42	< 4.2	< 0.38	< 0.46	< 0.42	< 0.43	< 0.42	< 0.45	< 0.41
Benzo(a)anthracene	5.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Benzo(a)pyrene	1.64	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Benzo(b)fluoranthene	5.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Benzo(g,h,i)perylene	500.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Benzo(k)fluoranthene	5.00	< 0.021	< 0.025	< 0.020	< 0.023	< 0.034	< 0.020	< 0.089	< 0.023	< 0.23	< 0.021	< 0.025	< 0.023	< 0.023	< 0.023	< 0.025	< 0.023
4-Bromophenyl phenyl ether	1000.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021 a								

**TABLE 2**  
**SOIL ANALYTICAL RESULTS**  
Semi-Volatile Organic Compounds  
Results reported in mg/kg

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard (mg/kg)	SB-10 (8-10 FT)	SAB-10 (16-20 FT)	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	MW-1(6-8ft)	MW-2(4-6ft)	MW-3(6-8ft)	MW-4(4-6ft)	SB-1	SB-2	SB-3	SB-4
Lab Sample ID:		FA17292-9	FA17292-10	FA17292-25	FA17292-26	FA17292-27	FA17292-28	FA17292-29	FA17292-30	FA17292-13	FA17292-14	FA17292-11	FA17292-12	FA32706-1	FA32706-2	FA32706-3	FA32706-4
Date Sampled:		8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	3/29/2016	3/29/2016	3/29/2016	3/29/2016
Benzoic Acid	1000.00	< 0.19	< 0.22	< 0.20	< 0.17	< 0.17	< 0.20	<b>0.426 J</b>	< 0.17	< 0.20	< 0.21	< 0.20	< 0.21	NA	NA	NA	NA
2-Chlorophenol	0.68	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
4-Chloro-3-methyl phenol	13.20	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
2,4-Dichlorophenol	0.96	< 0.020	< 0.023	< 0.021	< 0.018	< 0.018	< 0.020	< 0.018	< 0.018	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
2,4-Dimethylphenol	1.51	< 0.021	< 0.024	< 0.023	< 0.019	< 0.019	< 0.022	< 0.019	< 0.019	< 0.022	< 0.023	< 0.022	< 0.023	NA	NA	NA	NA
2,4-Dinitrophenol	3.30	< 0.19	< 0.22	< 0.20	< 0.17	< 0.17	< 0.20	< 0.17	< 0.17	< 0.20	< 0.021	< 0.20	< 0.021	NA	NA	NA	NA
4,6-Dinitro-o-cresol	NE	< 0.077	< 0.089	< 0.082	< 0.069	< 0.068	< 0.079	< 0.070	< 0.069	< 0.079	< 0.083	< 0.081	< 0.083	NA	NA	NA	NA
2-Methylphenol	3.80	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
3&4-Methylphenol	3.80	< 0.038	< 0.044	<b>0.0763 J</b>	< 0.035	< 0.034	< 0.040	< 0.035	< 0.034	< 0.040	< 0.042	< 0.040	< 0.041	NA	NA	NA	NA
2-Nitrophenol	1000.00	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
4-Nitrophenol	3.30	< 0.15	< 0.18	< 0.16	< 0.14	< 0.14	< 0.16	< 0.14	< 0.14	< 0.16	< 0.017	< 0.16	< 0.17	NA	NA	NA	NA
Pentachlorophenol	3.30	< 0.15	< 0.18	< 0.16	< 0.14	< 0.14	< 0.16	< 0.14	< 0.14	< 0.16	< 0.021	< 0.16	< 0.17	NA	NA	NA	NA
Phenol	50.00	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	<b>0.131 J</b>	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
2,4,5-Trichlorophenol	4.56	< 0.025	< 0.029	< 0.026	< 0.022	< 0.022	< 0.025	< 0.023	< 0.022	< 0.026	< 0.027	< 0.026	< 0.027	NA	NA	NA	NA
2,4,6-Trichlorophenol	0.66	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Acenaphthene	300.00	< 0.024	< 0.028	< 0.026	< 0.022	< 0.021	< 0.025	< 0.022	< 0.022	< 0.025	< 0.026	< 0.026	< 0.026	NA	NA	NA	NA
Acenaphthylene	130.00	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Aniline	0.038	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	< 0.046	< 0.044	< 0.054	< 0.051
Anthracene	500.00	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Benzidine	0.05	< 0.38	< 0.44	< 0.41	< 0.35	< 0.34	< 0.40	< 0.35	< 0.34	< 0.40	< 0.42	< 0.40	< 0.41	NA	NA	NA	NA
Benzo(a)anthracene	5.00	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Benzo(a)pyrene	1.64	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Benzo(b)fluoranthene	5.00	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Benzo(g,h,i)perylene	500.00	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Benzo(k)fluoranthene	5.00	< 0.021	< 0.024	< 0.022	< 0.019	< 0.018	< 0.022	< 0.019	< 0.019	< 0.022	< 0.023	< 0.022	< 0.023	NA	NA	NA	NA
4-Bromophenyl phenyl ether	1000.00	< 0.019	< 0.022	< 0.020 a	< 0.017 a	< 0.017 a	< 0.020 a	< 0.017 a	< 0.017 a	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Butyl benzyl phthalate	50.00	< 0.038	< 0.044	< 0.041	< 0.035	< 0.034	< 0.040	< 0.035	< 0.034	< 0.040	< 0.042	< 0.040	< 0.041	NA	NA	NA	NA
Benzyl Alcohol	NE	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
2-Chloronaphthalene	25.00	< 0.023	< 0.026	< 0.024	< 0.021	< 0.020	< 0.024	< 0.021	< 0.020	< 0.024	< 0.025	< 0.024	< 0.025	NA	NA	NA	NA
4-Chloroaniline	NE	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	<					

**TABLE 2**  
**SOIL ANALYTICAL RESULTS**  
Semi-Volatile Organic Compounds  
Results reported in mg/kg

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard (mg/kg)	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	SW-9	SW-10	SW-11	SW-12	SW-13	SW-14	SW-15	SW-16	SW-17	SB-1 (4-6 FT)	SB-1 (16-20 FT)
Lab Sample ID:		FA14532-1	FA14532-2	FA14532-3	FA14532-4	FA14532-5	FA14532-6	FA14532-7	FA14532-8	FA14532-9	FA14532-10	FA14532-11	FA14532-12	FA14532-13	FA14532-14	FA14532-15	FA14532-16	FA14532-17	FA17292-1	FA17292-2
Date Sampled:		4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	8/6/2014	8/6/2014	
Diethyl phthalate	0.74	<4.8	<4.5	<4.3	<4.3	<0.40	<8.4	<0.38	<0.39	<3.8	<3.8	<0.81	<3.9	<3.9	<4.2	<8.6	<8.6	<0.44	< 0.044	< 0.039
Dimethyl phthalate	0.66	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.044	< 0.039
bis(2-Ethylhexyl)phthalate	50.00	<b>1.82J</b>	<b>1.11J</b>	<4.3	<4.3	<b>0.0567J</b>	<b>5.09J</b>	<0.38	<0.39	<b>3.41J</b>	<b>2.01J</b>	<b>0.185J</b>	<b>2.71J</b>	<b>0.432J</b>	<b>6.82</b>	<b>4.35J</b>	<b>5.75J</b>	<b>0.131J</b>	< 0.044	< 0.039
Fluoranthene	500.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Fluorene	360.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Hexachlorobenzene	2.14	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Hexachlorobutadiene	17.50	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Hexachlorocyclopentadiene	15.20	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Hexachloroethane	9.99	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Indeno(1,2,3-cd)pyrene	5.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Isophorone	0.19	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
1-Methylnaphthalene	NE	<2.4	<b>0.231J</b>	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<b>0.546J</b>	<b>0.336J</b>	<0.40	<b>0.658J</b>	<1.9	<b>0.260J</b>	<4.3	<4.3	<0.22	< 0.022	< 0.020
2-Methylnaphthalene	NE	<b>0.241J</b>	<b>0.292J</b>	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<b>1.01J</b>	<b>0.434J</b>	<0.40	<b>0.810J</b>	<1.9	<b>0.342J</b>	<4.3	<b>0.493J</b>	<0.22	< 0.022	< 0.020
2-Nitroaniline	NE	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.044	< 0.039
3-Nitroaniline	NE	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.044	< 0.039
4-Nitroaniline	NE	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.044	< 0.039
Naphthalene	100.00	<2.4	<b>0.383J</b>	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<b>1.48J</b>	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Nitrobenzene	0.70	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
N-Nitrosodimethylamine	0.66	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2 a	<0.19 a	<0.19 a	<1.9 a	<1.9 a	<0.40 a	<1.9 a	<1.9 a	<2.1 a	<4.3 a	<4.3 a	<0.22 a	< 0.026	< 0.023
N-Nitroso-di-n-propylamine	1.71	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
N-Nitrosodiphenylamine	6.46	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Phenanthrene	110.00	<b>0.281J</b>	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<b>0.252J</b>	<b>0.255J</b>	<0.40	<b>0.397J</b>	<1.9	<b>0.851J</b>	<4.3	<b>1.45J</b>	<0.22	< 0.022	< 0.020
Pyrene	500.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<b>0.229J</b>	<1.9	<0.40	<b>0.222J</b>	<1.9	<b>0.316J</b>	<4.3	<4.3	<0.22	< 0.022	< 0.020
Pyridine	0.038	<4.8	<4.5	<4.3	<4.3	<0.40	<8.4	<0.38	<0.39	<3.8	<3.8	<0.81	<3.9	<3.9	<4.2	<8.6	<8.6	<0.44	< 0.044	< 0.039
1,2,4-Trichlorobenzene	10.83	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020

Notes:

mg/kg: milligrams per kilogram

TABLE 2

## SOIL ANALYTICAL RESULTS

Semi-Volatile Organic Compounds

Results reported in mg/kg

LaGrange WWTP

2990 Whiteville Road (Highway 219)

LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard (mg/kg)	SB-2 (4-6FT)	SB-2 (16-20 FT)	SB-3 (4-6 FT)	SB-3 (16-20 FT)	SB-4 (4-5FT)	SB-4 (16-20 FT)	SB-5 6-8 (FT)	SB-5 (16-20 FT)	SB-6 (6-8 FT)	SB-6 (16-20 FT)	SB-7 (14-16 FT)	SB-7 (16-20 FT)	SB-8 (4-6 FT)	SB-8 (16-20 FT)	SB-9 (4-6 FT)	SB-9 (16-20 FT)
Lab Sample ID:		FA17292-3	FA17292-4	FA17292-5	FA17292-6	FA17292-7	FA17292-8	FA17292-23	FA17292-24	FA17292-21	FA17292-22	FA17292-19	FA17292-20	FA17292-17	FA17292-18	FA17292-15	FA17292-16
Date Sampled:		8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014
Diethyl phthalate	0.74	< 0.038	< 0.045	< 0.036	< 0.042	< 0.062	< 0.037	< 0.16	< 0.042	< 0.42	< 0.038	< 0.046	< 0.042	< 0.043	< 0.042	< 0.045	< 0.041
Dimethyl phthalate	0.66	< 0.038	< 0.045	< 0.036	< 0.042	< 0.062	< 0.037	< 0.16	< 0.042	< 0.42	< 0.038	< 0.046	< 0.042	< 0.043	< 0.042	< 0.045	< 0.041
bis(2-Ethylhexyl)phthalate	50.00	< 0.038	< 0.045	<b>0.846</b>	< 0.042	<b>0.110 J</b>	< 0.037	<b>0.551 J</b>	< 0.042	<b>3.61 J</b>	< 0.038	< 0.046	< 0.042	<b>0.238 J</b>	< 0.042	< 0.045	< 0.041
Fluoranthene	500.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Fluorene	360.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Hexachlorobenzene	2.14	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Hexachlorobutadiene	17.50	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Hexachlorocyclopentadiene	15.20	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Hexachloroethane	9.99	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Indeno(1,2,3-cd)pyrene	5.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Isophorone	0.19	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
1-Methylnaphthalene	NE	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	<b>0.142 J</b>	< 0.021	<b>0.235 J</b>	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
2-Methylnaphthalene	NE	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	<b>0.180 J</b>	< 0.021	<b>0.318 J</b>	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
2-Nitroaniline	NE	< 0.038	< 0.045	< 0.036	< 0.042	< 0.062	< 0.037	< 0.16	< 0.042	< 0.42	< 0.038	< 0.046	< 0.042	< 0.043	< 0.042	< 0.045	< 0.041
3-Nitroaniline	NE	< 0.038	< 0.045	< 0.036	< 0.042	< 0.062	< 0.037	< 0.16	< 0.042	< 0.42	< 0.038	< 0.046	< 0.042	< 0.043	< 0.042	< 0.045	< 0.041
4-Nitroaniline	NE	< 0.038	< 0.045	< 0.036	< 0.042	< 0.062	< 0.037	< 0.16	< 0.042	< 0.42	< 0.038	< 0.046	< 0.042	< 0.043	< 0.042	< 0.045	< 0.041
Naphthalene	100.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Nitrobenzene	0.70	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
N-Nitrosodimethylamine	0.66	< 0.022	< 0.026	< 0.021	< 0.025	< 0.036	< 0.021	< 0.095	< 0.024	< 0.24	< 0.022	< 0.027	< 0.024	< 0.025	< 0.025	< 0.026	< 0.024
N-Nitroso-di-n-propylamine	1.71	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
N-Nitrosodiphenylamine	6.46	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Phenanthrene	110.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	0.0850 J	< 0.021	<b>0.632 J</b>	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Pyrene	500.00	< 0.019	< 0.023	<b>0.0311 J</b>	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Pyridine	0.038	< 0.038	< 0.045	< 0.036	< 0.042	< 0.062	< 0.037	< 0.16	< 0.042	< 0.42	< 0.038	< 0.046	< 0.042	< 0.043	< 0.042	< 0.045	< 0.041
1,2,4-Trichlorobenzene	10.83	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021

## Notes:

**TABLE 2**  
**SOIL ANALYTICAL RESULTS**

Semi-Volatile Organic Compounds  
Results reported in mg/kg

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard (mg/kg)	SB-10 (8-10 FT)	SAB-10 (16-20 FT)	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	MW-1(6-8ft)	MW-2(4-6ft)	MW-3(6-8ft)	MW-4(4-6ft)	SB-1	SB-2	SB-3	SB-4
Lab Sample ID:		FA17292-9	FA17292-10	FA17292-25	FA17292-26	FA17292-27	FA17292-28	FA17292-29	FA17292-30	FA17292-13	FA17292-14	FA17292-11	FA17292-12	FA32706-1	FA32706-2	FA32706-3	FA32706-4
Date Sampled:		8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	3/29/2016	3/29/2016	3/29/2016	3/29/2016
Diethyl phthalate	0.74	< 0.038	< 0.044	< 0.041	< 0.035	< 0.034	< 0.040	< 0.035	< 0.034	< 0.040	< 0.042	< 0.040	< 0.041	NA	NA	NA	NA
Dimethyl phthalate	0.66	< 0.038	< 0.044	< 0.041	< 0.035	< 0.034	< 0.040	< 0.035	< 0.034	< 0.040	< 0.042	< 0.040	< 0.041	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	50.00	< 0.038	< 0.044	< 0.041	< 0.035	<b>0.0364 J</b>	< 0.040	<b>0.854</b>	< 0.034	<b>0.0516 J</b>	<b>0.56</b>	< 0.040	< 0.041	NA	NA	NA	NA
Fluoranthene	500.00	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Fluorene	360.00	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Hexachlorobenzene	2.14	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Hexachlorobutadiene	17.50	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Hexachlorocyclopentadiene	15.20	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Hexachloroethane	9.99	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	5.00	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Isophorone	0.19	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
1-Methylnaphthalene	NE	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	<b>0.0222 J</b>	< 0.020	< 0.021	< 0.036	< 0.034	< 0.042	< 0.040
2-Methylnaphthalene	NE	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	<b>0.0361 J</b>	< 0.020	< 0.021	< 0.026	< 0.025	< 0.031	< 0.029
2-Nitroaniline	NE	< 0.038	< 0.044	< 0.041	< 0.035	< 0.034	< 0.040	< 0.035	< 0.034	< 0.040	< 0.042	< 0.040	< 0.041	NA	NA	NA	NA
3-Nitroaniline	NE	< 0.038	< 0.044	< 0.041	< 0.035	< 0.034	< 0.040	< 0.035	< 0.034	< 0.040	< 0.042	< 0.040	< 0.041	NA	NA	NA	NA
4-Nitroaniline	NE	< 0.038	< 0.044	< 0.041	< 0.035	< 0.034	< 0.040	< 0.035	< 0.034	< 0.040	< 0.042	< 0.040	< 0.041	NA	NA	NA	NA
Naphthalene	100.00	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Nitrobenzene	0.70	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
N-Nitrosodimethylamine	0.66	< 0.022	< 0.026	< 0.024	< 0.020	< 0.020	< 0.023	< 0.020	< 0.020	< 0.023	< 0.024	< 0.024	< 0.024	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	1.71	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	<b>0.0325 J</b>	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
N-Nitrosodiphenylamine	6.46	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	<b>0.0376 J</b>	< 0.020	< 0.021	NA	NA	NA	NA
Phenanthrene	110.00	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Pyrene	500.00	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	<b>0.0716 J</b>	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA
Pyridine	0.038	< 0.038	< 0.044	< 0.041	< 0.035	< 0.034	< 0.040	< 0.035	< 0.034	< 0.040	< 0.042	< 0.040	< 0.041	NA	NA	NA	NA
1,2,4-Trichlorobenzene	10.83	< 0.019	< 0.022	< 0.020	< 0.017	< 0.017	< 0.020	< 0.017	< 0.017	< 0.020	< 0.021	< 0.020	< 0.021	NA	NA	NA	NA

Notes:

mg/kg: milligrams per kilogram

Bold: Values in bold exceed the Laboratory detection limit

Shaded: Values which are shaded exceed the Applicable Standard

Applicable Standard: Concentration values obtained from Appendix I of OCGA § 391-3-19

Constituents with no reported RRS value are evaluated to their laboratory detection limit.

E: Indicates value exceeds calibration range

J: Indicates an estimated value

B: Indicates analyte found in associated method blank

N: Indicates presumptive evidence of a compound

a: Dilution required due to matrix interference.

b: Elevated reporting limits due to matrix interference.

c: Outside control limits due to dilution.

**TABLE 3**  
**SOIL ANALYTICAL RESULTS**

Metals

Results reported in mg/kg

LaGrange WWTP

2990 Whiteville Road (Highway 219)

LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	SW-9	SW-10	SW-11	SW-12	SW-13	SW-14	SW-15	SW-16	SW-17	SB-1 (4-6 FT)	SB-1 (16-20 FT)	SB-2 (4-6 FT)
Lab Sample ID:		FA14532-1	FA14532-2	FA14532-3	FA14532-4	FA14532-5	FA14532-6	FA14532-7	FA14532-8	FA14532-9	FA14532-10	FA14532-11	FA14532-12	FA14532-13	FA14532-14	FA14532-15	FA14532-16	FA14532-17	FA17292-1	FA17292-2	FA17292-3
Date Sampled:		4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	8/6/2014	8/6/2014	
Arsenic	20	<3.1 b	<2.5 b	0.66	1.0 b	<2.7 b	<1.8 b	0.57	<2.0 b	<1.9 b	<1.7 b	<8.2 b	<1.9 b	<1.9 b	<2.6 b	<2.3 b	0.74	<5.1	0.74	0.72	
Barium	1000	<63 b	<49 b	34.3	40.2 b	61.2 b	44.1 b	31.3	52.6 b	54.5 b	42.6 b	<160 b	40.5 b	25.4	23.6	31.6	40.1	32.8	159	30	33
Cadmium	2	<1.3 b	<0.99 b	<0.26	<0.38 b	<1.1 b	<0.73 b	<0.22	<0.81 b	<0.77 b	<0.67 b	<3.3 b	<0.78 b	<0.74 b	<1.0 b	<0.92 b	<0.20	<2.0	<0.19	<0.2	
Chromium	100	19.1 b	20.8 b	12.9	13.5 b	10.4 b	10.8 b	5.6	2.6 b	4.4 b	11.0 b	8.4 b	14.9 b	9.0 b	10.5 b	21.4 b	16.9 b	6.8	15.1	5.2	12.3
Cobalt	20	71.2 b	<12 b	<3.2	7.3 b	<13 b	33.8 b	<2.7	<10 b	<9.7 b	<8.4 b	<41 b	12.8 b	<9.7 b	<9.3 b	65.2 b	<11 b	5.7	<25	<2.4	<2.5
Lead	75	15.7	10.9	7.1	9.1	9.6	6.0	8.6	5.0	6.8	7.1	10.7	14.7	6.7	6.4	13.2	12.6	11.7	19.8	6.9	8
Mercury	0.5	<0.058	<0.052	<0.052	0.057	<0.050	<0.047	<0.046	<0.046	<0.046	<0.045	<0.046	<0.044	<0.047	<0.051	0.054	<0.048	<0.052	0.059	<0.045	<0.045
Nickle	50	NA	NA	NA	NA	NA	NA	NA	<20	<1.9	3.1										
Selenium	2	<6.3 b	<4.9 b	<1.3	<1.9 b	<5.3 b	<3.7 b	<1.1	<4.1 b	<3.9 b	<3.4 b	<16 b	<3.9 b	<3.9 b	<3.7 b	<5.1 b	<4.6 b	<0.98	<10	<0.95	<1.0
Silver	2	<3.1 b	<2.5 b	<0.65	<0.96 b	<2.7 b	<1.8 b	<0.55	<2.0 b	<1.9 b	<1.7 b	<8.2 b	<1.9 b	<1.9 b	<2.6 b	<2.3 b	<0.49	<5.1	<0.47	<0.50	

Notes:

mg/kg: milligrams per kilogram

Bold: Values in bold exceed the Laboratory detection limit

Shaded: Values which are shaded exceed the Applicable Standard

Applicable Standard: Concentration values obtained from Appendix III Table 2 of OCGA § 391-3-19

Constituents with no report

E: Indicates value exceeds calibration range

J: Indicates an estimated value

B: Indicates analyte found in associated method blank

N: Indicates presumptive evidence of a compound

a: Dilution required due to matrix interference.

b: Elevated reporting limits due to matrix interference.

c: Outside control limits due to dilution.

**TABLE 3**  
**SOIL ANALYTICAL RESULTS**

Metals

Results reported in mg/kg

LaGrange WWTP  
2990 Whiteville Road (Highway 21)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard (mg/kg)	SB-2 (16-20 FT)	SB-3 (4-6 FT)	SB-3 (16-20 FT)	SB-4 (4-5 FT)	SB-4 (16-20 FT)	SB-5 6-8 (FT)	SB-5 (16-20 FT)	SB-6 (6-8 FT)	SB-6 (16-20 FT)	SB-7 (14-16 FT)	SB-7 (16-20 FT)	SB-8 (4-6 FT)	SB-8 (16-20 FT)	SB-9 (4-6 FT)	SB-9 (16-20 FT)	SB-10 (8-10 FT)	
Lab Sample ID:		FA17292-4	FA17292-5	FA17292-6	FA17292-7	FA17292-8	FA17292-23	FA17292-24	FA17292-21	FA17292-22	FA17292-19	FA17292-20	FA17292-17	FA17292-18	FA17292-15	FA17292-16	FA17292-9	
Date Sampled:		8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	
Arsenic	20	1.3	<1.5	<0.53	<3.3	1.3	<4.3	2.4	<2.3	<2.5	<5.5	1.2	<1.2	0.92	1.3	<1.2	<2.6	
Barium	1000	42.5	47	17.9	314	21.8	<86	48.2	52.7	64.5	<110	96.6	50.7	31.7	43.8	41.9	139	
Cadmium	2	<0.40	<0.6	<0.21	<1.3	<0.71	<1.7	<0.42	<0.94	<0.99	<2.2	<0.24	<0.47	<0.35	<0.45	<0.49	<1.0	
Chromium	100	17.2	4.9	4.7	12.3	12.1	13.5	16	16	23.5	<5.5	11.8	21.2	8.5	19.3	10.1	19.7	
Cobalt	20	<5.0	<7.4	<2.6	<17	<2.2	<21	<5.2	<12	21.5	<27	3	7.9	<4.4	<5.6	<6.1	<13	
Lead	75	34.8	8	6	22.6	7.6	8.9	12.3	11.4	19.6	<11	12.3	98.3	11.2	10.5	7.3	14.1	
Mercury	0.5	<0.054	<0.042	<0.051	<0.072	<0.042	<0.048	<0.048	<0.049	<0.043	<0.043	<0.056	<0.049	<0.050	<0.048	<0.052	<0.049	<0.046
Nickle	50	4.1	<6.0	<2.1	<13	2	<17	4.3	<9.4	<9.9	<22	4.2	6.8	<3.5	<4.5	<4.9	<10	
Selenium	2	<2.0	<3.0	<1.1	<6.7	<0.87	<8.6	<2.1	<4.7	<5.0	<11	<1.2	<2.4	<1.8	<2.3	<2.4	<5.2	
Silver	2	<0.99	<1.5	<0.53	<3.3	<0.44	<4.3	<1.0	<2.3	<2.5	<5.5	<0.60	<1.2	<0.89	<1.1	<1.2	<2.6	

Notes:

mg/kg: milligrams per kilogram

Bold: Values in bold exceed the Laboratory detection limit

Shaded: Values which are shaded exceed the Applicable Standard

Applicable Standard: Concentration values obtained from Appendix III Table 2 of OCGA § 391-3-19

Constituents with no reported RRS value are evaluated to their laboratory detection limit.

E: Indicates value exceeds calibration range

J: Indicates an estimated value

B: Indicates analyte found in associated method blank

N: Indicates presumptive evidence of a compound

a: Dilution required due to matrix interference.

b: Elevated reporting limits due to matrix interference.

c: Outside control limits due to dilution.

**TABLE 3**  
**SOIL ANALYTICAL RESULTS**

Metals

Results reported in mg/kg

LaGrange WWTP  
2990 Whiteville Road (Highway 21)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard (mg/kg)	SAB-10 (16-20 FT)	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	MW-1(6-8ft)	MW-2(4-6ft)	MW-3(6-8ft)	MW-4(4-6ft)	SB-1	SB-2	SB-3	SB-4
Lab Sample ID:		FA17292-10	FA17292-25	FA17292-26	FA17292-27	FA17292-28	FA17292-29	FA17292-30	FA17292-13	FA17292-14	FA17292-11	FA17292-12	FA32706-1	FA32706-2	FA32706-3	FA32706-4
Date Sampled:		8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	3/29/2016	3/29/2016	3/29/2016	3/29/2016
Arsenic	20	<4.8	0.65	1.9	0.89	0.73	<1.4	<1.4	<1.1	<2.3	<1.2	0.57	NA	NA	NA	NA
Barium	1000	<b>182</b>	23.3	38	19.7	19.6	<b>54.9</b>	<b>54.8</b>	34.4	<b>54.5</b>	<b>36.8</b>	17.8	NA	NA	NA	NA
Cadmium	2	<1.9	<0.20	<0.68	<0.15	<0.17	<0.58	<0.58	<0.46	<0.92	<0.48	<0.20	NA	NA	NA	NA
Chromium	100	<b>26</b>	<b>5.6</b>	<b>32.7</b>	<b>12.1</b>	<b>13.4</b>	<b>12</b>	<b>12.8</b>	<b>9.3</b>	<b>9.2</b>	<b>13.5</b>	<b>13.9</b>	NA	NA	NA	NA
Cobalt	<b>20</b>	<24	<b>8.9</b>	<8.6	<b>16.8</b>	<b>15.6</b>	<b>256</b>	11	<5.7	<12	<6.0	3.4	<b>3.0 (J)</b>	<b>1.1 (J)</b>	<b>2.0 (J)</b>	<b>1.4 (J)</b>
Lead	75	<b>15.1</b>	<b>8.8</b>	<b>14.1</b>	<b>4.7</b>	<b>4.3</b>	<b>8.7</b>	<b>8.7</b>	<b>12</b>	<b>12</b>	<b>7</b>	<b>5.6</b>	<b>14.3</b>	<b>8.0</b>	<b>15.5</b>	<b>10.4</b>
Mercury	0.5	<0.054	<0.048	<0.041	<0.040	<0.046	<0.039	<0.040	<0.045	<0.051	<0.046	<0.048	NA	NA	NA	NA
Nickle	50	<19	<2.0	<b>8.5</b>	<b>2.4</b>	<b>1.8</b>	<b>9.7</b>	<5.8	<4.6	<9.2	<4.8	<b>3</b>	NA	NA	NA	NA
Selenium	2	<9.7	<1.0	<3.4	<10.75	<0.87	<2.9	<2.9	<2.3	<4.6	<2.4	<1.0	NA	NA	NA	NA
Silver	2	<4.8	<0.50	<1.7	<0.37	<0.44	<1.4	<1.4	<1.1	<2.3	<1.2	<0.51	NA	NA	NA	NA

Notes:

mg/kg: milligrams per kilogram

Bold: Values in bold exceed the Laboratory detection limit

Shaded: Values which are shaded exceed the Applicable Standard

Applicable Standard: Concentration values obtained from Appendix III Table 2 of OCGA § 391-3-19

Constituents with no reported RRS value are evaluated to their laboratory detection limit.

E: Indicates value exceeds calibration range

J: Indicates an estimated value

B: Indicates analyte found in associated method blank

N: Indicates presumptive evidence of a compound

a: Dilution required due to matrix interference.

b: Elevated reporting limits due to matrix interference.

c: Outside control limits due to dilution.

**TABLE 4**  
**SUMMARY OF LIQUID LEVEL GAUGING DATA**

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Well	Date Measured	Top of Casing Elevation (ft)	Screen Interval (ft)	Depth to NAPL from TOC (ft)	Depth to Water from TOC (ft)	Free Product Thickness (ft)	Corrected Groundwater Elevation (ft)
MW-1	08/15/14	100.00	2.0-10.0	--	5.82	0.00	94.18
	05/27/15			--	6.32	0.00	93.68
	03/28/16			--	3.62	0.00	646.23
	10/11/16			--	7.32	0.00	642.53
	03/07/17			--	5.50	0.00	644.35
	10/23/17			--	4.88	0.00	644.97
	<b>04/17/18</b>			--	<b>4.98</b>	<b>0.00</b>	<b>644.87</b>
MW-2	08/15/14	101.60	2.0-10.0	--	10.20	0.00	91.40
	05/27/15			--	10.71	0.00	90.89
	03/28/16			--	8.03	0.00	643.24
	10/11/16			--	8.90	0.00	642.37
	03/07/17			--	7.18	0.00	644.09
	10/23/17			--	6.91	0.00	644.36
	<b>04/17/18</b>			--	<b>7.24</b>	<b>0.00</b>	<b>644.03</b>
MW-3	08/15/14	100.38	2.0-10.0	--	8.52	0.00	91.86
	05/27/15			--	9.01	0.00	91.37
	03/28/16			--	5.82	0.00	644.98
	10/11/16			--	7.39	0.00	643.41
	03/07/17			--	6.75	0.00	644.05
	10/23/17			--	7.06	0.00	643.74
	<b>04/17/18</b>			--	<b>7.07</b>	<b>0.00</b>	<b>643.73</b>
MW-4	08/15/14	96.76	2.0-10.0	--	6.09	0.00	90.67
	05/27/15			--	6.61	0.00	90.15
	03/28/16			--	3.40	0.00	643.95
	10/11/16			--	7.25	0.00	640.10
	03/07/17			--	3.74	0.00	643.61
	10/23/17			--	3.68	0.00	643.67
	<b>04/17/18</b>			--	<b>3.87</b>	<b>0.00</b>	<b>643.48</b>
MW-5	03/28/16	649.75	2.0-9.20	--	5.30	0.00	644.45
	10/11/16			--	8.49	0.00	641.26
	03/07/17			--	5.54	0.00	644.21
	10/23/17			--	6.11	0.00	643.64
	<b>04/17/18</b>			--	<b>5.66</b>	<b>0.00</b>	<b>644.09</b>
MW-6	03/28/16	649.35	2.0-9.25	--	5.10	0.00	644.25
	10/11/16			--	9.07	0.00	640.28
	03/07/17			--	5.31	0.00	644.04
	10/23/17			--	5.05	0.00	644.30
	<b>04/17/18</b>			--	<b>5.36</b>	<b>0.00</b>	<b>643.99</b>
MW-7	03/28/16	647.82	2.0-7.90	--	4.36	0.00	643.46
	10/11/16			--	7.82	0.00	640.00
	03/07/17			--	4.28	0.00	643.54
	10/23/17			--	4.05	0.00	643.77
	<b>04/17/18</b>			--	<b>4.38</b>	<b>0.00</b>	<b>643.44</b>
MW-8	03/28/16	647.83	2.0-8.10	--	4.68	0.00	643.15
	10/11/16			--	7.74	0.00	640.09
	03/07/17			--	4.36	0.00	643.47
	10/23/17			--	4.32	0.00	643.51
	<b>04/17/18</b>			--	<b>4.53</b>	<b>0.00</b>	<b>643.30</b>

**TABLE 4**  
**SUMMARY OF LIQUID LEVEL GAUGING DATA**

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Well	Date Measured	Top of Casing Elevation (ft)	Screen Interval (ft)	Depth to NAPL from TOC (ft)	Depth to Water from TOC (ft)	Free Product Thickness (ft)	Corrected Groundwater Elevation (ft)
MW-9	03/28/16	647.80	1.0-6.0	--	4.48	0.00	643.32
	10/11/16			--	7.70	0.00	640.10
	03/07/17			--	4.51	0.00	643.29
	10/23/17			--	4.50	0.00	643.30
	<b>04/17/18</b>			--	<b>4.71</b>	<b>0.00</b>	<b>643.09</b>
MW-10	03/28/16	648.09	1.0-6.0	--	3.75	0.00	644.34
	10/11/16			--	7.75	0.00	640.34
	03/07/17			--	4.64	0.00	643.45
	10/23/17			--	4.67	0.00	643.42
	<b>04/17/18</b>			--	<b>4.79</b>	<b>0.00</b>	<b>643.30</b>
MW-11	03/28/16	647.49	1.0-6.0	--	4.50	0.00	642.99
	10/11/16			--	7.50	0.00	639.99
	03/07/17			--	3.92	0.00	643.57
	10/23/17			--	3.87	0.00	643.62
	<b>04/17/18</b>			--	<b>3.94</b>	<b>0.00</b>	<b>643.55</b>
MW-12	10/11/16	647.50	2-10	--	8.42	0.00	639.08
	03/07/17			--	2.41	0.00	645.09
	10/23/17			--	2.45	0.00	645.05
	<b>04/17/18</b>			--	<b>2.47</b>	<b>0.00</b>	<b>645.03</b>
MW-13	10/11/16	647.59	2-10	--	8.59	0.00	639.00
	03/07/17			--	3.13	0.00	644.46
	10/23/17			--	3.25	0.00	644.34
	<b>04/17/18</b>			--	<b>3.36</b>	<b>0.00</b>	<b>644.23</b>
MW-14	10/11/16	647.80	2-10	--	7.49	0.00	640.31
	03/07/17			--	4.57	0.00	643.23
	10/23/17			--	4.62	0.00	643.18
	<b>04/17/18</b>			--	<b>4.86</b>	<b>0.00</b>	<b>642.94</b>
MW-15	10/11/16	645.42	2-10	--	8.25	0.00	637.17
	03/07/17			--	5.34	0.00	640.08
	10/23/17			--	5.42	0.00	640.00
	<b>04/17/18</b>			--	<b>5.64</b>	<b>0.00</b>	<b>639.78</b>
MW-16	10/11/16	650.10	2-10	--	10.08	0.00	640.02
	03/07/17			--	6.44	0.00	643.66
	10/23/17			--	6.26	0.00	643.84
	<b>04/17/18</b>			--	<b>6.55</b>	<b>0.00</b>	<b>643.55</b>
MW-17	10/11/16	648.99	2-10	--	9.00	0.00	639.99
	03/07/17			--	4.87	0.00	644.12
	10/23/17			--	4.88	0.00	644.11
	<b>04/17/18</b>			--	<b>5.04</b>	<b>0.00</b>	<b>643.95</b>
PZ-1	10/11/16	646.37	13-15	--	7.37	0.00	639.00
	03/07/17			--	4.36	0.00	642.01
	10/23/17			--	4.38	0.00	641.99
	<b>04/17/18</b>			--	<b>4.61</b>	<b>0.00</b>	<b>641.76</b>
PZ-2	10/11/16	644.94	13-15	--	7.70	0.00	637.24
	03/07/17			--	4.93	0.00	640.01
	10/23/17			--	5.01	0.00	639.93
	<b>04/17/18</b>			--	<b>5.15</b>	<b>0.00</b>	<b>639.79</b>
PZ-3	10/11/16	648.30	13-15	--	8.24	0.00	640.06
	03/07/17			--	4.75	0.00	643.55
	10/23/17			--	4.53	0.00	643.77
	<b>04/17/18</b>			--	<b>4.88</b>	<b>0.00</b>	<b>643.42</b>

**TABLE 4**  
**SUMMARY OF LIQUID LEVEL GAUGING DATA**

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Well	Date Measured	Top of Casing Elevation (ft)	Screen Interval (ft)	Depth to NAPL from TOC (ft)	Depth to Water from TOC (ft)	Free Product Thickness (ft)	Corrected Groundwater Elevation (ft)
Sludge Pond Inlet Pipe	05/27/15	94.52	NA	--	1.00	0.00	93.52
Creek Discharge Pipe	05/27/15	90.84	NA	--	0.80	0.00	90.04

Notes:

TOC: Top of casing

ft: feet

Each monitoring well installed as a "stick-up" with approximately 2.5 feet of casing above ground surface.

Inlet and discharge pipe elevations are relative to the top of the pipe casing.

Inlet and discharge pipe water readings are surface water elevation at time of measurement.

## **TABLE 5** **GROUNDWATER ANALYTICAL RESULTS**

## Volatile Organic Compounds

Results reported in  $\mu\text{g/L}$

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	W-2	W-3	W-4	MW-1	MW-2	MW-3	MW-4	WW Inf	MW-1	MW-2	MW-3	MW-4	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10		
Lab Sample ID:		FA14532-18	FA14532-19	FA14532-20	FA14532-21	FA17490-1	FA17490-2	FA17490-3	FA17490-4	FA-17720-1	FA-24748-1	FA-24748-2	FA-24748-3	FA-24748-4	FA32706-5	FA32706-6	FA32706-7	FA32706-8	FA32706-9	FA32706-10	FA32706-11	FA32706-12	FA32706-13	FA32706-14	FA32706-15	FA32706-16	FA32706-17	FA32706-18	FA32706-19	FA32706-20		
Date Sampled:		4/25/2014	04/25/14	04/25/14	04/25/14	08/15/14	05/15/14	08/15/14	08/15/14	08/25/14	05/27/15	05/27/15	05/27/15	05/27/15	03/29/16	03/29/16	03/29/16	03/29/16	03/29/16	03/29/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16		
Acetone	4,000	175	194	310	160	<25	114	67.4	66.1	16.5 J	<25	275	<250	<630	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Acrolein	700	<20	<20	<20	<20	<25	<20	<20	<20	<25	<100	<200	<500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Acrylonitrile	200	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<50	<100	<250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzene	5	<1.0	<1.0	<1.0	0.25J	<1.0	0.45 J	0.29 J	0.58 J	<1.0	<1.0	2.5 J	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromobenzene	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromoform	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.33 J	<1.0	<1.0	<1.0	14.0	<10	<25	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	
Chlorobenzene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	13.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chloroethane	NE	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<20	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chloroform	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.77 J	6.1	<1.0	<5.0	<10	<25	30.2	<0.30	15.8	25.6	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	
o-Chlorotoluene	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
p-Chlorotoluene	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Chloroethyl vinyl ether	0.3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0		
Carbon disulfide	4,000	0.23J	0.21J	0.25J	<2.0	<2.0	0.56 J	0.44 J	0.34 J	<2.0	<2.0	<10	<20	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Carbon tetrachloride	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	30	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethylene	360	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,1-Dichloropropene	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	NE	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0		
1,2-Dibromoethane	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,3-Dichloropropane	1,000,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,4-Dioxane	NE	11900	11800	33100	10300	178 J	4470	4920	155000	<200	<200	28700	5930	43500 b	<93	<93	<93	<93	<93	<93	<93	<93	<93	64,600	1,250 (J)	1,630	1,180 (J)	<93	13,100	25,400	18,700	3,160
2,2-Dichloropropane	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA																	

**TABLE 5**  
**GROUNDWATER ANALYTICAL RESULTS**

Volatile Organic Compounds  
Results reported in µg/L

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	MW-11	104 Well	123 Well	143 Well	89 Well	WW Eff	WW Eff 1	WW Eff 2	SS2	SS3	WW Eff 1	WW Eff 2	SS2	SS3	Lift Station	WW Eff	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7						
Lab Sample ID:		FA14532-18	FA32706-2	FA31531-1	FA31531-2	FA32409-1	FA32409-2	FA33411-1	FA33644-1	FA33644-2	FA33644-3	FA33644-4	FA34307-1	FA34307-2	FA34307-3	FA34307-4	FA34307-5	FA35238-1	FA35817-1	FA36564-1	FA37318-1	FA38269-1	FA37767-1	FA37767-2	FA37767-3	FA37767-4	FA37767-5	FA37767-6	FA37767-7		
Date Sampled:		4/25/2014	03/29/16	02/18/16	02/18/16	03/18/16	03/18/16	04/22/16	05/03/16	05/03/16	05/03/16	05/03/16	05/26/16	05/26/16	05/26/16	05/26/16	05/26/16	06/30/16	07/28/16	08/26/16	09/26/16	10/28/16	10/11/16	10/11/16	10/11/16	10/11/16	10/11/16	10/12/16			
Acetone	4,000	175	NA	<10	<10	<10	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA											
Acrolein	700	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA															
Acrylonitrile	200	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA															
Benzene	5	<1.0	NA	<0.20	<0.20	<0.20	<0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA										
Bromobenzene	NE	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Bromo-chloromethane	NE	<1.0	<0.42	NA	NA	NA	NA	NA	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<4.2														
Bromo-dichloromethane	NE	<1.0	<0.24	NA	NA	NA	NA	NA	<0.24	0.52 (J)	0.83 (J)	0.34 (J)	0.29 (J)	0.44 (J)	<2.4																
Bromoform	NE	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
n-Butylbenzene	NE	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
sec-Butylbenzene	NE	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
tert-Butylbenzene	NE	<1.0	<0.40	<0.40	<0.40	<0.40	<0.40	NA	NA	NA	NA	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<4.0											
Chlorobenzene	100	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Chloroethane	NE	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Chloroform	NE	<1.0	<0.30	<0.30	<0.30	<0.30	<0.30	NA	NA	NA	NA	NA	1.8	2.4	5.2	1.7	1.8	2.0	<3.0												
o-Chlorotoluene	NE	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
p-Chlorotoluene	NE	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
2-Chloroethyl vinyl ether	0.3	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Carbon disulfide	4,000	0.23J	NA	<0.23	<0.23	<0.23	<0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA									
Carbon tetrachloride	5	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
1,1-Dichloroethane	30	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
1,1-Dichloroethylene	360	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
1,1-Dichloropropene	NE	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
1,1-Dibromo-3-chloropropane	NE	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
1,2-Dibromoethane	NE	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
1,2-Dichloroethane	0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
1,2-Dichloropropane	5	<1																													

## **TABLE 5** **GROUNDWATER ANALYTICAL RESULTS**

## Volatile Organic Compounds Results reported in µg/L

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

**TABLE 5**  
**GROUNDWATER ANALYTICAL RESULTS**

Volatile Organic Compounds  
Results reported in µg/L

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	SS3	LS	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	PZ-1	PZ-2	PZ-3	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6
Lab Sample ID:		FA14532-18	FA40984-4	FA40984-5	FA42055-1	FA42055-2	FA42055-3	FA42055-4	FA42055-5	FA42055-6	FA42055-7	FA42055-8	FA42055-9	FA42055-10	FA42055-11	FA42055-12	FA42055-13	FA42055-14	FA42055-15	FA42055-16	FA42055-17	FA42055-18	FA42055-19	FA42055-20	FA42055-21	FA42055-22	FA42055-23	FA42055-24		
Date Sampled:		4/25/2014	02/03/17	02/03/17	03/09/17	03/09/17	03/10/17	03/11/17	03/09/17	03/09/17	03/09/17	03/11/17	03/10/17	03/10/17	03/10/17	03/10/17	03/10/17	03/11/17	03/09/17	03/09/17	03/10/17	03/11/17	03/09/17	03/09/17	03/08/17	03/08/17	03/08/17	03/08/17		
Acetone	4,000	175	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
Acrolein	700	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
Acrylonitrile	200	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
Benzene	5	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
Bromobenzene	NE	<1.0	NA	NA	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	
Bromochloromethane	NE	<1.0	NA	NA	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	
Bromodichloromethane	NE	<1.0	NA	NA	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	
Bromoform	NE	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
n-Butylbenzene	NE	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
sec-Butylbenzene	NE	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
tert-Butylbenzene	NE	<1.0	NA	NA	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	0.69 (J)	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
Chlorobenzene	100	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
Chloroethane	NE	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
Chloroform	NE	<1.0	NA	NA	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	
o-Chlorotoluene	NE	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
p-Chlorotoluene	NE	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
2-Chloroethyl vinyl ether	0.3	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
Carbon disulfide	4,000	0.23J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
Carbon tetrachloride	5	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
1,1-Dichloroethane	30	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
1,1-Dichloroethylene	360	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
1,1-Dichloropropene	NE	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
1,2-Dibromo-3-chloropropane	NE	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
1,2-Dibromoethane	NE	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA												
1,2-Dichloroethane	0	<1.0																												

**TABLE 5**  
**GROUNDWATER ANALYTICAL RESULTS**

Volatile Organic Compounds  
Results reported in µg/L

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	WW Eff	WW1	WW2	SS2	SS3	LS	WW Eff2	WW Eff	WW Eff	WW Eff	WW Eff	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	
Lab Sample ID:		FA14532-18	FA42232-1	FA43500-1	FA43500-2	FA43500-3	FA43500-4	FA43500-5	FA44488-1	FA45518-1	FA46200-1	FA47068-1	FA48025-1	FA48823-1	FA48829-1	FA48829-2	FA48829-3	FA48829-4	FA48829-5	FA48829-6	FA48829-7	FA48829-8	FA48829-9	FA48829-10	FA48829-11	FA48829-12	FA48829-13	FA48829-14	FA48829-15
Date Sampled:		4/25/2014	03/20/17	04/27/17	04/27/17	04/27/17	04/27/17	04/27/17	05/30/17	06/30/17	07/27/17	08/25/17	09/29/17	10/26/17	10/23/17	10/23/17	10/25/17	10/24/17	10/24/17	10/25/17	10/25/17	10/25/17	10/25/17	10/26/17	10/26/17	10/26/17	10/26/17	10/25/17	
Acetone	4,000	175	NA	NA	NA	NA	NA																						
Acrolein	700	<20	NA	NA	NA	NA	NA																						
Acrylonitrile	200	<10	NA	NA	NA	NA	NA																						
Benzene	5	<1.0	NA	NA	NA	NA	NA																						
Bromobenzene	NE	<1.0	NA	NA	NA	NA	NA																						
Bromoform	NE	<1.0	NA	NA	NA	NA	NA																						
n-Butylbenzene	NE	<1.0	NA	NA	NA	NA	NA																						
sec-Butylbenzene	NE	<1.0	NA	NA	NA	NA	NA																						
tert-Butylbenzene	NE	<1.0	NA	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31											
Chlorobenzene	100	<1.0	NA	NA	NA	NA	NA																						
Chloroethane	NE	<2.0	NA	NA	NA	NA	NA																						
Chloroform	NE	<1.0	NA	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30											
o-Chlorotoluene	NE	<1.0	NA	NA	NA	NA	NA																						
p-Chlorotoluene	NE	<1.0	NA	NA	NA	NA	NA																						
2-Chloroethyl vinyl ether	0.3	<5.0	NA	NA	NA	NA	NA																						
Carbon disulfide	4,000	0.23J	NA	NA	NA	NA	NA																						
Carbon tetrachloride	5	<1.0	NA	NA	NA	NA	NA																						
1,1-Dichloroethane	30	<1.0	NA	NA	NA	NA	NA																						
1,1-Dichloroethylene	360	<1.0	NA	NA	NA	NA	NA																						
1,1-Dichloropropene	NE	<1.0	NA	NA	NA	NA	NA																						
1,2-Dibromo-3-chloropropane	NE	<2.0	NA	NA	NA	NA	NA																						
1,2-Dibromoethane	NE	<1.0	NA	NA	NA	NA	NA																						
1,2-Dichloroethane	0	<1.0	NA	NA	NA	NA	NA																						
1,2-Dichloropropane	5	<1.0	NA	NA	NA	NA	NA																						
1,3-Dichloropropane	1,000,000	<1.0	NA	NA	NA	NA	NA																						
1,4-Dioxane	NE	11900	25.0	<0.15	0.45	<0.15	9.9	16.2	4.5	2.4	5.6	11.9	<75	22,700	350	85.3 (J)	87.2	<75	755	232	1,370 (J)	<75	482	1,410	4,230	7,710	9,050		
2,2-Dichloropropane	NE	<1.0	NA	NA	NA	NA	NA																						
Dibromochloromethane	NE	<1.0	NA	NA	NA	NA	NA																						

## TABLE 5 GROUNDWATER ANALYTICAL RESULTS

## Volatile Organic Compounds

Results reported in  $\mu\text{g/L}$

LaGrange WWTP

2990 Whiteville Road (Highway 219)

## LaGrange, Troup County, Georgia

**TABLE 5**  
**GROUNDWATER ANALYTICAL RESULTS**

Volatile Organic Compounds  
Results reported in µg/L

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	MW-13	MW-14	MW-15	MW-16	MW-17	PZ-1	PZ-2	PZ-3	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	WW Eff
		FA14532-18	FA53607-4	FA53566-1	FA53566-2	FA53566-2	FA53566-2										
		Date Sampled:	4/25/2014	04/20/18	04/19/18	04/19/18	04/18/18	04/18/18	04/19/18	04/19/18	04/18/18	04/17/18	04/17/18	04/17/18	04/17/18	04/17/18	05/01/18
Acetone	4,000	175	NA	NA													
Acrolein	700	<20	NA	NA													
Acrylonitrile	200	<10	NA	NA													
Benzene	5	<1.0	NA	NA													
Bromobenzene	NE	<1.0	NA	NA													
Bromochloromethane	NE	<1.0	<0.45	<0.45	<0.45	<0.45	<0.45	<2.3	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<4.5
Bromodichloromethane	NE	<1.0	<0.24	<0.24	<0.24	<0.24	<0.24	<1.2	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<2.4
Bromoform	NE	<1.0	NA	NA													
n-Butylbenzene	NE	<1.0	NA	NA													
sec-Butylbenzene	NE	<1.0	NA	NA													
tert-Butylbenzene	NE	<1.0	<0.31	<0.31	<0.31	<0.31	<0.31	<1.6	<0.31	0.93 (J)	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<3.1
Chlorobenzene	100	<1.0	NA	NA													
Chloroethane	NE	<2.0	NA	NA													
Chloroform	NE	<1.0	<0.30	<0.30	<0.30	<0.30	<0.30	<1.5	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<3.0
o-Chlorotoluene	NE	<1.0	NA	NA													
p-Chlorotoluene	NE	<1.0	NA	NA													
2-Chloroethyl vinyl ether	0.3	<5.0	NA	NA													
Carbon disulfide	4,000	0.23J	NA	NA													
Carbon tetrachloride	5	<1.0	NA	NA													
1,1-Dichloroethane	30	<1.0	NA	NA													
1,1-Dichloroethylene	360	<1.0	NA	NA													
1,1-Dichloropropene	NE	<1.0	NA	NA													
1,2-Dibromo-3-chloropropane	NE	<2.0	NA	NA													
1,2-Dibromoethane	NE	<1.0	NA	NA													
1,2-Dichloroethane	0	<1.0	NA	NA													
1,2-Dichloropropane	5	<1.0	NA	NA													
1,3-Dichloropropane	1,000,000	<1.0	NA	NA													
1,4-Dioxane	NE	11900	2,630	28,200	4,890	<75	<75	3,680	<75	851	<75	<75	<75	<75	<75	<750	8.5
2,2-Dichloropropane	NE	<1.0	NA	NA													
Dibromochloromethane	NE	<1.0	NA	NA													
Dichlorodifluoromethane	1000	<2.0	NA	NA													
cis-1,2-Dichloroethylene	70	<1.0	NA	NA													
cis-1,3-Dichloropropene	2	<1.0	NA	NA													
m-Dichlorobenzene	600	<1.0	NA	NA													
o-Dichlorobenzene	600	<1.0	NA	NA													
p-Dichlorobenzene	600	<1.0	NA	NA													
trans-1,2-Dichloroethylene	100	<1.0	NA	NA													
trans-1,3-Dichloropropene	2	<1.0	NA	NA													
Ethylbenzene	700	<1.0	NA	NA													
Ethyl Alcohol	NE	867	<82	<82	<82	<82	<82	<410	<82	<82	<82	<82	<82	<82	<820	<820	NA
2-Hexanone	NE	3.4J	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	NA
Hexachlorobutadiene	1	<2.0	NA	NA													
Isopropylbenzene	NE	<1.0	NA	NA													
p-Isopropyltoluene	NE	<1.0	NA	NA													



## TABLE 5 GROUNDWATER ANALYTICAL RESULTS

## Volatile Organic Compounds

Results reported in  $\mu\text{g/L}$

LaGrange WWTP

2990 Whiteville Road (Highway 219)

## LaGrange, Troup County, Georgia

### Notes:

$\mu\text{g/L}$ : micrograms per liter

**Bold:** Values in bold exceed the Laboratory detection limit

Shaded: Values which are shaded exceed the Applicable Standard

Applicable Standard: Concentration values obtained from Appendix III Table 1 of OCGA § 391-3-19

Constituents with no reported RRS value are evaluated to their laboratory detection limit.

### Constituents with no

Ex: Indicates value exceeds calibration range

E: Indicates value exceeds calibration limit

J: Indicates an estimated value

B: Indicates analyte found in associated method blank

N: Indicates presumptive evidence of a compound

U: Indicates value is less than the Method D

a: Sample treated with anti-foaming agent.

## **TABLE 5 GROUNDWATER ANALYTICAL RESULTS**

## Volatile Organic Compounds

Results reported in  $\mu\text{g/L}$

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

## Notes:

$\mu\text{g/L}$ : micrograms per liter

**Bold:** Values in bold exceed the Laboratory detection limit

Shaded: Values which are shaded exceed the Applicable Standard

Applicable Standard: Concentration values obtained from Appendix III, Table 1 of OCGA § 391-3-19.

Applicable Standard. Concentration values obtained from Appendix III Table I of UCGA § 100-10.1(e) are evaluated to their laboratory detection limit.

#### NA: Not Analyzed

NA: Not Analyzed

E: Indicates value exceeds calibration limit

J: Indicates an estimated value

B: Indicates analyte found in associated method b

N: Indicates presumptive evidence of a compound

U: Indicates value is less than the Method Detect

a: Sample treated with anti-foaming agent.

b: Dilution required due to matrix interference.

## **TABLE 5 GROUNDWATER ANALYTICAL RESULTS**

## Volatile Organic Compounds

Results reported in  $\mu\text{g/L}$

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

## TABLE 5 GROUNDWATER ANALYTICAL RESULTS

## Volatile Organic Compounds

Results reported in  $\mu\text{g/L}$

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

## TABLE 5 GROUNDWATER ANALYTICAL RESULTS

## Volatile Organic Compounds

Results reported in  $\mu\text{g/L}$

LaGrange WWTP

2990 Whiteville Road (Highway 219)

## LaGrange, Troup County, Georgia

**TABLE 5**  
**GROUNDWATER ANALYTICAL RESULTS**

Volatile Organic Compounds  
Results reported in µg/L

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	MW-13	MW-14	MW-15	MW-16	MW-17	PZ-1	PZ-2	PZ-3	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	WW Eff
Lab Sample ID:		FA14532-18	FA53607-4	FA53566-1	FA53566-2	FA53566-2	FA53566-2	FA53955-1									
Date Sampled:		4/25/2014	04/20/18	04/19/18	04/19/18	04/18/18	04/18/18	04/19/18	04/19/18	04/18/18	04/17/18	04/17/18	04/17/18	04/17/18	04/17/18	04/17/18	05/01/18
4-Methyl-2-pentanone	NE	3.0J	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	NA
Methyl bromide	10	<2.0	NA														
Methyl chloride	3	<2.0	NA														
Methylene bromide	400	<2.0	NA														
Methylene chloride	5	<5.0	NA														
Methyl ethyl ketone	2,000	12.8	NA														
Methyl Tert Butyl Ether	NE	1.5	0.29 (J)	1.3	<0.23	<0.23	<0.23	<1.1	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<2.3	NA
Naphthalene	20	<5.0	NA														
n-Propylbenzene	NE	<1.0	NA														
Styrene	100	<1.0	NA														
1,1,1,2-Tetrachloroethane	7	<1.0	NA														
1,1,1-Trichloroethane	200	<1.0	NA														
1,1,2,2-Tetrachloroethane	1,030	<1.0	NA														
1,1,2-Trichloroethane	500	<1.0	NA														
1,2,3-Trichlorobenzene	70	<1.0	NA														
1,2,3-Trichloropropane	40	<2.0	NA														
1,2,4-Trichlorobenzene	7	<1.0	NA														
1,2,4-Trimethylbenzene	NE	0.79J	<0.32	<0.32	<0.32	<0.32	<0.32	<1.6	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<3.2	NA
1,3,5-Trimethylbenzene	NE	<2.0	<0.27	<0.27	<0.27	<0.27	<0.27	<1.4	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<2.7	NA
Tetrachloroethylene	5	<1.0	NA														
Toluene	1,000	2.0	NA														
Trichloroethylene	5	<1.0	NA														
Trichlorofluoromethane	2,000	<2.0	NA														
Vinyl chloride	40	<1.0	NA														
Vinyl Acetate	510	<10	NA														
m,p-Xylene	10,000	0.51J	NA														
o-Xylene	10,000	0.50J		NA													

**TABLE 6**  
**GROUNDWATER ANALYTICAL RESULTS**

Semi-Volatile Organic Compounds  
Results reported in µg/L

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	W-2	W-3	W-4	MW-1	MW-2	MW-3	MW-4	WW Influent	MW-1	MW-2	MW-3	MW-4	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10
Lab Sample ID:		FA14532-18	FA14532-19	FA14532-20	FA14532-21	FA17490-1	FA17490-2	FA17490-3	FA17490-4	FA17720-1	FA24748-1	FA24748-2	FA24748-3	FA24748-4	FA32706-5	FA32706-6	FA32706-7	FA32706-8	FA32706-9	FA32706-10	FA32706-11	FA32706-12	FA32706-13	FA32706-14	FA32706-15	FA32706-16	FA32706-17	FA32706-18	FA32706-19	FA32706-20
Date Sampled:		04/25/14	04/25/14	04/25/14	04/25/14	08/15/14	05/15/14	08/15/14	08/15/14	08/25/14	05/27/15	05/27/15	05/27/15	05/27/15	03/29/16	03/29/16	03/29/16	03/29/16	03/29/16	03/29/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16
Benzoic Acid	NE	<190	<190	157J	<480	<47	<480	<480	<960	<190	<50	<1000	<200	<50	2.2 (J)	<11	<10	<10	<11	<13	<11	<11	<9.5	<12	<11	<11	<13	<13	<13	
2-Chlorophenol	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methyl phenol	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	20	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	700	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	70	<94	<94	<240	<240	<24	<240	<240	<480	<94	<25	<500	<100	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-o-cresol	NE	<38	<38	<96	<95	<9.4	<95	<95	<190	<38	<10	<200	<40	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3&4-Methylphenol	NE	13.1J	16.7J	34.4J	<48	<4.7	27.5 J	<48	<96	56.9	<5.0	<100	<20	<5.0	<0.13	<1.1	<1.1	<1.1	<1.2	<1.2	<1.3	<1.2	<1.1	<1.0	<1.2	<1.2	<1.2	<1.4	<1.3	
2-Nitrophenol	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NE	<94	<94	<240	<240	<24	<240	<240	<480	<94	<25	<500	<100	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	1	<94	<94	<240	<240	<24	<240	<240	<480	<94	<25	<500	<100	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	4,000	128	181	294	39.7J	<4.7	48.9	20.9	16.0 J	<19	<5.0	12.5 J	44.7	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	4,000	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	30	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	2,000	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aniline	6	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	0.0002	<94	<94	<240	<240	<24	<240	<240	<480	<94	<25	<500	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA						
Benzo(a)anthracene	0.01	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	<19	<19	<48	<48	<4.7	<48	<48</td																						

**TABLE 6**  
**GROUNDWATER ANALYTICAL RESULTS**  
Semi-Volatile Organic Compounds  
Results reported in µg/L

LaGrange WWTP

2990 Whiteville Road (Highway 219)

LaGrange, Troup County, Georgia

LaGrange WWTP

2990 Whiteville Road (Highway 219)

## LaGrange, Troup County, Georgia

**TABLE 6**  
**GROUNDWATER ANALYTICAL RESULTS**

## Semi-Volatile Organic Compounds

Results reported in  $\mu\text{g/L}$

LaGrange WWTP

2990 Whiteville Road (Highway 219)

## LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	SW-6	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	PZ-1	PZ-2	PZ-3	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	MW-1	MW-2	MW-3	
Lab Sample ID:		FA14532-18	FA37767-21	FA42055-1	FA42055-2	FA42055-3	FA42055-4	FA42055-5	FA42055-6	FA42055-7	FA42055-8	FA42055-24	FA42055-9	FA42055-10	FA42055-11	FA42055-12	FA42055-13	FA42055-14	FA42055-15	FA42055-16	FA42055-17	FA42055-18	FA42055-19	FA42055-20	FA42055-21	FA42055-22	FA42055-23	FA42055-24	FA48829-1	FA48829-2	FA48829-3		
Date Sampled:	04/25/14	10/13/16	03/09/17	03/09/17	03/10/17	03/11/17	03/09/17	03/09/17	03/11/17	03/10/17	03/10/17	03/10/17	03/10/17	03/10/17	03/10/17	03/10/17	03/10/17	03/10/17	03/10/17	03/10/17	03/09/17	03/09/17	03/09/17	03/08/17	03/08/17	03/08/17	03/08/17	03/08/17	03/08/17	10/23/17	10/23/17	10/23/17	
Benzoic Acid	NE	<190	<11	<38	<38	<38	<40	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<9.5	<190	<95	
2-Chlorophenol	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
4-Chloro-3-methyl phenol	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
2,4-Dichlorophenol	20	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
2,4-Dimethylphenol	700	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
2,4-Dinitrophenol	70	<94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
4,6-Dinitro-o-cresol	NE	<38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
2-Methylphenol	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
3&4-Methylphenol	NE	13.1J	<1.2	<3.8	<3.8	<3.8	<3.9	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<0.93	<19	<9.3	
2-Nitrophenol	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
4-Nitrophenol	NE	<94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Pentachlorophenol	1	<94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Phenol	4,000	128	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
2,4,5-Trichlorophenol	4,000	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
2,4,6-Trichlorophenol	30	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Acenaphthene	2,000	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Acenaphthylene	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Aniline	6	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Anthracene	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Benzidine	0.0002	<94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Benzo(a)anthracene	0.01	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Benzo(a)pyrene	0.2	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Benzo(b)fluoranthene	0.2	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Benzo(g,h,i)perylene	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Benzo(k)fluoranthene	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
4-Bromophenyl phenyl ether	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Butyl benzyl phthalate	100	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Benzyl Alcohol	NE	<19	<0.62	<2.4	<2.4	<2.5	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<0.58	<12	<5.8
2-Chloronaphthalene	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Carbazole	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chrysene	0.2	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethyl)ether	0.03	<19</td																															

**TABLE 6**  
**GROUNDWATER ANALYTICAL RESULTS**

Semi-Volatile Organic Compounds  
Results reported in µg/L

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	PZ-1	PZ-2	PZ-3	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7
Lab Sample ID:		FA14532-18	FA48829-4	FA48829-5	FA48829-6	FA48829-7	FA48829-8	FA48829-9	FA48829-10	FA48829-11	FA48829-12	FA48829-13	FA48829-14	FA48829-15	FA48829-16	FA48829-17	FA48829-18	FA48829-19	FA48829-20	FA48829-21	FA48829-22	FA48829-23	FA48829-24	FA48829-25	FA48829-26	FA53566-1	FA53566-2	FA53566-3	FA53566-4	FA53566-5	FA53566-6	FA53566-7
Date Sampled:		04/25/14	10/25/17	10/24/17	10/24/17	10/25/17	10/25/17	10/26/17	10/26/17	10/26/17	10/26/17	10/26/17	10/26/17	10/25/17	10/24/17	10/24/17	10/25/17	10/25/17	10/24/17	10/24/17	10/23/17	10/23/17	10/23/17	10/23/17	10/23/17	04/17/18	04/17/18	04/18/18	04/18/18	04/18/18	04/18/18	04/18/18
Benzoic Acid	NE	<190	<9.5	<9.5	<9.5	<9.5	<9.6	<48	<9.5	<9.6	<9.6	<9.7	<9.6	<9.7	<9.5	<9.5	<190	<9.5	<9.5	<9.4	<9.5	<9.6	<9.7	<9.9	<9.8	<9.4	<38	<9.5	<9.5	<9.6	<9.6	<9.5
2-Chlorophenol	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
4-Chloro-3-methyl phenol	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
2,4-Dichlorophenol	20	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
2,4-Dimethylphenol	700	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
2,4-Dinitrophenol	70	<94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
4,6-Dinitro-o-cresol	NE	<38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
2-Methylphenol	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
3&4-Methylphenol	NE	13.1J	<0.93	<0.93	<0.93	<0.94	<4.7	<0.93	<0.94	<0.94	<0.95	<0.94	<0.95	<0.93	<0.93	<19	<0.93	<0.93	<0.92	<0.93	<0.94	<0.95	<0.97	<0.96	<0.92	<3.7	<0.93	<0.94	<0.94	<0.93	<0.94	<0.93
2-Nitrophenol	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
4-Nitrophenol	NE	<94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
Pentachlorophenol	1	<94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
Phenol	4,000	128	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
2,4,5-Trichlorophenol	4,000	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
2,4,6-Trichlorophenol	30	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
Acenaphthene	2,000	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
Acenaphthylene	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
Aniline	6	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
Anthracene	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
Benzidine	0.0002	<94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
Benzo(a)anthracene	0.01	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
Benzo(a)pyrene	0.2	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
Benzo(b)fluoranthene	0.2	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
Benzo(g,h,i)perylene	NE	<19	NA	NA	NA	NA	NA																									

**TABLE 6**  
**GROUNDWATER ANALYTICAL RESULTS**  
Semi-Volatile Organic Compounds  
Results reported in µg/L

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

**TABLE 6****GROUNDWATER ANALYTICAL RESULTS**

Semi-Volatile Organic Compounds

Results reported in µg/L

LaGrange WWTP

2990 Whiteville Road (Highway 219)

LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	W-2	W-3	W-4	MW-1	MW-2	MW-3	MW-4	WW Influent	MW-1	MW-2	MW-3	MW-4	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10
Lab Sample ID:		FA14532-18	FA14532-19	FA14532-20	FA14532-21	FA17490-1	FA17490-2	FA17490-3	FA17490-4	FA17720-1	FA24748-1	FA24748-2	FA24748-3	FA24748-4	FA32706-5	FA32706-6	FA32706-7	FA32706-8	FA32706-9	FA32706-10	FA32706-11	FA32706-12	FA32706-13	FA32706-14	FA32706-15	FA32706-16	FA32706-17	FA32706-18	FA32706-19	FA32706-20
Date Sampled:		04/25/14	04/25/14	04/25/14	04/25/14	08/15/14	05/15/14	08/15/14	08/15/14	08/25/14	05/27/15	05/27/15	05/27/15	05/27/15	03/29/16	03/29/16	03/29/16	03/29/16	03/29/16	03/29/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16	03/28/16
3,3'-Dichlorobenzidine	0.08	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.3	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	700	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	5,000	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	400,000	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1,000	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	1,000	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	1	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	1	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	50	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	1	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.4	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	100	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	20	<b>6.7J</b>	<b>5.8J</b>	<48	<48	<4.7	<48	<48																						

**TABLE 6**  
**GROUNDWATER ANALYTICAL RESULTS**  
Semi-Volatile Organic Compounds  
Results reported in µg/L

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	MW-11	104 Well	123 Well	143 Well	89 Well	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	PZ-1	PZ-2	PZ-3	SW-1	SW-2	SW-4	SW-5
Lab Sample ID:	FA14532-18	FA32706-2	FA31531-1	FA31531-2	FA32409-1	FA32409-2	FA37767-1	FA37767-2	FA37767-3	FA37767-4	FA37767-5	FA37767-6	FA37767-7	FA37767-8	FA37767-9	FA37767-10	FA37767-11	FA37767-12	FA37767-13	FA37767-14	FA37767-15	FA37767-16	FA37767-17	FA37767-18	FA37767-19	FA37767-20	FA37767-21	FA37767-22	FA37767-23		
Date Sampled:	04/25/14	03/29/16	02/18/16	02/18/16	03/18/16	03/18/16	10/11/16	10/11/16	10/11/16	10/11/16	10/11/16	10/11/16	10/12/16	10/13/16	10/13/16	10/13/16	10/12/16	10/11/16	10/12/16	10/12/16	10/13/16	10/12/16	10/11/16	10/12/16	10/12/16	10/13/16	10/13/16	10/13/16			
3,3'-Dichlorobenzidine	0.08	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Dibenzo(a,h)anthracene	0.3	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Dibenzofuran	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Di-n-butyl phthalate	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Di-n-octyl phthalate	700	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Diethyl phthalate	5,000	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Dimethyl phthalate	400,000	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
bis(2-Ethylhexyl)phthalate	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Fluoranthene	1,000	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Fluorene	1,000	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Hexachlorobenzene	1	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Hexachlorobutadiene	1	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Hexachlorocyclopentadiene	50	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Hexachloroethane	1	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Indeno(1,2,3-cd)pyrene	0.4	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Isophorone	100	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
1-Methylnaphthalene	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
2-Methylnaphthalene	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
2-Nitroaniline	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
3-Nitroaniline	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
4-Nitroaniline	NE	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Naphthalene	20	<b>6.7J</b>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Nitrobenzene	20	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
N-Nitrosodimethylamine	0.0007	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
N-Nitroso-di-n-propylamine	0.0005	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
N-Nitrosodiphenylamine	0.0002	<19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Phenanthrene	NE	<19	NA																												

**TABLE 6**  
**GROUNDWATER ANALYTICAL RESULTS**

## Semi-Volatile Organic Compounds

Results reported in  $\mu\text{g/L}$

LaGrange WWTP

2990 Whiteville Road (Highway 219)

## LaGrange, Troup County, Georgia

**TABLE 6**  
**GROUNDWATER ANALYTICAL RESULTS**

## Semi-Volatile Organic Compounds

Results reported in  $\mu\text{g/L}$

LaGrange WWTP

2990 Whiteville Road (Highway 219)

## LaGrange, Troup County, Georgia

**TABLE 6**  
**GROUNDWATER ANALYTICAL RESULTS**  
Semi-Volatile Organic Compounds  
Results reported in µg/L

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L FA14532-18	W-1	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	PZ-1	PZ-2	PZ-3	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6
Lab Sample ID:		FA53566-8	FA53566-9	FA53607-1	FA53607-2	FA53607-3	FA53607-4	FA53566-1	FA53566-2	FA53566-2											
Date Sampled:		04/25/14	04/19/18	04/19/18	04/20/18	04/20/18	04/20/18	04/20/18	04/19/18	04/19/18	04/18/18	04/18/18	04/19/18	04/19/18	04/18/18	04/17/18	04/17/18	04/17/18	04/17/18	04/17/18	04/17/18
3,3'-Dichlorobenzidine	0.08	<19	NA	NA																	
Dibenzo(a,h)anthracene	0.3	<19	NA	NA																	
Dibenzofuran	NE	<19	NA	NA																	
Di-n-butyl phthalate	NE	<19	NA	NA																	
Di-n-octyl phthalate	700	<19	NA	NA																	
Diethyl phthalate	5,000	<19	NA	NA																	
Dimethyl phthalate	400,000	<19	NA	NA																	
bis(2-Ethylhexyl)phthalate	NE	<19	NA	NA																	
Fluoranthene	1,000	<19	NA	NA																	
Fluorene	1,000	<19	NA	NA																	
Hexachlorobenzene	1	<19	NA	NA																	
Hexachlorobutadiene	1	<19	NA	NA																	
Hexachlorocyclopentadiene	50	<19	NA	NA																	
Hexachloroethane	1	<19	NA	NA																	
Indeno(1,2,3-cd)pyrene	0.4	<19	NA	NA																	
Isophorone	100	<19	NA	NA																	
1-Methylnaphthalene	NE	<19	NA	NA																	
2-Methylnaphthalene	NE	<19	NA	NA																	
2-Nitroaniline	NE	<19	NA	NA																	
3-Nitroaniline	NE	<19	NA	NA																	
4-Nitroaniline	NE	<19	NA	NA																	
Naphthalene	20	<b>6.7J</b>	NA	NA																	
Nitrobenzene	20	<19	NA	NA																	
N-Nitrosodimethylamine	0.0007	<19	NA	NA																	
N-Nitroso-di-n-propylamine	0.0005	<19	NA	NA																	
N-Nitrosodiphenylamine	0.0002	<19	NA	NA																	
Phenanthrene	NE	<19	NA	NA																	
Pyrene	1,000	<19	NA	NA																	
Pyridine	40	<38	NA	NA																	
1,2,4-Trichlorobenzene	70	<19	NA	NA																	

**TABLE 7**  
**GROUNDWATER ANALYTICAL RESULTS**

Total and Dissolved Metals

Results reported in µg/L

LaGrange WWTP

2990 Whiteville Road (Highway 219)

LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	W-2	W-3	W-4	MW-1	MW-2	MW-3	MW-4	MW-1	MW-2	MW-3	MW-4	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	MW-1	
Lab Sample ID:		FA14532-18	FA14532-19	FA14532-20	FA14532-21	FA17490-1	FA17490-2	FA17490-3	FA17490-4	FA-24748-1	FA-24748-2	FA-24748-3	FA-24748-4	FA32706-5	FA32706-6	FA32706-7	FA32706-8	FA32706-9	FA32706-10	FA32706-11	
Date Sampled:	4/25/2014	4/25/2014	4/25/2014	4/25/2014	8/15/2014	5/15/2014	8/15/2014	8/15/2014	5/27/2015	5/27/2015	5/27/2015	5/27/2015	3/29/2016	3/29/2016	3/29/2016	3/29/2016	3/29/2016	3/29/2016	3/28/2016		
Arsenic Total	10	<10	<10	<10	<10	<10	<10	<10	<10	1.3 U	9.3 J	2.1 J	3.8 J	NA	NA	NA	NA	NA	NA	NA	
Barium Total	2,000	<200	<200	204	<200	<200	755	209	503	70.7 J	807	67.2 J	186 J	238	238	241	241	417	266	46.6 (J)	
Cadmium Total	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	0.20 U	0.20 U	0.20 U	0.20 U	NA	NA	NA	NA	NA	NA	NA	
Chromium Total	100	<10	<10	11.4	24.9	<10	<10	<10	<10	1.0 U	11.5	1.6 J	11.4	NA	NA	NA	NA	NA	NA	NA	
Cobalt Total	NE	<50	<50	60.1	<50	<50	109	109	388	NA	NA	NA	NA	37.4 (J)	37.2 (J)	37.7 (J)	37.5 (J)	28.6 (J)	19.9 (J)	0.30 (J)	
Lead Total	15	<5.0	5.2	<5.0	76.2	17.8	8.4	<5.0	<5.0	1.7 J	15.9	2.2 J	9.3	38.0	35.5	36.8	35.4	51.6	31.7	1.1 (U)	
Mercury Total	2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.030 U	0.030 U	0.03 U	0.063 J	NA	NA	NA	NA	NA	NA	NA	
Nickle Total	100	<10	<10	<10	<10	<40	<40	<40	<40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Selenium Total	50	<10	<10	<10	<10	<10	<10	<10	<10	2.9 U	6.5 J	6.4J	7.3 J	NA	NA	NA	NA	NA	NA	NA	
Silver Total	100	NA	NA	NA	NA	<10	<10	<10	<10	0.70 U	0.70 U	0.70 U	0.80 J	NA	NA	NA	NA	NA	NA	NA	
Arsenic Dissolved	10	NA	NA	NA	NA	<10	<10	<10	<10	1.3 U	3.4 J	1.3 U	1.3 U	NA	NA	NA	NA	NA	NA	NA	
Barium Dissolved	2,000	NA	NA	NA	NA	<200	755	<200	527	61.0 J	599	30.4 J	112 J	NA	NA	NA	NA	NA	NA	NA	
Cadmium Dissolved	5	NA	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	0.20 U	0.20 U	0.20 U	0.20 U	NA	NA	NA	NA	NA	NA	NA	
Chromium Dissolved	100	NA	NA	NA	NA	<10	<10	<10	<10	1.0 U	2.3 J	1.2 J	4.2 J	NA	NA	NA	NA	NA	NA	NA	
Cobalt Dissolved	NE	NA	NA	NA	NA	<50	108	102	408	NA	NA	NA	NA	22.8 (J)	3.4 (J)	3.5 (J)	18.7 (J)	13.0 (J)	18.0 (J)	0.40 (J)	
Lead Dissolved	15	NA	NA	NA	NA	NA	19.2	8.9	<5.0	<5.0	1.1 U	1.4 J	1.4 J	2.2 J	1.1 (U)	1.1 (U)	1.1 (U)	1.5 (J)	1.1 (U)	1.3 (J)	1.1 (U)
Mercury Dissolved	2	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<0.50	0.030 U	0.030 U	0.030 U	0.030 U	NA	NA	NA	NA	NA	NA	NA
Nickle Dissolved	100	NA	NA	NA	NA	NA	<40	<40	<40	<40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Selenium Dissolved	50	NA	NA	NA	NA	NA	<10	<10	<10	<10	3.6 J	7.7 J	4.8 J	15.1	NA	NA	NA	NA	NA	NA	NA
Silver Dissolved	100	NA	NA	NA	NA	NA	<10	<10	<10	<10	1.0 J	3.5 J	1.7 J	3.5 J	NA	NA	NA	NA	NA	NA	NA

Notes:

µg/L: micrograms per liter

Bold: Values in bold exceed the Laboratory detection limit

Shaded: Values which are shaded exceed the Applicable Standard

Applicable Standard: Concentration values obtained from Appendix III Table 1 of OCGA § 391-3-.19

Constituents with no reported RRS value are evaluated to their laboratory detection limit.

NA: Not Analyzed

E: Indicates value exceeds calibration range

J: Indicates an estimated value

B: Indicates analyte found in associated method blank

N: Indicates presumptive evidence of a compound

U: Indicates value is less than the Method Detection Limit

a: Sample treated with anti-foaming agent.

b: Dilution required due to matrix interference.

**TABLE 7**  
**GROUNDWATER ANALYTICAL RESULTS**

Total and Dissolved Metals  
Results reported in µg/L

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	104 Well	123 Well	143 Well	89 Well	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7
Lab Sample ID:		FA14532-18	FA32706-12	FA32706-13	FA32706-14	FA32706-15	FA32706-16	FA32706-17	FA32706-18	FA32706-19	FA32706-20	FA32706-21	FA31531-1	FA31531-2	FA32409-1	FA32409-2	FA37767-1	FA37767-2	FA37767-3	FA37767-4	FA-37767-5	FA37767-6	FA37767-7
Date Sampled:		4/25/2014	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/29/2016	2/18/2016	2/18/2016	3/18/2016	3/18/2016	10/11/2016	10/11/2016	10/11/2016	10/11/2016	10/11/2016	10/11/2016	10/12/2016	
Arsenic Total	10	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA										
Barium Total	2,000	<200	721	119 (J)	174 (J)	22.2 (J)	67.1 (J)	241	241	154 (J)	132 (J)	201	NA	NA	NA	NA	35.5 (J)	60.1 (J)	50.4 (J)	324	38.7 (J)	49.7 (J)	47.6 (J)
Cadmium Total	5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA										
Chromium Total	100	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA										
Cobalt Total	NE	<50	46.6 (J)	5.4 (J)	1,610	0.20 (J)	1.0 (J)	54.9	95.4	29.8 (J)	69.3	18.1 (J)	NA	NA	NA	NA	1.2 (J)	1.8 (J)	1.0 (J)	2,540	1.7 (J)	1.0 (J)	4.9 (J)
Lead Total	15	<5.0	13.9	9.0	4.9 (J)	1.1 (U)	11.5	27.8	25.2	1.4 (J)	19.3	6.5	1.1 (U)	1.6 (J)	1.1 (U)	8.3	1.1 (U)	2.0 (J)	4.6 (J)	29.2	1.1 (U)	3.3 (J)	1.1 (U)
Mercury Total	2	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA										
Nickle Total	100	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA										
Selenium Total	50	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA										
Silver Total	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA											
Arsenic Dissolved	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA											
Barium Dissolved	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA											
Cadmium Dissolved	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA											
Chromium Dissolved	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA											
Cobalt Dissolved	NE	NA	45.8 (J)	9.0 (J)	1,570	0.30 (J)	0.40 (J)	36.9 (J)	77.2	22.2 (J)	62.4	15.3 (J)	NA	NA	NA	NA	0.70 (J)	1.5 (J)	0.80 (J)	487	1.8 (J)	3.5 (J)	4.7 (J)
Lead Dissolved	15	NA	1.1 (U)	2.0 (J)	1.1 (J)	1.1 (U)	1.1 (U)	1.5 (J)	1.6 (J)	1.1 (U)	1.1 (U)	1.7 (J)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (J)	1.1 (U)						
Mercury Dissolved	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA											
Nickle Dissolved	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA											
Selenium Dissolved	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA											
Silver Dissolved	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA											

Notes:

µg/L: micrograms per liter

Bold: Values in bold exceed the Laboratory detection limit

Shaded: Values which are shaded exceed the Applicable Standard

Applicable Standard: Concentration values obtained from Appendix III Table 1 of OCGA § 391-3-19

Constituents with no reported RRS value are evaluated to their laboratory detection limit.

NA: Not Analyzed

E: Indicates value exceeds calibration range

J: Indicates an estimated value

B: Indicates analyte found in associated method blank

N: Indicates presumptive evidence of a compound

U: Indicates value is less than the Method Detection Limit

a: Sample treated with anti-foaming agent.

b: Dilution required due to matrix interference.

**TABLE 7****GROUNDWATER ANALYTICAL RESULTS**

Total and Dissolved Metals

Results reported in µg/L

LaGrange WWTP

2990 Whiteville Road (Highway 219)

LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	PZ-1	PZ-2	PZ-3	SW-1	SW-2	SW-4	SW-5	SW-6	MW-1	MW-2	MW-3
Lab Sample ID:		FA14532-18	FA37767-8	FA37767-9	FA37767-10	FA37767-11	FA37767-12	FA37767-13	FA37767-14	FA37767-15	FA37767-16	FA37767-17	FA37767-18	FA37767-19	FA37767-20	FA37767-23	FA37767-24	FA37767-25	FA37767-21	FA37767-22	FA42055-1	FA42055-2	FA42055-3
Date Sampled:		4/25/2014	10/13/2016	10/13/2016	10/13/2016	10/12/2016	10/11/2016	10/12/2016	10/12/2016	10/13/2016	10/12/2016	10/12/2016	10/11/2016	10/12/2016	10/12/2016	10/13/2016	10/13/2016	10/13/2016	10/13/2016	10/13/2016	3/9/2017	3/9/2017	3/10/2017
Arsenic Total	10	<10	NA	NA	NA	NA																	
Barium Total	2,000	<200	770	190 (J)	279	57.3 (J)	48.9 (J)	45.1 (J)	40.2 (J)	50.0 (J)	332	135 (J)	117 (J)	137 (J)	188 (J)	12.1 (J)	11.5 (J)	11.9 (J)	106 (J)	122 (J)	68.4 (J)	385	104 (J)
Cadmium Total	5	<5.0	NA	NA	NA	NA																	
Chromium Total	100	<10	NA	NA	NA	NA																	
Cobalt Total	NE	<50	71.6	13.6 (J)	20.4 (J)	1.2 (J)	0.60 (J)	3.2 (J)	3.6 (J)	1.8 (J)	48.5 (J)	149	294	2,910	2,010	0.20 (U)	0.20 (U)	0.20 (U)	107	121	0.30 (J)	35.8 (J)	46.0 (J)
Lead Total	15	<5.0	45.0	1.1 (U)	1.1 (U)	6.5	1.9 (J)	1.1 (U)	1.1 (U)	3.5 (J)	1.1 (U)	1.1 (U)	9.3	11.3	17.8	1.1 (U)	2.0 (J)	1.1 (U)	4.7 (J)				
Mercury Total	2	<0.50	NA	NA	NA	NA																	
Nickle Total	100	<10	NA	NA	NA	NA																	
Selenium Total	50	<10	NA	NA	NA	NA																	
Silver Total	100	NA	NA	NA	NA																		
Arsenic Dissolved	10	NA	NA	NA	NA																		
Barium Dissolved	2,000	NA	NA	NA	NA																		
Cadmium Dissolved	5	NA	NA	NA	NA																		
Chromium Dissolved	100	NA	NA	NA	NA																		
Cobalt Dissolved	NE	NA	11.5 (J)	11.4 (J)	15.5 (J)	1.1 (J)	0.80 (J)	1.8 (J)	3.8 (J)	1.9 (J)	36.4 (J)	100	240	328	364	0.20 (U)	0.20 (U)	0.20 (U)	88.1	80.8	0.30 (J)	34.7 (J)	44.6 (J)
Lead Dissolved	15	NA	1.1 (U)	1.5 (J)	1.5 (J)	3.5 (J)																	
Mercury Dissolved	2	NA	NA	NA	NA																		
Nickle Dissolved	100	NA	NA	NA	NA																		
Selenium Dissolved	50	NA	NA	NA	NA																		
Silver Dissolved	100	NA	NA	NA	NA																		

## Notes:

µg/L: micrograms per liter

Bold: Values in bold exceed the Laboratory detection limit

Shaded: Values which are shaded exceed the Applicable Standard

Applicable Standard: Concentration values obtained from Appendix III Table 1 of OCGA § 391-3-19

Constituents with no reported RRS value are evaluated to their laboratory detection limit.

NA: Not Analyzed

E: Indicates value exceeds calibration range

J: Indicates an estimated value

B: Indicates analyte found in associated method blank

N: Indicates presumptive evidence of a compound

U: Indicates value is less than the Method Detection Limit

a: Sample treated with anti-foaming agent.

b: Dilution required due to matrix interference.

**TABLE 7**  
**GROUNDWATER ANALYTICAL RESULTS**  
Total and Dissolved Metals  
Results reported in µg/L

LaGrange WWTP  
2990 Whiteville Road (Highway 219)  
LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	PZ-1	PZ-2	PZ-3	SW-1	SW-2	SW-3	SW-4
Lab Sample ID:		FA14532-18	FA42055-4	FA42055-5	FA42055-6	FA42055-7	FA42055-8	FA42055-26	FA42055-9	FA42055-10	FA42055-11	FA42055-12	FA42055-13	FA42055-14	FA42055-15	FA42055-16	FA42055-17	FA42055-18	FA42055-19	FA42055-20	FA42055-21	FA42055-22	FA42055-23
Date Sampled:		4/25/2014	3/11/2017	3/9/2017	3/9/2017	3/9/2017	3/11/2017	3/10/2017	3/10/2017	3/10/2017	3/10/2017	3/10/2017	3/10/2017	3/10/2017	3/11/2017	3/9/2017	3/9/2017	3/10/2017	3/11/2017	3/9/2017	3/8/2017	3/8/2017	3/8/2017
Arsenic Total	10	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium Total	2,000	<200	136 (J)	9.1 (J)	31.0 (J)	397	90.7 (J)	120 (J)	546	44.1 (J)	43.1 (J)	84.3 (J)	54.4 (J)	191 (J)	24.3 (J)	24.9 (J)	294	1,170	184 (J)	39.1 (J)	101 (J)	42.2 (J)	39.3 (J)
Cadmium Total	5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium Total	100	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt Total	NE	<50	662	0.20 (J)	0.60 (J)	43.4 (J)	35.5 (J)	32.0 (J)	4.8 (J)	95.1	175	19.4 (J)	10.3 (J)	23.2 (J)	0.20 (U)	0.20 (U)	16.7 (J)	111	41.0 (J)	0.90 (J)	8.1 (J)	1.0 (J)	0.60 (J)
Lead Total	15	<5.0	1.1 (U)	1.1 (J)	2.0 (J)	1.1 (J)	1.6 (J)	1.1 (U)	1.1 (U)	3.2 (J)	19.3	1.1 (U)	10 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	399	41.7	1.1 (U)	2.4 (J)	1.1 (U)	1.1 (U)
Mercury Total	2	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickle Total	100	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium Total	50	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver Total	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic Dissolved	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium Dissolved	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium Dissolved	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium Dissolved	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt Dissolved	NE	NA	648	0.20 (J)	0.40 (J)	44.0 (J)	36.7 (J)	31.6 (J)	5.0 (J)	98.5	173	17.3 (J)	9.8 (J)	22.7 (J)	0.20 (U)	0.20 (U)	13.8 (J)	1.4 (J)	16.0 (J)	0.50 (J)	0.40 (J)	0.40 (J)	0.40 (J)
Lead Dissolved	15	NA	1.3 (J)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	2.4 (J)	1.1 (U)	3.2 (J)	19.8	1.1 (U)	1.3 (J)	1.1 (U)									
Mercury Dissolved	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickle Dissolved	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium Dissolved	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver Dissolved	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE 7**  
**GROUNDWATER ANALYTICAL RESULTS**

Total and Dissolved Metals

Results reported in µg/L

LaGrange WWTP

2990 Whiteville Road (Highway 219)

LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard	W-1	SW-5	SW-6	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	PZ-1	PZ-2	PZ-3
Lab Sample ID:	FA14532-18	FA42055-24	FA42055-25	FA48829-1	FA48829-2	FA48829-3	FA48829-4	FA48829-5	FA48829-6	FA48829-7	FA48829-8	FA48829-26	FA48829-9	FA48829-10	FA48829-11	FA48829-12	FA48829-13	FA48829-14	FA48829-15	FA48829-16	FA48829-17	FA48829-18	FA48829-19	
Date Sampled:	4/25/2014	3/8/2017	3/8/2017	10/23/2017	10/23/2017	10/23/2017	10/25/2017	10/24/2017	10/24/2017	10/25/2017	10/25/2017	10/25/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/24/2017	10/24/2017	10/25/2017	10/24/2017
Arsenic Total	10	<10	NA																					
Barium Total	2,000	<200	54.8 (J)	34.6 (J)	53.1 (J)	384	84.9 (J)	111 (J)	10.5 (J)	49.5 (J)	99.3 (J)	142 (J)	190 (J)	234	34.4 (J)	83.1 (J)	74.4 (J)	69.0 (J)	304	21.4 (J)	25.5 (J)	249	304	167 (J)
Cadmium Total	5	<5.0	NA																					
Chromium Total	100	<10	NA																					
Cobalt Total	NE	<50	68.8	36.3 (J)	0.20 (J)	8.1 (J)	8.4 (J)	769	0.20 (U)	0.90 (J)	27.5 (J)	10.5 (J)	6.3 (J)	3.7 (J)	82.5	65.2	11.0 (J)	4.5 (J)	14.0 (J)	0.50 (J)	0.20 (J)	10.7 (J)	18.6 (J)	37.1 (J)
Lead Total	15	<5.0	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	2.4 (J)	1.1 (U)	1.1 (J)	8.5	3.0 (J)	1.1 (U)	1.1 (U)	1.1 (U)	10.1	33.4	15.3	21.5	13.7	1.1 (U)	1.2 (J)	10.7	36.7	45.5
Mercury Total	2	<0.50	NA																					
Nickle Total	100	<10	NA																					
Selenium Total	50	<10	NA																					
Silver Total	100	NA																						
Arsenic Dissolved	10	NA																						
Barium Dissolved	2,000	NA																						
Cadmium Dissolved	5	NA																						
Chromium Dissolved	100	NA																						
Cobalt Dissolved	NE	NA	15.9 (J)	12.0 (J)	0.20 (U)	7.9 (J)	8.6 (J)	794	2.1 (J)	1.3 (J)	25.9 (J)	10.8 (J)	6.3 (J)	3.5 (J)	80.8	59.8	9.2 (J)	4.7 (J)	12.8 (J)	0.30 (J)	0.20 (U)	7.6 (J)	1.8 (J)	13.5 (J)
Lead Dissolved	15	NA	1.1 (U)	1.3 (J)	1.3 (J)	1.1 (U)	1.1 (U)	1.1 (U)	8.1	18.5	2.3 (J)	3.5 (J)	1.4 (J)	1.1 (U)										
Mercury Dissolved	2	NA																						
Nickle Dissolved	100	NA																						
Selenium Dissolved	50	NA																						
Silver Dissolved	100	NA																						

**TABLE 7**  
**GROUNDWATER ANALYTICAL RESULTS**

Total and Dissolved Metals

Results reported in µg/L

LaGrange WWTP

2990 Whiteville Road (Highway 219)

LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16
Lab Sample ID:	FA14532-18	FA48829-20	FA48829-21	FA48829-22	FA48829-23	FA48829-24	FA48829-25	FA53566-1	FA53566-2	FA53566-3	FA53566-4	FA53566-5	FA53566-6	FA53566-7	FA53566-8	FA53566-9	FA53607-1	FA53607-2	FA53607-3	FA53607-4	FA53566-10	FA53566-11	FA53566-12	
Date Sampled:	4/25/2014	10/23/2017	10/23/2017	10/23/2017	10/23/2017	10/23/2017	4/17/2018	4/17/2018	4/18/2018	4/18/2018	4/18/2018	4/18/2018	4/19/2018	4/19/2018	4/19/2018	4/20/2018	4/20/2018	4/20/2018	4/20/2018	4/20/2018	4/19/2018	4/18/2018		
Arsenic Total	10	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Barium Total	2,000	<200	145 (J)	117 (J)	318	67.3 (J)	28.2 (J)	25.7 (J)	33.1 (J)	415	202	173 (J)	6.9 (J)	23.3 (J)	99.1 (J)	129 (J)	198 (J)	347	44.4 (J)	55.1 (J)	75.8 (J)	89.8 (J)	129 (J)	20.0 (J)
Cadmium Total	5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium Total	100	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt Total	NE	<50	8.2 (J)	8.1 (J)	21.9 (J)	3.7 (J)	12.7 (J)	8.2 (J)	0.20 (U)	12.4 (J)	17.0 (J)	477	0.20 (U)	0.20 (U)	41.3 (J)	54.5	37.1 (J)	13.1 (J)	99.3	142	10.4 (J)	3.2 (J)	5.2 (J)	0.20 (U)
Lead Total	15	<5.0	5.2	7.9	42.6	6.1	1.1 (U)	1.1 (U)	1.1 (J)	11.8	13.8	1.9 (J)	1.1 (U)	9.6	1.9 (J)	5.9	1.1 (U)	1.1 (J)	11.3	36.0	13.3	10 (U)	1.1 (U)	2.8 (J)
Mercury Total	2	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickle Total	100	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium Total	50	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver Total	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic Dissolved	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium Dissolved	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium Dissolved	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium Dissolved	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt Dissolved	NE	NA	0.50 (J)	0.20 (J)	0.20 (J)	0.20 (U)	1.3 (J)	2.4 (J)	0.20 (U)	12.1 (J)	16.2 (J)	470	0.20 (U)	0.20 (U)	44.3 (J)	58.3	34.9 (J)	13.0 (J)	96.8	142	9.8 (J)	3.2 (J)	5.1 (J)	0.20 (U)
Lead Dissolved	15	NA	1.1 (U)	1.1 (U)	7.3	2.0 (J)	7.4	2.0 (J)	1.1 (U)	1.1 (U)	4.5 (J)	4.1 (J)	1.7 (J)	1.1 (J)	10.7	31.9	7.6	16.7	6.9	1.1 (U)				
Mercury Dissolved	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickle Dissolved	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium Dissolved	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver Dissolved	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE 7****GROUNDWATER ANALYTICAL RESULTS**

Total and Dissolved Metals

Results reported in µg/L

LaGrange WWTP

2990 Whiteville Road (Highway 219)

LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard µg/L	W-1	MW-17	PZ-1	PZ-2	PZ-3	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6
Lab Sample ID:		FA14532-18	FA53566-13	FA53566-14	FA53566-15	FA53566-16	FA53566-17	FA53566-18	FA53566-19	FA53566-20	FA53566-21	FA53566-22
Date Sampled:		4/25/2014	4/18/2018	4/19/2018	4/19/2018	4/18/2018	4/17/2018	4/17/2018	4/17/2018	4/17/2018	4/17/2018	4/17/2018
Arsenic Total	10	<10	NA									
Barium Total	2,000	<200	12.4 (J)	160 (J)	129 (J)	20.8 (J)	76.4 (J)	113 (J)	39.2 (J)	34.4 (J)	30.6 (J)	18.4 (J)
Cadmium Total	5	<5.0	NA									
Chromium Total	100	<10	NA									
Cobalt Total	NE	<50	0.20 (U)	5.8 (J)	5.8 (J)	18.2 (J)	5.2 (J)	7.4 (J)	1.5 (J)	0.80 (J)	7.8 (J)	3.0 (J)
Lead Total	15	<5.0	2.3 (J)	1.1 (U)	16.5	2.8 (J)	5.5	4.3 (J)	2.3 (J)	2.2 (J)	2.3 (J)	1.5 (J)
Mercury Total	2	<0.50	NA									
Nickle Total	100	<10	NA									
Selenium Total	50	<10	NA									
Silver Total	100	NA										
Arsenic Dissolved	10	NA										
Barium Dissolved	2,000	NA										
Cadmium Dissolved	5	NA										
Chromium Dissolved	100	NA										
Cobalt Dissolved	NE	NA	0.20 (U)	5.2 (J)	4.2 (J)	18.2 (J)	0.40 (J)	0.40 (J)	0.70 (J)	0.50 (J)	0.80 (J)	0.80 (J)
Lead Dissolved	15	NA	1.1 (U)	2.0 (J)	9.4	1.4 (J)	5.8	6.1	5.2	5.7	1.8 (J)	1.1 (U)
Mercury Dissolved	2	NA										
Nickle Dissolved	100	NA										
Selenium Dissolved	50	NA										
Silver Dissolved	100	NA										

**ATTACHMENT A**

---

**Field Sample Logs**

### Site Information

Date: 4-17-18	Site ID #: 2722218800	Site Name: Plat. 69	Field Personnel: <i>A. H. P. m.</i>
County: Trumbull	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 75°F

### Quality Assurance

Meter Name YSI - 556	Serial #: N/A	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0 Y or N	pH 7.0 Y or N	pH 10.0 Y or N	S.C. Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N			
LaMotte (Turbidity)	473567X	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

### Well Information

Well ID: MW-1	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: <input checked="" type="checkbox"/> Bailer <input checked="" type="checkbox"/> Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ <input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	Screened Interval (ft.): to 2-10	Total Well Depth (TWD) (ft.): 13.60	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.98	Free Product Thickness (ft.):	—
Length of water column (LWC = TWD - DGW) (ft.): 8.62	1 casing volume (CV = LWC x C) (gals.): 1.37	3 casing volumes (3 x CV) (gals.): 4.11	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	1.37	2.74	4.11			4.37	4.38 5.07
Time (military)	16:50	17:18	17:42	18:08			18:13	18:28 18:30
pH (s.u.)	6.27	6.31	6.31	6.32			6.32	6.31
Specific Conductivity ( $\mu\text{S}/\text{cm}$ )	0.203	0.183	0.166	0.160			0.159	0.159
Water Temperature (°C)	20.15	19.44	19.66	19.31			19.27	19.22
Turbidity (NTU)	9.54	7.28	7.67	7.82			7.89	7.80
Dissolved Oxygen (mg/L)	0.26	0.37	0.40	0.43			0.43	0.43
DTW	5.14	5.14	5.14	Sampling Data 5.14			5.14	5.14

Sampled By: *A. H. P. m.* Sampling Time: 18:36 Duplicate: Y or  If yes, Duplicate Time:

Notes: Sample using low flow @ 200 ml/min and taking at 7.0  
Purge is well volume and reading stabilized and collect sample

Signature: *A. H. P. m.*

### Site Information

Date: 4-17-18	Site ID #: 2722218800	Site Name: P.I. at .69	Field Personnel: Ath Yim
County: El Paso	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 75 °

### Quality Assurance

Meter Name YSI - 556	Serial #: N/A	Calibration:		
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N		
LaMotte (Turbidity)	23567X	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N

### Well Information

Well ID: MW-2	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: Bailer <input checked="" type="checkbox"/> Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ Private WSW Public WSW	Screened Interval (ft.): to 2 - 10	Total Well Depth (TWD) (ft.): 13.50	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 7.24	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 6.26	1 casing volume (CV = LWC x C) (gals.): 1.00	3 casing volumes (3 x CV) (gals.): 3.00	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	1.00	2.00	3.00			3.26	3.75
Time (military)	18:45	19:04	19:23	19:52			19:57	20:10
pH (s.u.)	6.72	6.78	6.78	6.77			6.80	6.79
Specific Conductivity (µS/cm)	1.141	1.095	1.082	1.056			1.056	1.055
Water Temperature (°C)	16.22	15.39	15.34	14.90			14.85	14.76
Turbidity (NTU)	2.70	4.63	3.73	2.46			1.45	1.18
Dissolved Oxygen (mg/L)	0.34	0.30	0.30	0.28			0.28	0.28
DTW	7.48	7.68	7.69	Sampling Data 7.70			7.70	7.70

Sampled By: Ath Yim	Sampling Time: 20:10	Duplicate: Y or <input checked="" type="checkbox"/>	If yes, Duplicate Time:
---------------------	----------------------	---	-------------------------

Notes: Sampled using low flow @ 200 ml/min for 1' and taking at 9.30  
Purge 3 well volumes and reading stabilized and collect sample

Signature: Ath Yim

### Site Information

Date: 4-18-18	Site ID #: 2722218803	Site Name: Pilot-69	Field Personnel: Atn Ym
County: Trumbull	Project Manager: Richard Stevens	General Weather Conditions: Cloudy	Ambient Air Temp (°F): 55°

### Quality Assurance

Meter Name 45+ 556	Serial #: N/A	Calibration: 4-18-18		
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0 Y or N	pH 7.0 Y or N	pH 10.0 Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N		S.C. Y or N
LaMotte (Turbidity)	473567X	0.0 NTU Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N

### Well Information

Well ID: mw.3	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: Bailer <input checked="" type="checkbox"/> Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ Private WSW Public WSW	Screened Interval (ft.): to	Total Well Depth (TWD) (ft.): 13.0	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 7.0	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 5.73	1 casing volume (CV = LWC x C) (gals.): 0.94	3 casing volumes (3 x CV) (gals.): 2.82	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	0.94	1.88	2.82			3.08	3.77
Time (military)	8:00	8:18	8:36	8:54			8:59	9:02
pH (s.u.)	6.37	6.30	6.41	6.46			6.46	6.45
Specific Conductivity ( $\mu\text{S}/\text{cm}$ )	1.813	1.770	1.722	1.640			1.721	17.85
Water Temperature (°C)	14.31	14.45	14.66	14.91			14.95	14.96
Turbidity (NTU)	16.10	10.29	7.97	9.17			6.54	7.01
Dissolved Oxygen (mg/L)	2.57	0.74	0.65	0.61			0.59	0.58
DW	7.60	8.33	8.78	Sampling Data 9.08			7.12	9.35

Sampled By: Atn Ym	Sampling Time: 9:12	Duplicate: Y or <input checked="" type="checkbox"/>	If yes, Duplicate Time:
--------------------	---------------------	---	-------------------------

Notes: Sample using Low Flow @ 200 ml/min / and tubing at 9.10  
 Purge 3 well volumes and reading start/1.20 and collect samples  
 Lower author / last bit tubing to 10.10 due to water table concerns. Drilling Signature: *[Signature]*

### Site Information

Date: 4.18.18	Site ID #: 27.222188.00	Site Name: P. lot. 69	Field Personnel: Atm Ym
County: Troup	Project Manager: Richard Steven	General Weather Conditions: Sunny	Ambient Air Temp (°F): 81°

### Quality Assurance

Meter Name YSI 556	Serial #: N/A	Calibration:	
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N
YSI 55 (Dissolved Oxygen)	N/A	(Y) or N	S.C. (Y) or N
LaMotte (Turbidity)	4735 67X	0.0 NTU: Y or N	1.0 NTU: Y or N

### Well Information

Well ID: mws-4	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: Bailer <input checked="" type="checkbox"/> Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ Private WSW <input type="checkbox"/> Public WSW	Screened Interval (ft.): to 2 - 10	Total Well Depth (TWD) (ft.): 12.90	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 3.87	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 9.03	1 casing volume (CV = LWC x C) (gals.): 1.44	3 casing volumes (3 x CV) (gals.): 4.32	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	1.44	2.88	4.32			4.58	5.27
Time (military)	17:50	18:18	18:46	19:14			19:19	19:32
PH (s.u.)	6.51	6.52	6.51	6.49			6.41	6.41
Specific Conductivity ( $\mu\text{S}/\text{cm}$ )	0.327	0.325	0.325	0.324			0.323	0.323
Water Temperature (°C)	16.01	15.66	15.31	15.24			15.15	15.13
Turbidity (NTU)	13.7	9.15	3.03	2.31			1.77	1.80
Dissolved Oxygen (mg/L)	0.34	0.22	0.21	0.22			0.22	0.22

DRW 4.17 4.28 4.30 Sampling Data 4.31 4.31

Sampled By: Atm Ym Sampling Time: 19:32 Duplicate: Y or N If yes, Duplicate Time:

Notes: Sampling using Low Flow at 200 milliliter/min and Tubing at 5.90

Purge 3 well volumes and Reading stable and collect sample

Signature: Atm Ym

### Site Information

Date: 4.18.18	Site ID #: 2722218700	Site Name: 8.10+67	Field Personnel: Ath Ym
County: Trumb	Project Manager: Richard Stevens	General Weather Conditions: Cloudy	Ambient Air Temp (°F): 63°

### Quality Assurance

Meter Name YSI 55	Serial #: N/A	Calibration: 4.18.18			
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N			
LaMotte (Turbidity)	473567X	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

### Well Information

Well ID: MW-5	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: Bailer X Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ <input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	Screened Interval (ft.): to 2.0 - 9.20	Total Well Depth (TWD) (ft.): 10.30	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.66	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 4.64	1 casing volume (CV = LWC x C) (gals.): 0.74	3 casing volumes (3 x CV) (gals.): 2.22	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	0.74	1.48	2.22			2.48	3.17
Time (military)	9:30	9:44	9:58	10:12			10:17	10:30
PH (s.u.)	5.86	5.00	4.89	4.87			4.88	4.89
Specific Conductivity (µS/cm)	0.106	0.105	0.106	0.46			0.43	0.47
Water Temperature (°C)	14.57	14.53	14.58	14.70			14.76	14.73
Turbidity (NTU)	17.8	15.4	13.1	12.20			11.60	11.30
Dissolved Oxygen (mg/L)	0.48	0.41	0.39	0.38			0.39	0.38

D<sub>trw</sub> 5.88 S.20 S.91 Sampling Data S.91

Sampled By: Ath Ym	Sampling Time: 10:30	Duplicate: Y or N	If yes, Duplicate Time:
--------------------	----------------------	-------------------	-------------------------

Notes: Sample runs low flow @ 200 milliliter/min and Turb. at 7.70

Purge 3 well volumes and reading stabilize and collect samples

Signature: 

### Site Information

Date: 4-18-18	Site ID #: 2722218800	Site Name: Pilot-67	Field Personnel: Atm Ym
County: Thayer	Project Manager: Richard Sturm	General Weather Conditions: Sunny	Ambient Air Temp (°F): 75°F

### Quality Assurance

Meter Name YSI 556	Serial #: N/A	Calibration: 4.18.18			
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	SC: Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N			
LaMotte (Turbidity)	473567X	0.0 NTU: Y or N	1.0 NTU: R or N	10.0 NTU: Y or N	

### Well Information

Well ID: MW-6	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: Bailer <input checked="" type="checkbox"/> Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ Private WSW <input type="checkbox"/> Public WSW		Screened Interval (ft.): to 2.0 - 9.20	Total Well Depth (TWD) (ft.): 11.50
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.36		Free Product Thickness (ft.): —
Length of water column (LWC = TWD - DGW) (ft.): 6.14	1 casing volume (CV = LWC x C) (gals.): 0.98		3 casing volumes (3 x CV) (gals.): 2.94

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	-	0.98	1.96	2.94			3.20	3.89
Time (military)	12:20	12:39	12:58	13:17			13:22	13:35
pH (s.u.)	4.70	4.69	4.66	4.65			4.64	4.62
Specific Conductivity ( $\mu\text{S}/\text{cm}$ )	0.030	0.031	0.030	0.030			0.034	0.031
Water Temperature (°C)	16.39	16.20	15.90	16.08			16.08	16.07
Turbidity (NTU)	48.8	50.1	56.3	54.6			55.5	54.3
Dissolved Oxygen (mg/L)	0.37	0.30	0.31	0.30			0.28	0.28
	5.63	5.67	5.68	Sampling Data 5.68				

Sampled By: Atm Ym	Sampling Time: 13:35	Duplicate: Y or <input checked="" type="checkbox"/>	If yes, Duplicate Time:
--------------------	----------------------	---	-------------------------

Notes: Sample using low flow @ 200 milliliters/min and tubing at 7.40  
 Pulse 3 well volume and reading stabilize and collect sample  
 Turbidity High and stabilized at ± 5 NTU.

Signature: 

### Site Information

Date: 4.18.18	Site ID #: 27.222188.00	Site Name: Pilot 69	Field Personnel: Alyn Ym
County: Trumb	Project Manager: Richard Stevens	General Weather Conditions: Sunn)	Ambient Air Temp (°F): 77°

### Quality Assurance

Meter Name	Serial #:	N/A	Calibration:	4.18-18
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N		
LaMotte (Turbidity)	473567X	0.0 NTU Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N

### Well Information

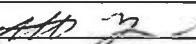
Well ID: MW-7	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: Bailer X Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ <input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	Screened Interval (ft.): to 2.0 - 7.90	Total Well Depth (TWD) (ft.): 10.40	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.38	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 6.02	1 casing volume (CV = LWC x C) (gals.): 0.96	3 casing volumes (3 x CV) (gals.): 2.88	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	0.96	1.92	2.88			3.14	3.83
Time (military)	15:20	15:39	15:58	16:17			16:22	16:35
PH (s.u.)	6.62	6.47	6.43	6.39			6.39	6.39
Specific Conductivity ( $\mu\text{S}/\text{cm}$ )	0.420	0.477	0.463	0.464			0.464	0.465
Water Temperature (°C)	17.51	16.48	16.22	16.39			16.43	16.50
Turbidity (NTU)	19.4	7.95	7.89	7.13			3.87	3.34
Dissolved Oxygen (mg/L)	0.33	0.23	0.22	0.21			0.23	0.24
	4.69	4.77	4.79	Sampling Data 4.77			4.77	4.77

Sampled By: Alyn Ym	Sampling Time: 16:35	Duplicate: Y or N	If yes, Duplicate Time:
---------------------	----------------------	-------------------	-------------------------

Notes: Sample using Low Flow @ 200 ml/min and Tubing at 6.40  
Prime 3 well volume and Readings size 1.25 and collect Sample

Signature: 

### Site Information

Date: 4-19-18	Site ID #: 69	Site Name: Plat. 69	Field Personnel: Alt. 4m
County:	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 64°F

### Quality Assurance

Meter Name YSI - 556	Serial #: N/A	Calibration: 4-19-18	
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0 Y or N	pH 7.0 Y or N
YSI 55 (Dissolved Oxygen)	N/A	X or N	S.C. Y or N
LaMotte (Turbidity)	473567X	0.0 NTU: Q or N	1.0 NTU: Q or N

### Well Information

Well ID: MW-8	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: Bailer X Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ <input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	Screened Interval (ft.): 2.0 to 8.10	Total Well Depth (TWD) (ft.): 10.50	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.53	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 5.97	1 casing volume (CV = LWC x C) (gals.): 0.96	3 casing volumes (3 x CV) (gals.): 2.88	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	0.96	1.92	2.88			3.14	3.83
Time (military)	8:30	8:49	9:08	9:27			9:32	9:45
PH (s.u.)	5.63	6.05	6.15	6.18			6.20	6.23
Specific Conductivity (µS/cm)	0.289	0.196	0.182	0.182			0.182	0.182
Water Temperature (°C)	15.11	14.83	14.61	14.67			14.65	14.65
Turbidity (NTU)	13.8	2.94	1.78	2.52			2.57	2.10
Dissolved Oxygen (mg/L)	1.37	0.61	0.44	0.46			0.47	0.47
DTW	4.89	4.94	4.96 Sampling Data 4.97				4.97	4.97

Sampled By: Alt. 4m	Sampling Time: 9:45	Duplicate: Y or N	If yes, Duplicate Time:
---------------------	---------------------	-------------------	-------------------------

Notes: Sampling using low flow at 200 ml/min and tubing at 6.6  
Purge 3 well volumes and render stabilized and collect sample

Signature: Alt. 4m

Site Information								
Date: 4.19.18	Site ID #: 27 22218800	Site Name: Plot 69	Field Personnel: Afn Ym					
County: Tracy	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 71					
Quality Assurance								
Meter Name YSI - 552	Serial #:	Calibration:						
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: <input checked="" type="checkbox"/> or N	pH 7.0: <input checked="" type="checkbox"/> or N	pH 10.0: <input checked="" type="checkbox"/> or N	S.C. <input checked="" type="checkbox"/> or N			
YSI 55 (Dissolved Oxygen)	N/A	Y or N						
LaMotte (Turbidity)	473567X	0.0 NTU: <input checked="" type="checkbox"/> or N	1.0 NTU: Y or <input checked="" type="checkbox"/>	10.0 NTU: <input checked="" type="checkbox"/> or N				
Well Information								
Well ID: mw.9	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: Bailer <input checked="" type="checkbox"/> Pump					
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other Private WSW Public WSW	Screened Interval (ft.): 1.0 to 6.0	Total Well Depth (TWD) (ft.): 9.70						
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.71	Free Product Thickness (ft.): —						
Length of water column (LWC = TWD - DGW) (ft.): 4.99	1 casing volume (CV = LWC x C) (gals.): 0.80	3 casing volumes (3 x CV) (gals.): 2.40						
Purging Data								
	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	.80	1.60	2.40			2.66	3.35
Time (military)	12:55	13:11	13:27	13:43			13:48	14:01
PH (s.u.)	6.67	6.64	6.62	6.62			6.62	6.62
Specific Conductivity ( $\mu\text{S}/\text{cm}$ )	4.508	0.407	0.381	0.376			0.376	0.375
Water Temperature (°C)	16.59	16.00	16.07	16.41			16.46	16.48
Turbidity (NTU)	37.6	11.60	7.33	4.48			3.09	2.48
Dissolved Oxygen (mg/L)	0.36	0.26	0.27	0.28			0.28	0.29
	5.06	5.12	5.14 Sampling Data 5.15				5.15	5.15
Sampled By: Afn Ym	Sampling Time: 14:01	Duplicate: Y or <input checked="" type="checkbox"/>	If yes, Duplicate Time:					
Notes: Sample using low flow at 200 ml/min and tubing at 6.8								
Rinses: 3 well volumes and Read 1.2 and collect samples						Signature: Afn Ym		

### Site Information

Date: 4-20-18	Site ID #: 27-22218800	Site Name: Pitot 69	Field Personnel: Atm Ym
County:	Project Manager: Richard Stevens	General Weather Conditions: sunny	Ambient Air Temp (°F): 63 °F

### Quality Assurance

Meter Name YSI 556	Serial #: N/A	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C. Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N			
LaMotte (Turbidity)	473567X	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

### Well Information

Well ID: MW-10	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purgging/Sample Collection: Bailer <input checked="" type="checkbox"/> Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ <input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	Screened Interval (ft.): to	Total Well Depth (TWD) (ft.): 8.70	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.79	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 3.91	1 casing volume (CV = LWC x C) (gals.): 0.63	3 casing volumes (3 x CV) (gals.): 1.89	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	0.63	1.26	1.89			2.15	2.84
Time (military)	12:50	13:02	13:14	13:26			13:31	13:44
PH (s.u.)	6.20	5.57	5.58	5.65			5.66	5.67
Specific Conductivity (µS/cm)	0.317	0.214	0.220	0.237			0.233	0.225
Water Temperature (°C)	15.70	15.36	15.35	15.37			15.35	15.33
Turbidity (NTU)	3.46	1.56	0.93	0.78			0.51	0.53
Dissolved Oxygen (mg/L)	0.61	0.71	0.69	0.63			0.63	0.66
DTW	5.09	5.13	5.14	Sampling Data 5.15			5.15	5.15

Sampled By: Atm Ym	Sampling Time: 13:44	Duplicate: Y or N	If yes, Duplicate Time:
--------------------	----------------------	-------------------	-------------------------

Notes: Sampling using Low Flow @ 200 ml/min per min and tubing at 6-80  
Purge 3 well volumes and reading stable and collect sample

Signature: Atm Ym

### Site Information

Date: 4.20.18	Site ID #: 2722218800	Site Name: P. lot. 67	Field Personnel: <i>Ash Yum</i>
County: Tracy	Project Manager: Richard Steven	General Weather Conditions: sunny	Ambient Air Temp (°F): 60

### Quality Assurance

Meter Name YSI 556	Serial #: N/A	Calibration: 4.20.18		
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N		S.C.: Y or N
LaMotte (Turbidity)	473567X	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N

### Well Information

Well ID: MW-11	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: <input checked="" type="checkbox"/> Baler <input type="checkbox"/> Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ <input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	Screened Interval (ft.): 1.0 to 6.0	Total Well Depth (TWD) (ft.): 8.30	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 3.94	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 4.36	1 casing volume (CV = LWC x C) (gals.): 0.70	3 casing volumes (3 x CV) (gals.): 2.10	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	0.70	1.40	2.10			2.36	3.05
Time (military)	11:40	11:54	12:08	12:22			12:27	12:40
pH (s.u.)	6.35	6.22	6.20	6.20			6.19	6.20
Specific Conductivity ( $\mu\text{S}/\text{cm}$ )	1.055	0.916	0.882	0.847			0.844	0.841
Water Temperature (°C)	14.92	15.10	15.12	15.03			15.03	15.06
Turbidity (NTU)	13.2	4.77	5.06	3.56			3.33	3.52
Dissolved Oxygen (mg/L)	0.58	0.52	0.51	0.45			0.44	0.43
	0.70	5.02	4.94	Sampling Data 4.96			4.96	4.97

Sampled By: <i>Ash Yum</i>	Sampling Time: 12:40	Duplicate: Y or <input checked="" type="checkbox"/>	If yes, Duplicate Time:
----------------------------	----------------------	---	-------------------------

Notes: Sample using Low-Flow @ 0.003 ml/min and Tubing at 6.0

Purge 3 well volumes and readings stabilize and collect sample

Signature: *Ash Yum*

### Site Information

Date: 4-20-18	Site ID #: 2722218800	Site Name: Plat. 69	Field Personnel: Ath Yur
County: Trumb	Project Manager: Richard Stover	General Weather Conditions: Sunny	Ambient Air Temp (°F): 51°F

### Quality Assurance

Meter Name YSI 556	Serial #: N/A	Calibration: 4.20.18		
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N		
LaMotte (Turbidity)	473567X	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N

### Well Information

Well ID: MW-12	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: Bailer X Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____	<input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	Screened Interval (ft.): 2 to 10	Total Well Depth (TWD) (ft.): 13.10
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 2.17	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 10.93	1 casing volume (CV = LWC x C) (gals.): 1.75	3 casing volumes (3 x CV) (gals.):	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	1.75	3.5	5.25			5.51	6.20
Time (military)	9:30	10:03	10:36	11:09			11:14	11:27
PH (s.u.)	5.99	4.64	6.53	6.52			6.52	6.52
Specific Conductivity (µS/cm)	2.153	552	2.184	2.146			2.144	2.142
Water Temperature (°C)	14.21	2.231	15.24	15.46			15.50	15.57
Turbidity (NTU)	23.3	8.35	2.06	3.72			1.51	1.56
Dissolved Oxygen (mg/L)	2.24	0.73	0.56	0.47			0.46	0.46

Drw 3.50 4.64 4.61 Sampling Data 4.63 4.60 4.63 4.63

Sampled By: Ath Yur	Sampling Time: 11:27	Duplicate: Y or N	If yes, Duplicate Time:
---------------------	----------------------	-------------------	-------------------------

Notes: Sampling using Low-Flow @ 200 milliliter/min and tubing at 4.50  
 3 well Volume and reading stabilized and collect sample  
 1 to lower tube 2 feet due to rapid water table drops  
 Signature: Ath Yur

### Site Information

Date: 4.20.18	Site ID #: 27-22218800	Site Name: P-104-69	Field Personnel: Adam Yum
County: Troup	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 65°

### Quality Assurance

Meter Name YSI 556	Serial #: N/A	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C. Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N			
LaMotte (Turbidity)	473567X	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

### Well Information

Well ID: MW-13	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: Bailer Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ <input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	Screened Interval (ft.): to	Total Well Depth (TWD) (ft.): 11.85	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 3.36	Free Product Thickness (ft.):	
Length of water column (LWC = TWD - DGW) (ft.): 8.49	1 casing volume (CV = LWC x C) (gals.): 1.36	3 casing volumes (3 x CV) (gals.): 4.08	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	-	1.36	2.72	4.08			4.34	5.03
Time (military)	14:00	14:26	14:32	15:08			15:23	15:36
PH (s.u.)	6.67	6.73	6.79	6.80			6.80	6.80
Specific Conductivity (µS/cm)	0.422	0.557	0.637	0.661			0.662	0.664
Water Temperature (°C)	15.83	15.33	15.52	15.42			15.50	15.49
Turbidity (NTU)	7.57	9.67	14.9	9.93			9.01	7.44
Dissolved Oxygen (mg/L)	0.48	0.42	0.23	0.21			0.21	0.21
	4.26	4.83	4.83	Sampling Data 4.83			4.83	4.83

Sampled By: Adam Yum	Sampling Time: 15:36	Duplicate: Y or N	If yes, Duplicate Time:
----------------------	----------------------	-------------------	-------------------------

Notes: Sampler using Low-flow at 200 ml/min and tube at 5.4  
 Purge 3 well volumes and reading stabilized and collect sample  
 Drilled tube another foot due to rapid drop of water Table

Signature: Adam Yum

### Site Information

Date: 4-19-18	Site ID #: 2722218800	Site Name: Hilltop 87	Field Personnel: A.H. Ym
County: Trumbull	Project Manager: Richard Steven	General Weather Conditions: Sunny	Ambient Air Temp (°F): 72°

### Quality Assurance

Meter Name YSI 556	Serial #: N/A	Calibration: 4-19-18		
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0 Y or N	pH 7.0 Y or N	pH 10.0 Y or N S.C. Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N		
LaMotte (Turbidity)	473567X	0.0 NTU Y or N	1.0 NTU: Y or N	10.0 NTU Y or N

### Well Information

Well ID: MW-14	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: Bailer X Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ <input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	Screened Interval (ft.): 2 to 10	Total Well Depth (TWD) (ft.): 12.30	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.86	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 7.44	1 casing volume (CV = LWC x C) (gals.): 1.19	3 casing volumes (3 x CV) (gals.): 3.57	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	0.28	1.19	2.38	3.57			3.83	4.52
Time (military)	15:10	15:33	15:56	16:19			16:24	16:37
PH (s.u.)	6.70	6.79	6.78	6.78			6.78	6.78
Specific Conductivity (µS/cm)	0.744	0.832	0.847	0.851			0.852	0.85
Water Temperature (°C)	16.33	16.34	16.34	16.21			16.11	16.09
Turbidity (NTU)	9.38	6.70	7.59	4.3			2.56	1.93
Dissolved Oxygen (mg/L)	0.29	0.21	0.22	0.22			0.23	0.23
	5.28	5.28	5.30	Sampling Data 5.31			5.31	5.31

Sampled By: A.H. Ym	Sampling Time: 16:37	Duplicate: Y or N	If yes, Duplicate Time:
---------------------	----------------------	-------------------	-------------------------

Notes: Sampling using low flow at 200 mL/min and tubing at 6.90  
Purge 3 well volume and reading stabilize and collect sample

Signature: A.H. Ym

### Site Information

Date: 4-19-18	Site ID #: 2722218800	Site Name: P.1st. 69	Field Personnel: Atm Ym
County: Trumb	Project Manager:	General Weather Conditions: Sunny	Ambient Air Temp (°F): 68°

### Quality Assurance

Meter Name YSI 556	Serial #: N/A	Calibration: 4-19-18		
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N		S.C.: Y or N
LaMotte (Turbidity)	473567X	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N

### Well Information

Well ID: mw-15	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purgging/Sample Collection: Bailer or Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ <input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	Screened Interval (ft.): to		Total Well Depth (TWD) (ft.): 13.09
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.64		Free Product Thickness (ft.): —
Length of water column (LWC = TWD - DGW) (ft.): 7.36	1 casing volume (CV = LWC x C) (gals.): 1.18		3 casing volumes (3 x CV) (gals.): 3.54

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	1.18	2.36	3.54			3.80	4.49
Time (military)	10:05	10:28	10:50	11:14			11:19	11:32
pH (s.u.)	6.20	6.52	6.58	6.62			6.61	6.62
Specific Conductivity ( $\mu\text{S}/\text{cm}$ )	0.453	0.463	0.471	0.475			0.474	0.475
Water Temperature (°C)	15.67	15.74	15.77	15.69			15.77	15.82
Turbidity (NTU)	4.72	2.29	1.52	1.16			1.11	1.18
Dissolved Oxygen (mg/L)	0.57	0.42	0.38	0.35			0.34	0.34
DTW	6.06	6.09	6.12	Sampling Data 6.12			6.12	6.12

Sampled By: Atm Ym Sampling Time: 11:32 Duplicate: Y or  If yes, Duplicate Time:

Notes: Sample using Low Flow at 200 milliliter/min and tubing at 7.20

Purge 3 well volume and Readings Stabilized and Collect Sample

Signature: 

### Site Information

Date: 4-18-18	Site ID #: 27222, 6700	Site Name: Plot 69	Field Personnel: AH Ymn
County: Grays	Project Manager: Richard Stevens	General Weather Conditions: sunny	Ambient Air Temp (°F): 79°

### Quality Assurance

Meter Name YSI - 556	Serial #: N/A	Calibration: 4-18-18			
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N			
LaMotte (Turbidity)	473567X	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

### Well Information

Well ID: MW-16	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: Bailer <input checked="" type="checkbox"/> Pump
X MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other Private WSW <input type="checkbox"/> Public WSW	Screened Interval (ft.): 2 to 10	Total Well Depth (TWD) (ft.): 12.60	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 6.55	Free Product Thickness (ft.):	—
Length of water column (LWC = TWD - DGW) (ft.): 6.05	1 casing volume (CV = LWC x C) (gals.): 0.97	3 casing volumes (3 x CV) (gals.): 2.91	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	0.97	1.94	2.91			3.17	3.86
Time (military)	13:50	14:09	14:28	14:47			14:52	15:05
PH (s.u.)	4.93	4.87	4.86	4.94			4.92	4.94
Specific Conductivity ( $\mu\text{S}/\text{cm}$ )	0.033	0.031	0.032	0.030			0.031	0.031
Water Temperature (°C)	17.25	17.10	17.23	17.20			17.16	17.39
Turbidity (NTU)	28.20	6.59	4.62	2.05			1.33	1.07
Dissolved Oxygen (mg/L)	0.79	0.70	0.66	0.67			0.66	0.66
DTW	6.65	6.99	7.03	7.01				

Sampled By: AH Ymn	Sampling Time: 15:05	Duplicate: Y or <input checked="" type="checkbox"/>	If yes, Duplicate Time:
--------------------	----------------------	---	-------------------------

Notes: Sample using Low Flow @ 200 milliliter/min and tubing at 8.6  
Purge 3 well volume and reading stabilize and collect samples

Signature: \_\_\_\_\_

### Site Information

Date: 4.18.18	Site ID #: 2722218800	Site Name: P. lot - 69	Field Personnel: Ath Ym
County: Thorp	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 69°

### Quality Assurance

Meter Name	Serial #:	N/A	Calibration: 4-18-18
YSI 63 (pH, Specific Conductivity, Temperature)		N/A	pH 4.0: <input checked="" type="checkbox"/> or N pH 7.0: <input checked="" type="checkbox"/> or N pH 10: <input checked="" type="checkbox"/> or N S.C. <input checked="" type="checkbox"/> or N
YSI 55 (Dissolved Oxygen)		N/A	Y or N
LaMotte (Turbidity)	U73567X	0.0 NTU: <input checked="" type="checkbox"/> or N	1.0 NTU: Y or <input checked="" type="checkbox"/> 10.0 NTU: <input checked="" type="checkbox"/> or N

### Well Information

Well ID: Mw-17	Well Diameter (ft.): 2	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: Bailer <input checked="" type="checkbox"/> Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ Private WSW Public WSW	Screened Interval (ft.): 2 to 10	Total Well Depth (TWD) (ft.): 13.25	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.04	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 8.21	1 casing volume (CV = LWC x C) (gals.): 1.31	3 casing volumes (3 x CV) (gals.): 3.93	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	1.31	2.62	3.93			4.19	4.88
Time (military)	10:46	11:03	11:20	11:45			11:50	12:13
PH (s.u.)	4.94	4.81	4.82	4.88			4.84	4.81
Specific Conductivity (µS/cm)	0.046	0.049	0.047	0.056			0.057	0.055
Water Temperature (°C)	15.81	16.40	16.51	16.55			16.48	16.51
Turbidity (NTU)	17.6	16.30	19.6	20.6			20.2	20.5
Dissolved Oxygen (mg/L)	0.40	0.39	0.34	0.32			0.32	0.31
	5.31	5.31	5.45	Sampling Data 5.47			5.47	5.47

Sampled By: Ath Ym	Sampling Time: 12:13	Duplicate: Y or <input checked="" type="checkbox"/>	If yes, Duplicate Time:
--------------------	----------------------	---	-------------------------

Notes: Sampled using low flow @ 200 ml/min per min and tubing at 7.10

Purged 3 well volume and retesting stat 1.7m and collect samples

Turbidity slightly high but ± 5 NTU suitable

Signature: Ath Ym

### Site Information

Date: 4.19.18	Site ID #: 2722218800	Site Name: P-101-69	Field Personnel: Atm Yn
County: Trump	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 71 °F

### Quality Assurance

Meter Name 454 55L	Serial #: N/A	Calibration: 4.19.18		
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N		
LaMotte (Turbidity)	473567X	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N

### Well Information

Well ID: P2-1	Well Diameter (ft.): 1	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purgung/Sample Collection: Bailer <input checked="" type="checkbox"/> Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ <input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	Screened Interval (ft.): 13 to 15		Total Well Depth (TWD) (ft.): 11.25
Depth to Free Product (DFP) (ft.):		Depth to Groundwater (DGW) (ft.): 4.61	Free Product Thickness (ft.): —
Length of water column (LWC = TWD - DGW) (ft.): 6.64		1 casing volume (CV = LWC x C) (gals.): 0.31	3 casing volumes (3 x CV) (gals.): 0.83

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	0.31	4.52	0.83			1.07	1.78
Time (military)	14:26	14:26	14:32	14:38			14:43	14:56
PH (s.u.)	7.08	7.00	7.01	7.02			7.04	7.04
Specific Conductivity (μS/cm)	0.674	0.543	0.546	0.544			0.541	0.540
Water Temperature (°C)	16.28	16.19	16.21	16.23			16.24	16.26
Turbidity (NTU)	102	74.3	65.2	50.4			48.1	49.3
Dissolved Oxygen (mg/L)	0.71	0.69	0.44	0.39			0.26	0.22
	6.65	6.77	6.75	Sampling Data 6.84			6.90	6.90

Sampled By: Atm Yn	Sampling Time: 14:56	Duplicate: Y or <input checked="" type="checkbox"/>	If yes, Duplicate Time:
--------------------	----------------------	---	-------------------------

Notes: Sample uses low-flow rate 200 ml/min per min and tubing at 6.7  
 Purge 3 well volume and reading stabilized and collect sample. Turbid High but ± 5 NTU stabilizing  
 Drop tubing another 2 foot due to rapid water dropping at 8.7 Signature: Atm Y

### Site Information

Date: 4-19-18	Site ID #: 2722218806	Site Name: P: lot . 96	Field Personnel: Ath Ym
County: Trump	Project Manager:	General Weather Conditions: Sunny	Ambient Air Temp (°F): 70°

### Quality Assurance

Meter Name	Serial #: N/A	Calibration: 4-19-18	
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0 Y or N	pH 7.0 Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N	
LaMotte (Turbidity)	473567X	0.0 NTU: Y or N	1.0 NTU: Y or N

### Well Information

Well ID: PZ-2	Well Diameter (ft.): 1	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: Bailer Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ Private WSW Public WSW	Screened Interval (ft.): 13 to 15	Total Well Depth (TWD) (ft.): 17.15	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.15	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 12	1 casing volume (CV = LWC x C) (gals.): 0.56	3 casing volumes (3 x CV) (gals.): 1.68	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	0.56	1.12	1.68		1.68	1.94	2.63
Time (military)	11:45	11:56	12:07	12:18		12:23	12:36	12:36
PH (s.u.)	6.63	6.37	6.44	6.37			6.37	6.41
Specific Conductivity (µS/cm)	0.115	0.114	0.108	0.099			0.099	0.099
Water Temperature (°C)	17.14	17.04	17.54	17.26			17.34	17.41
Turbidity (NTU)	22.4	123 NTU	903 NTU	253 NTU			760 NTU	694
Dissolved Oxygen (mg/L)	0.98	0.80	0.79	0.54			0.60	0.65
DBW	7.10	11.01	11.40	Sampling Data 12.02			12.14	12.22

Sampled By: Ath Ym	Sampling Time: 12:36	Duplicate: Y or N	If yes, Duplicate Time:
--------------------	----------------------	-------------------	-------------------------

Notes: Sample using Low Flow at 200 milliliter/min and Tubing set  
 Purge 3 vol Volumes and Read Stability and collect Sample. Turbidity High  
 well Poorly recharge constant lower flow due to water Table Droping Signature: Ath Ym

### Site Information

Date: 4-18-18	Site ID #: 27-222188.05	Site Name: P lot. 69	Field Personnel: Atn Ym
County: Trumb	Project Manager: Richard Steven	General Weather Conditions: Sunny	Ambient Air Temp (°F): 79 °F

### Quality Assurance

Meter Name YSI 556	Serial #: N/A	Calibration: 4-18-18	
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N	S.C.: Y or N
LaMotte (Turbidity)	67 3567Y	0.0 NTU: Y or N	1.0 NTU: Y or N

### Well Information

Well ID: PZ-3	Well Diameter (ft.): 1	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: Bailer X Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other _____ <input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	Screened Interval (ft.): 13 to 15	Total Well Depth (TWD) (ft.): 14.65	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.88	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 9.77	1 casing volume (CV = LWC x C) (gals.): 0.46	3 casing volumes (3 x CV) (gals.): 1.38	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	—	0.46	0.92	1.38			1.64	2.33
Time (military)	16:45	16:54	17:03	17:12			17:17	17:30
PH (s.u.)	6.21	5.93	5.89	5.88			5.86	5.87
Specific Conductivity (µS/cm)	0.126	0.140	0.139	0.139			0.139	0.139
Water Temperature (°C)	17.39	17.31	17.30	17.20			17.11	17.19
Turbidity (NTU)	42.4	146 NTU	113 NTU	33.5			35.7	39.3
Dissolved Oxygen (mg/L)	0.45	0.22	0.22	0.22			0.22	0.21
	6.74	7.15	7.13	Sampling Data 7.13			7.13	7.13

Sampled By: Atn Ym	Sampling Time: 17:30	Duplicate: Y or N	If yes, Duplicate Time:
--------------------	----------------------	-------------------	-------------------------

Notes: Sampling using Low-flow at 20 mill per min and tubing at 8.0

Purge 3 well volume and reading static and collect sample

Turbidity high but stabilized at ± 5 NTU

Signature: Atn Ym

### Site Information

Date: 4-17-18	Site ID #: 2722218800	Site Name: P. lot. 69	Field Personnel: Ah Yim
County: Trumb	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 73 °F

### Quality Assurance

Meter Name YSI - 556	Serial #: N/A	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N			
LaMotte (Turbidity)	2673567X	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

### Well Information

Well ID: SW-1	Well Diameter (ft.): N/A	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Pump
MW IW RW Private WSW Public WSW	Other Surface water	Screened Interval (ft.): to N/A	Total Well Depth (TWD) (ft.): N/A
Depth to Free Product (DFP) (ft.): N/A	Depth to Groundwater (DGW) (ft.): N/A	Free Product Thickness (ft.): N/A	
Length of water column (LWC = TWD - DGW) (ft.): N/A	1 casing volume (CV = LWC x C) (gals.): N/A	3 casing volumes (3 x CV) (gals.): N/A	

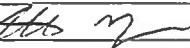
### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	/	/	/	/	/	/	/	-
Time (military)								14:30
PH (s.u.)								7.15
Specific Conductivity ( $\mu\text{S}/\text{cm}$ )								0.066
Water Temperature (°C)								17.39
Turbidity (NTU)								19.5
Dissolved Oxygen (mg/L)	/	/	/	/	/	/		2.19

### Sampling Data

Sampled By: Ah Yim	Sampling Time: 14:30	Duplicate: Y or N	If yes, Duplicate Time:
--------------------	----------------------	-------------------	-------------------------

Notes: Collect surface water with Bailer / No Pump

Signature: 

### Site Information

Date: 4-17-18	Site ID #: 2722218800	Site Name: Pilot-69	Field Personnel: Ath Y.m
County: Trouy	Project Manager: Richard Stevens	General Weather Conditions: sunny	Ambient Air Temp (°F): 73°F

### Quality Assurance

Meter Name YSI-556	Serial #: N/A	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C. Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N			
LaMotte (Turbidity)	473567X	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

### Well Information

Well ID: SW-2	Well Diameter (ft.): N/A	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Pump
MW Private WSW	IW Public WSW	RW Other Surface water	Screened Interval (ft.): to N/A
Depth to Free Product (DFP) (ft.): N/A	Depth to Groundwater (DGW) (ft.): N/A	Free Product Thickness (ft.): N/A	
Length of water column (LWC = TWD - DGW) (ft.): N/A	1 casing volume (CV = LWC x C) (gals.): N/A	3 casing volumes (3 x CV) (gals.): N/A	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)								1
Time (military)								15:05
PH (s.u.)								6.64
Specific Conductivity (µS/cm)								0.065
Water Temperature (°C)								17.52
Turbidity (NTU)								34.0
Dissolved Oxygen (mg/L)								1.77

### Sampling Data

Sampled By: Ath Y.m	Sampling Time: 15:05	Duplicate: Y or N	If yes, Duplicate Time:
---------------------	----------------------	-------------------	-------------------------

Notes: Collect surface water with Bailer / No Pump

Signature: Ath Y.m

### Site Information

Date: 4-17-18	Site ID #: 2722218800	Site Name: P. lot. 69	Field Personnel: Ath Yim
County: Trumb	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 75 °F

### Quality Assurance

Meter Name YSI - 556	Serial #: N/A	Calibration:	
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N	S.C. Y or N
LaMotte (Turbidity)	473367X	0.0 NTU: Y or N	1.0 NTU: Y or N

### Well Information

Well ID: SW-3	Well Diameter (ft.): N/A	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Pump
MW IW RW Private WSW Public WSW	Other Surface water	Screened Interval (ft.): to N/A	Total Well Depth (TWD) (ft.): N/A
Depth to Free Product (DFP) (ft.): N/A	Depth to Groundwater (DGW) (ft.): N/A	Free Product Thickness (ft.): N/A	
Length of water column (LWC = TWD - DGW) (ft.): N/A	1 casing volume (CV = LWC x C) (gals.): N/A	3 casing volumes (3 x CV) (gals.): N/A	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	/	/	/	/	/	/	/	-
Time (military)								15:45
PH (s.u.)								6.57
Specific Conductivity ( $\mu\text{S}/\text{cm}$ )								0.362
Water Temperature (°C)								16.81
Turbidity (NTU)								17.8
Dissolved Oxygen (mg/L)	/	/	/	/	/	/		1.58

### Sampling Data

Sampled By: Ath Yim	Sampling Time: 15:45	Duplicate: Y or N	If yes, Duplicate Time:
---------------------	----------------------	-------------------	-------------------------

Notes: Collect surface water with Bailer / No purge

Signature: Ath Yim

### Site Information

Date: 4-17-18	Site ID #: 2722218800	Site Name: 1st lot. 69	Field Personnel: Ath Yim
County:	Project Manager:	General Weather Conditions:	Ambient Air Temp (°F): 75 °F

### Quality Assurance

Meter Name YSI - 556 YSI 63 (pH, Specific Conductivity, Temperature)	Serial #: N/A N/A	Calibration: pH 4.0: Y or N pH 7.0: Y or N pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	N/A	(Y) or N	
LaMotte (Turbidity)	473567X	0.0 NTU: Y or N 1.0 NTU: Y or N	10.0 NTU: Y or N

### Well Information

Well ID: SW-4	Well Diameter (ft.): N/A	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: Bailer Pump
MW IW RW Private WSW Public WSW	Other Surface Water	Screened Interval (ft.): to N/A	Total Well Depth (TWD) (ft.): N/A
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): N/A	Free Product Thickness (ft.): N/A	
Length of water column (LWC = TWD - DGW) (ft.):	1 casing volume (CV = LWC x C) (gals.): N/A	3 casing volumes (3 x CV) (gals.): N/A	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)								-
Time (military)								16:25
PH (s.u.)								6.69
Specific Conductivity (µS/cm)								0.061
Water Temperature (°C)								16.67
Turbidity (NTU)								17.5
Dissolved Oxygen (mg/L)								1.63

### Sampling Data

Sampled By: Ath Yim	Sampling Time: 16:25	Duplicate: Y or N	If yes, Duplicate Time:
---------------------	----------------------	-------------------	-------------------------

Notes: Collect surface water with bailer / No Purge

Signature: Ath Yim

### Site Information

Date: 4.17.18	Site ID #: 2722218800	Site Name: Plat. 69	Field Personnel: Ath Ym
County: Trump	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 71°F

### Quality Assurance

Meter Name YSI - 554	Serial #: N/A	Calibration: 4-17-18			
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N			
LaMotte (Turbidity)	173567X	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

### Well Information

Well ID: SW-5	Well Diameter (ft.): N/A	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Pump
<input type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	<input checked="" type="checkbox"/> Other Surface water	Screened Interval (ft.): to N/A	Total Well Depth (TWD) (ft.): N/A
Depth to Free Product (DFP) (ft.): N/A	Depth to Groundwater (DGW) (ft.): N/A	Free Product Thickness (ft.): N/A	
Length of water column (LWC = TWD - DGW) (ft.): N/A	1 casing volume (CV = LWC x C) (gals.): N/A	3 casing volumes (3 x CV) (gals.): N/A	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)								-
Time (military)								13:55
PH (s.u.)								7.36
Specific Conductivity (µS/cm)								0.135
Water Temperature (°C)								21.47
Turbidity (NTU)								18.7
Dissolved Oxygen (mg/L)								1.98

### Sampling Data

Sampled By: Ath Ym	Sampling Time: 13:55	Duplicate: Y or <input checked="" type="checkbox"/>	If yes, Duplicate Time:
--------------------	----------------------	---	-------------------------

Notes: Collect surface water with Bailer / No Purge

Signature: Ath Ym

### Site Information

Date: 4-17-18	Site ID #: 2722218800	Site Name: P. lot. 69	Field Personnel: Ath Ym
County: Trumb	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 69°

### Quality Assurance

Meter Name 4 St - SS6	Serial #: N/A	Calibration: 4-17-18	
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y or N	pH 7.0: Y or N
YSI 55 (Dissolved Oxygen)	N/A	(Y) or N	
LaMotte (Turbidity)	47356X	0.0 NTU (Y) or N	1.0 NTU: Y or N

### Well Information

Well ID: SW-6	Well Diameter (ft.): N/A	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Pump
MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input checked="" type="checkbox"/> Other Private WSW <input type="checkbox"/> Public WSW	Surface water	Screened Interval (ft.): to N/A	Total Well Depth (TWD) (ft.): N/A
Depth to Free Product (DFP) (ft.): N/A	Depth to Groundwater (DGW) (ft.): N/A	Free Product Thickness (ft.): N/A	
Length of water column (LWC = TWD - DGW) (ft.): N/A	1 casing volume (CV = LWC x C) (gals.): N/A	3 casing volumes (3 x CV) (gals.): N/A	

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)								-
Time (military)								13:15
PH (s.u.)								7.05
Specific Conductivity ( $\mu\text{S}/\text{cm}$ )								0.138
Water Temperature (°C)								19.83
Turbidity (NTU)								7.52
Dissolved Oxygen (mg/L)								2.08

### Sampling Data

Sampled By: Ath Ym	Sampling Time: 13:45	Duplicate: Y or N	If yes, Duplicate Time:
--------------------	----------------------	-------------------	-------------------------

Notes: Collect surface water with Bailer / No Purge

Signature: 

**ATTACHMENT B**

**Laboratory Analytical Reports**

The results set forth herein are provided by SGS North America Inc.

**e-Hardcopy 2.0**  
*Automated Report*

## Technical Report for

### Pilot Travel Centers LLC

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

**27.222188.00**

**SGS Job Number: FA49786**

**Sampling Date: 11/30/17**



#### Report to:

**ATC Group Services LLC.**

**ristevens@ecsconsult.com**

**ATTN: Richard Stevens**

**Total number of pages in report: 13**



Test results contained within this data package meet the requirements  
of the National Environmental Laboratory Accreditation Program  
and/or state specific certification programs as applicable.

**Caitlin Brice, M.S.  
General Manager**

**Client Service contact: Muna Mohammed 407-425-6700**

Certifications: FL(E83510), LA(03051), KS(E-10327), IL(200063), NC(573), NJ(FL002), NY(12022), SC(96038001)  
DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177),  
AK, AR, IA, KY, MA, MS, ND, NH, NV, OK, OR, UT, WA, WV

This report shall not be reproduced, except in its entirety, without the written approval of SGS.

Test results relate only to samples analyzed.

# Table of Contents

-1-

<b>Section 1: Sample Summary .....</b>	<b>3</b>
<b>Section 2: Summary of Hits .....</b>	<b>4</b>
<b>Section 3: Sample Results .....</b>	<b>5</b>
<b>3.1: FA49786-1: WW EFF .....</b>	<b>6</b>
<b>Section 4: Misc. Forms .....</b>	<b>7</b>
<b>4.1: Chain of Custody .....</b>	<b>8</b>
<b>Section 5: MS Volatiles - QC Data Summaries .....</b>	<b>10</b>
<b>5.1: Method Blank Summary .....</b>	<b>11</b>
<b>5.2: Blank Spike Summary .....</b>	<b>12</b>
<b>5.3: Matrix Spike/Matrix Spike Duplicate Summary .....</b>	<b>13</b>

## Sample Summary

Pilot Travel Centers LLC

Job No: FA49786

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Project No: 27.222188.00

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID
FA49786-1	11/30/17	10:30 AY	12/01/17	AQ Water	WW EFF

**Summary of Hits**

Job Number: FA49786

Account: Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Collected: 11/30/17

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA49786-1	WW EFF					
1,4-Dioxane		3.2	1.0	0.30	ug/l	SW846 8260B BY SIM

**Sample Results**

---

**Report of Analysis**

---

**Report of Analysis**

Page 1 of 1

3

<b>Client Sample ID:</b>	WW EFF	<b>Date Sampled:</b>	11/30/17
<b>Lab Sample ID:</b>	FA49786-1	<b>Date Received:</b>	12/01/17
<b>Matrix:</b>	AQ - Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B BY SIM		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z49426.D	1	12/04/17 22:54	MM	n/a	n/a	VZ1856
Run #2							

Purge Volume
Run #1      5.0 ml
Run #2

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	3.2	1.0	0.30	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
17060-07-0	1,2-Dichloroethane-D4	105%		74-125%		
2037-26-5	Toluene-D8	101%		88-111%		

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Misc. Forms

### Custody Documents and Other Forms

---

**Includes the following where applicable:**

- Chain of Custody



# SGS Accutest Sample Receipt Summary

Job Number: FA49786 Client: ATC Project: PILOT 69  
 Date / Time Received: 12/1/2017 9:30:00 AM Delivery Method: FED EX Airbill #'s: 1002258334510003281100812191630767

Therm ID: IR 1;	Therm CF: 0.4;	# of Coolers: 1
<b>Cooler Temps (Raw Measured) °C:</b> Cooler 1: (1.2);		
<b>Cooler Temps (Corrected) °C:</b> Cooler 1: (1.6);		

4.1

4

<b>Cooler Information</b>		<b>Y or N</b>	<b>Sample Information</b>	<b>Y or N</b>	<b>N/A</b>
1. Custody Seals Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Sample labels present on bottles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Custody Seals Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Samples preserved properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Temp criteria achieved	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Sufficient volume/containers recvd for analysis:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Cooler temp verification	<u>IR Gun</u>		4. Condition of sample	<u>Intact</u>	
5. Cooler media	<u>Ice (Bag)</u>		5. Sample recvd within HT	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Trip Blank Information</b>		<b>Y or N</b>	6. Dates/Times/IDs on COC match Sample Label	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1. Trip Blank present / cooler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7. VOCs have headspace	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Trip Blank listed on COC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8. Bottles received for unspecified tests	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>W or S</b>		<b>N/A</b>	9. Compositing instructions clear	<input type="checkbox"/>	<input type="checkbox"/>
3. Type Of TB Received	<input type="checkbox"/>	<input type="checkbox"/>	10. VOA Soil Kits/Jars received past 48hrs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>	11. % Solids Jar received?	<input type="checkbox"/>	<input type="checkbox"/>
			12. Residual Chlorine Present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## Misc. Information

Number of Enclos: 25-Gram \_\_\_\_\_ 5-Gram \_\_\_\_\_  
 Test Strip Lot #: pH 0-3 \_\_\_\_\_ 230315  
 Residual Chlorine Test Strip Lot #: \_\_\_\_\_

Number of 5035 Field Kits: \_\_\_\_\_  
 pH 10-12 \_\_\_\_\_ 219813A

Number of Lab Filtered Metals: \_\_\_\_\_  
 Other: (Specify) \_\_\_\_\_

Comments

SM001  
 Rev. Date 05/24/17

Technician: SHAYLAP

Date: 12/1/2017 9:30:00 AM

Reviewer: P.H

Date: 12/1/2017

**FA49786: Chain of Custody**

Page 2 of 2

## MS Volatiles

### QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

## Method Blank Summary

Page 1 of 1

Job Number: FA49786

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1856-MB	Z49415.D	1	12/04/17	MM n/a	n/a	n/a	VZ1856

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA49786-1

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	104%
2037-26-5	Toluene-D8	99%      74-125% 88-111%

5.1.1  
5

## Blank Spike Summary

Page 1 of 1

Job Number: FA49786

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1856-BS	Z49413.D	1	12/04/17	MM n/a	n/a		VZ1856

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA49786-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	20.4	102	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	102%	74-125%
2037-26-5	Toluene-D8	100%	88-111%

\* = Outside of Control Limits.

5.2.1  
5

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA49786

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA49719-5MS	Z49432.D	1	12/05/17	MM	n/a	n/a	VZ1856
FA49719-5MSD	Z49433.D	1	12/05/17	MM	n/a	n/a	VZ1856
FA49719-5 <sup>a</sup>	Z49416.D	1	12/04/17	MM	n/a	n/a	VZ1856

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA49786-1

CAS No.	Compound	FA49719-5		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits Rec/RPD
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l	%		
123-91-1	1,4-Dioxane	1.0	U	20	19.8	99	20	20.0	100	1	65-121/27
Surrogate Recoveries											
17060-07-0	1,2-Dichloroethane-D4	103%		104%	102%	74-125%					
2037-26-5	Toluene-D8	103%		101%	101%	88-111%					

(a) Sample was not preserved to a pH < 2.

\* = Outside of Control Limits.

5.3.1  
5

The results set forth herein are provided by SGS North America Inc.

**e-Hardcopy 2.0**  
*Automated Report*

## Technical Report for

### Pilot Travel Centers LLC

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

**27.222188.00**

**SGS Job Number:** FA50545

**Sampling Date:** 12/27/17



#### Report to:

**Environmental Compliance Services, INC.**  
9874 Main St Suite 100  
Woodstock, GA 30188  
richard.stevens@atcassociates.com; donna.bass@atcassociates.com;  
mreid@pangean-cmd.com  
ATTN: Richard Stevens

**Total number of pages in report:** 13



Test results contained within this data package meet the requirements  
of the National Environmental Laboratory Accreditation Program  
and/or state specific certification programs as applicable.

**Caitlin Brice, M.S.  
General Manager**

**Client Service contact:** Muna Mohammed 407-425-6700

**Certifications:** FL(E83510), LA(03051), KS(E-10327), IL(200063), NC(573), NJ(FL002), NY(12022), SC(96038001)  
DoD ELAP(L-A-B L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177),  
AK, AR, GA, IA, KY, MA, NV, OK, OR, UT, WA

This report shall not be reproduced, except in its entirety, without the written approval of SGS.

Test results relate only to samples analyzed.

# Table of Contents

-1-

<b>Section 1: Sample Summary .....</b>	<b>3</b>
<b>Section 2: Summary of Hits .....</b>	<b>4</b>
<b>Section 3: Sample Results .....</b>	<b>5</b>
<b>3.1: FA50545-1: WW EFF .....</b>	<b>6</b>
<b>Section 4: Misc. Forms .....</b>	<b>7</b>
<b>4.1: Chain of Custody .....</b>	<b>8</b>
<b>Section 5: MS Volatiles - QC Data Summaries .....</b>	<b>10</b>
<b>5.1: Method Blank Summary .....</b>	<b>11</b>
<b>5.2: Blank Spike Summary .....</b>	<b>12</b>
<b>5.3: Matrix Spike/Matrix Spike Duplicate Summary .....</b>	<b>13</b>

1  
2  
3  
4  
5



## Sample Summary

Pilot Travel Centers LLC

Job No: FA50545

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Project No: 27.222188.00

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID
FA50545-1	12/27/17	14:30 SD	12/28/17	AQ Water	WW EFF

**Summary of Hits**

Job Number: FA50545  
Account: Pilot Travel Centers LLC  
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Collected: 12/27/17

Lab Sample ID	Client Sample ID	Result/ Analyte	Qual	RL	MDL	Units	Method
FA50545-1	WW EFF						
1,4-Dioxane		0.59 J		1.0	0.30	ug/l	SW846 8260B BY SIM

**Sample Results**

---

**Report of Analysis**

---

## Report of Analysis

Page 1 of 1

3

Client Sample ID:	WW EFF	Date Sampled:	12/27/17
Lab Sample ID:	FA50545-1	Date Received:	12/28/17
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260B BY SIM		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z49977.D	1	12/29/17 12:48	MM	n/a	n/a	VZ1876
Run #2							

Purge Volume
Run #1      5.0 ml
Run #2

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	0.59	1.0	0.30	ug/l	J
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
17060-07-0	1,2-Dichloroethane-D4	91%		74-125%		
2037-26-5	Toluene-D8	108%		88-111%		

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Misc. Forms

### Custody Documents and Other Forms

---

Includes the following where applicable:

- Chain of Custody

ACCUTEST

FA50545

PREM

## **ATC Chain Of Custody Record**

ATC Project Manager:				Billing Information				Incident Number (See ONLY)		DATE: 12/28/17									
<input type="checkbox"/> Richard Stevens <input type="checkbox"/> <input type="checkbox"/>				Pilot Travel Center LLC 5508 LONAS DRIVE KNOXVILLE, TENNESSEE 37909				SAP or CRMT Number											
CONSULTANT COMPANY: ATC GROUP SERVICES LLC				PROJECT ADDRESS (Street, City and State): 2990 Whitesville Rd				LaGrange		Georgia									
ADDRESS: 9874 Main Street, Suite 100				PROJECT CONTACT (Report to): Max Burmeister				CONSULTANT PROJECT NUMBER: PT 69 / 27.222188.00		00/1									
CITY: Woodstock, GA 30188				SAMPLER NAME(S) (Print): <i>Scott Dunn</i>				LAB USE ONLY											
TELEPHONE: (770) 926-8883	FAX: (770) 926-5383	EMAIL: richard.stevens@atcassociates.com		REQUESTED ANALYSIS If more than one method is listed, circle one															
TURNAROUND TIME (BUSINESS DAYS): STANDARD <input type="checkbox"/> 0 DAYS <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS <input type="checkbox"/> <24 HOURS				Container PID Readings or Laboratory Notes															
TEMPERATURE ON RECEIPT °C																			
SPECIAL INSTRUCTIONS OR NOTES :																			
LINE NO.	Field Sample Identification	DATE	TIME	MATRIX	HCl	HNO3	H2SO4	NONE	ICE	NO. OF CONT.	(8280) Bromochloromethane, Bromodichloromethane, Tert-butylbenzene, Chloroform, 1,4-Dioxane, Ethyl Alcohol, 2-Hexanone, 4-Methyl-2-pentanone, MTBE, 1,2-A- Trimethylbenzene, 1,3,5- Trimethylbenzene	(8270) Benzolic Acid, 384- Methyl phenol, Benzyl Alcohol	(Total Metal 6010) Total Barium, Cobalt, Lead	Metals (Specify)					
1	WW-EFF	12/27	1430	WATER	X			X	3				3						
Relinquished by: (Signature) <i>Ken D</i>				Received by: (Signature) <i>Fed Ex</i>								Date:		Time:					
Relinquished by: (Signature) <i>Fed Ex</i>				Received by: (Signature) <i>M J</i>								Date: 12/28/17		Time: 980					
Relinquished by: (Signature)				Received by: (Signature) <i>M J</i>								Date:		Time:					

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client

---

05/10/2011 Revision

# FA50545: Chain of Custody

# SGS Accutest Sample Receipt Summary

Job Number: FA50545	Client: ATC	Project: 2990 WHITESVILLE RD.
Date / Time Received: 12/28/2017 9:30:00 AM	Delivery Method: FED EX	Airbill #'s: 867260983600
Therm ID: IR 1; Therm CF: 0.4; # of Coolers: 1 <b>Cooler Temps (Raw Measured) °C:</b> Cooler 1: (2.8); <b>Cooler Temps (Corrected) °C:</b> Cooler 1: (3.2);		

<b>Cooler Information</b>		<b>Y or N</b>	<b>Sample Information</b>	<b>Y or N</b>	<b>N/A</b>
1. Custody Seals Present		<input checked="" type="checkbox"/> <input type="checkbox"/>	1. Sample labels present on bottles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Custody Seals Intact		<input checked="" type="checkbox"/> <input type="checkbox"/>	2. Samples preserved properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Temp criteria achieved		<input checked="" type="checkbox"/> <input type="checkbox"/>	3. Sufficient volume/containers recvd for analysis:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Cooler temp verification		IR Gun	4. Condition of sample	Intact	
5. Cooler media		Ice (Bag)	5. Sample recvd within HT	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Trip Blank Information</b>		<b>Y or N</b>	6. Dates/Times/IDs on COC match Sample Label	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1. Trip Blank present / cooler		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	7. VOCs have headspace	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
2. Trip Blank listed on COC		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	8. Bottles received for unspecified tests	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<b>W or S</b>	9. Compositing instructions clear	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>
3. Type Of TB Received		<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	10. VOA Soil Kits/Jars received past 48hrs?	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>
			11. % Solids Jar received?	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>
			12. Residual Chlorine Present?	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>

<b>Misc. Information</b>		
Number of Encores: 25-Gram _____	5-Gram _____	Number of 5035 Field Kits: _____
Test Strip Lot #: pH 0-3 _____	230315	pH 10-12 _____ 219813A
Residual Chlorine Test Strip Lot #:		Number of Lab Filtered Metals: _____
Comments		

SM001  
Rev. Date 05/24/17

Technician: SHAYLAP Date: 12/28/2017 9:30:00 A Reviewer: P.H Date: 12/28/2017

**FA50545: Chain of Custody**  
**Page 2 of 2**

4.1

4

**MS Volatiles****5****QC Data Summaries**

---

**Includes the following where applicable:**

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

## Method Blank Summary

Page 1 of 1

Job Number: FA50545

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1876-MB	Z49975.D	1	12/29/17	MM n/a	n/a		VZ1876

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA50545-1

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	89%
2037-26-5	Toluene-D8	104% 74-125% 88-111%

5.1.1  
5

## Blank Spike Summary

Page 1 of 1

Job Number: FA50545

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1876-BS	Z49973.D	1	12/29/17	MM n/a	n/a		VZ1876

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA50545-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	18.4	92	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	89%	74-125%
2037-26-5	Toluene-D8	104%	88-111%

\* = Outside of Control Limits.

5.2.1  
5

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA50545

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA50545-1MS	Z49988.D	1	12/29/17	MM	n/a	n/a	VZ1876
FA50545-1MSD	Z49989.D	1	12/29/17	MM	n/a	n/a	VZ1876
FA50545-1	Z49977.D	1	12/29/17	MM	n/a	n/a	VZ1876

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA50545-1

CAS No.	Compound	FA50545-1		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits Rec/RPD
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l	%		
123-91-1	1,4-Dioxane	0.59	J	20	19.3	94	20	17.1	83	12	65-121/27
CAS No.	Surrogate Recoveries	MS	MSD	FA50545-1		Limits					
17060-07-0	1,2-Dichloroethane-D4	91%	93%	91%	74-125%						
2037-26-5	Toluene-D8	108%	107%	108%	88-111%						

\* = Outside of Control Limits.

5.3.1  
5

The results set forth herein are provided by SGS North America Inc.

**e-Hardcopy 2.0**  
*Automated Report*

## Technical Report for

### Pilot Travel Centers LLC

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

**27.222188.00**

**SGS Job Number:** FA51429

**Sampling Date:** 01/30/18



#### Report to:

**Environmental Compliance Services, INC.  
9874 Main St Suite 100  
Woodstock, GA 30188  
richard.stevens@atcassociates.com; donna.bass@atcassociates.com;  
mreid@pangean-cmd.com  
ATTN: Richard Stevens**

**Total number of pages in report: 13**



Test results contained within this data package meet the requirements  
of the National Environmental Laboratory Accreditation Program  
and/or state specific certification programs as applicable.

**Caitlin Brice, M.S.  
General Manager**

**Client Service contact: Muna Mohammed 407-425-6700**

Certifications: FL(E83510), LA(03051), KS(E-10327), IL(200063), NC(573), NJ(FL002), NY(12022), SC(96038001)  
DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177),  
AK, AR, IA, KY, MA, MS, ND, NH, NV, OK, OR, UT, WA, WV

This report shall not be reproduced, except in its entirety, without the written approval of SGS.

Test results relate only to samples analyzed.

# Table of Contents

-1-

<b>Section 1: Sample Summary .....</b>	<b>3</b>
<b>Section 2: Summary of Hits .....</b>	<b>4</b>
<b>Section 3: Sample Results .....</b>	<b>5</b>
<b>3.1: FA51429-1: WW EFF .....</b>	<b>6</b>
<b>Section 4: Misc. Forms .....</b>	<b>7</b>
<b>4.1: Chain of Custody .....</b>	<b>8</b>
<b>Section 5: MS Volatiles - QC Data Summaries .....</b>	<b>10</b>
<b>5.1: Method Blank Summary .....</b>	<b>11</b>
<b>5.2: Blank Spike Summary .....</b>	<b>12</b>
<b>5.3: Matrix Spike/Matrix Spike Duplicate Summary .....</b>	<b>13</b>

1  
2  
3  
4  
5



## Sample Summary

Pilot Travel Centers LLC

Job No: FA51429

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Project No: 27.222188.00

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID
FA51429-1	01/30/18	11:30 SD	01/31/18	AQ Water	WW EFF

**Summary of Hits**

Job Number: FA51429  
Account: Pilot Travel Centers LLC  
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Collected: 01/30/18

Lab Sample ID	Client Sample ID	Result/ Analyte	Qual	RL	MDL	Units	Method
FA51429-1	WW EFF						
1,4-Dioxane		0.58 J		1.0	0.30	ug/l	SW846 8260B BY SIM

**Sample Results**

---

**Report of Analysis**

---

**Report of Analysis**

Page 1 of 1

3

<b>Client Sample ID:</b>	WW EFF	<b>Date Sampled:</b>	01/30/18
<b>Lab Sample ID:</b>	FA51429-1	<b>Date Received:</b>	01/31/18
<b>Matrix:</b>	AQ - Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B BY SIM		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5E5893.D	1	01/31/18 14:34	MM	n/a	n/a	V5E242
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	0.58	1.0	0.30	ug/l	J
<b>CAS No.</b> <b>Surrogate Recoveries</b> <b>Run# 1</b> <b>Run# 2</b> <b>Limits</b>						
17060-07-0	1,2-Dichloroethane-D4	105%		74-125%		
2037-26-5	Toluene-D8	100%		88-111%		

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Misc. Forms

### Custody Documents and Other Forms

---

**Includes the following where applicable:**

- Chain of Custody



## CHAIN OF CUSTODY

4405 Vineland Rd., Suite C15  
Orlando, FL 32811  
407.425.6700, fax 407.425.0707

**PREM**

**Accutest Job #:**

FA51429

Accutest Control #:

## **FA51429: Chain of Custody**

Page 1 of 2

# SGS Sample Receipt Summary

Job Number: FA51429	Client: ATC	Project: PILOT #69
Date / Time Received: 1/31/2018 9:45:00 AM	Delivery Method: FED EX	Airbill #'s: 1001864154510003281100867260983703
Therm ID: IR 1; Therm CF: 0.4; # of Coolers: 1 <b>Cooler Temps (Raw Measured) °C:</b> Cooler 1: (2.6); <b>Cooler Temps (Corrected) °C:</b> Cooler 1: (3.0);		

<b>Cooler Information</b>		<b>Y or N</b>	<b>Sample Information</b>	<b>Y or N</b>	<b>N/A</b>
1. Custody Seals Present		<input checked="" type="checkbox"/> <input type="checkbox"/>	1. Sample labels present on bottles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Custody Seals Intact		<input checked="" type="checkbox"/> <input type="checkbox"/>	2. Samples preserved properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Temp criteria achieved		<input checked="" type="checkbox"/> <input type="checkbox"/>	3. Sufficient volume/containers recvd for analysis:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Cooler temp verification		IR Gun	4. Condition of sample	Intact	
5. Cooler media		Ice (Bag)	5. Sample recvd within HT	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Trip Blank Information</b>		<b>Y or N</b>	<b>N/A</b>	6. Dates/Times/IDs on COC match Sample Label	<input checked="" type="checkbox"/>
1. Trip Blank present / cooler		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		7. VOCs have headspace	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
2. Trip Blank listed on COC		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		8. Bottles received for unspecified tests	<input type="checkbox"/> <input checked="" type="checkbox"/>
		<b>W or S</b>	<b>N/A</b>	9. Compositing instructions clear	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
3. Type Of TB Received		<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		10. VOA Soil Kits/Jars received past 48hrs?	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
				11. % Solids Jar received?	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
				12. Residual Chlorine Present?	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>

<b>Misc. Information</b>					
Number of Enclosures: 25-Gram	<input type="text"/>	5-Gram	<input type="text"/>	Number of 5035 Field Kits:	<input type="text"/>
Test Strip Lot #:	pH 0-3	230315		pH 10-12	219813A
Residual Chlorine Test Strip Lot #:			Number of Lab Filtered Metals: _____		
Comments			Other: (Specify) _____		

SM001  
Rev. Date 05/24/17

Technician: SHAYLAP

Date: 1/31/2018 9:45:00 AM

Reviewer: P.H

Date: 1/31/2018

**FA51429: Chain of Custody**  
**Page 2 of 2**

4.1

4

**MS Volatiles****5****QC Data Summaries**

---

**Includes the following where applicable:**

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

## Method Blank Summary

Page 1 of 1

Job Number: FA51429

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5E242-MB	5E5886.D	1	01/31/18	MM n/a	n/a		V5E242

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA51429-1

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	0.34	1.0	0.30	ug/l	J

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	101%
2037-26-5	Toluene-D8	99% 88-111%

5.1.1  
5

## Blank Spike Summary

Page 1 of 1

Job Number: FA51429

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5E242-BS	5E5885.D	1	01/31/18	MM n/a	n/a		V5E242

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA51429-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	17.9	90	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	101%	74-125%
2037-26-5	Toluene-D8	99%	88-111%

\* = Outside of Control Limits.

5.2.1  
5

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA51429

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA51429-1MS	5E5894.D	5	01/31/18	MM	n/a	n/a	V5E242
FA51429-1MSD	5E5895.D	5	01/31/18	MM	n/a	n/a	V5E242
FA51429-1	5E5893.D	1	01/31/18	MM	n/a	n/a	V5E242

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA51429-1

CAS No.	Compound	FA51429-1		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits Rec/RPD
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l	%		
123-91-1	1,4-Dioxane	0.58	J	100	94.0	93	100	95.6	95	2	65-121/27
Surrogate Recoveries											
17060-07-0	1,2-Dichloroethane-D4	103%		104%	105%		74-125%				
2037-26-5	Toluene-D8	99%		98%	100%		88-111%				

\* = Outside of Control Limits.

5.3.1  
5

The results set forth herein are provided by SGS North America Inc.

**e-Hardcopy 2.0**  
*Automated Report*

## Technical Report for

### Pilot Travel Centers LLC

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

**27.222188.00**

**SGS Job Number:** FA52176

**Sampling Date:** 03/02/18



#### Report to:

**Environmental Compliance Services, INC.  
9874 Main St Suite 100  
Woodstock, GA 30188  
richard.stevens@atcassociates.com; donna.bass@atcassociates.com;  
mreid@pangean-cmd.com  
ATTN: Richard Stevens**

**Total number of pages in report: 13**



Test results contained within this data package meet the requirements  
of the National Environmental Laboratory Accreditation Program  
and/or state specific certification programs as applicable.

**Caitlin Brice, M.S.  
General Manager**

**Client Service contact: Muna Mohammed 407-425-6700**

Certifications: FL(E83510), LA(03051), KS(E-10327), IL(200063), NC(573), NJ(FL002), NY(12022), SC(96038001)  
DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177),  
AK, AR, IA, KY, MA, MS, ND, NH, NV, OK, OR, UT, WA, WV

This report shall not be reproduced, except in its entirety, without the written approval of SGS.

Test results relate only to samples analyzed.

# Table of Contents

-1-

<b>Section 1: Sample Summary .....</b>	<b>3</b>
<b>Section 2: Summary of Hits .....</b>	<b>4</b>
<b>Section 3: Sample Results .....</b>	<b>5</b>
<b>3.1: FA52176-1: WW EFF .....</b>	<b>6</b>
<b>Section 4: Misc. Forms .....</b>	<b>7</b>
<b>4.1: Chain of Custody .....</b>	<b>8</b>
<b>Section 5: MS Volatiles - QC Data Summaries .....</b>	<b>10</b>
<b>5.1: Method Blank Summary .....</b>	<b>11</b>
<b>5.2: Blank Spike Summary .....</b>	<b>12</b>
<b>5.3: Matrix Spike/Matrix Spike Duplicate Summary .....</b>	<b>13</b>

1  
2  
3  
4  
5

## Sample Summary

Pilot Travel Centers LLC

Job No: FA52176

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Project No: 27.222188.00

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID
FA52176-1	03/02/18	11:50 PN	03/03/18	AQ Water	WW EFF

**Summary of Hits**

Job Number: FA52176  
Account: Pilot Travel Centers LLC  
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Collected: 03/02/18

Lab Sample ID	Client Sample ID	Result/ Analyte	Qual	RL	MDL	Units	Method
FA52176-1	WW EFF						
1,4-Dioxane		9.1		1.0	0.30	ug/l	SW846 8260B BY SIM

**Sample Results**

---

**Report of Analysis**

---

## Report of Analysis

Page 1 of 1

3

Client Sample ID:	WW EFF	Date Sampled:	03/02/18
Lab Sample ID:	FA52176-1	Date Received:	03/03/18
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260B BY SIM		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z50760.D	1	03/05/18 09:43	MM	n/a	n/a	VZ1910
Run #2 <sup>a</sup>	Z50771.D	1	03/05/18 13:42	MM	n/a	n/a	VZ1910

Purge Volume	
Run #1	5.0 ml
Run #2	5.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	9.1	1.0	0.30	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
17060-07-0	1,2-Dichloroethane-D4	100%	99%	74-125%		
2037-26-5	Toluene-D8	124% <sup>b</sup>	125% <sup>b</sup>	88-111%		

- (a) Confirmation run for surrogate recoveries.  
 (b) Outside control limits due to matrix interference.

---

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Misc. Forms

### Custody Documents and Other Forms

---

**Includes the following where applicable:**

- Chain of Custody



**CHAIN OF CUSTODY**

4405 Vineland Rd., Suite C15  
Orlando, FL 32811  
07-425-6700 fax 407-425-0707

PREM

**Accutest Job #:**

FA52176

Client Information		Facility Information			Analytical Information			
Name <b>ATC</b>		Project Name <i>Pilot #69</i>						
Address 9874 MAIN ST., STE 100		Location 2418 Whitesville Rd Lagrange GA						
City WOODSTOCK, GA 30188	State GA	Zip 30188	Project No. 2722218800					
Report to: email: ristevens@ecconsult.com Phone #: 770-926-8883, ext 146		FAX #:						
Field ID / Point of Collection <i>WW FFP(1)</i>		Collection			Preservation			
		18 Date 3-2	AM Time 11:50	Sampled By PN	Matrix 4w	# of bottles 3	VOC None	NaOH HNO3
					<i>TPH ORO 8x15</i>			
					<i>BTEX 8260</i>			
					<i>Benzene 8260</i>			
					<i>BTEX 1704 by 18</i>			
					<i>14, diclore</i>			
Turnaround Information		Data Deliverable Information			Comments / Remarks			
<input checked="" type="checkbox"/> 14 Day Standard <input type="checkbox"/> 7 days <input type="checkbox"/> 24 hour <input type="checkbox"/> Other _____ (Days)		Approved By: _____ <input type="checkbox"/> NJ Reduced <input type="checkbox"/> NJ Full <input type="checkbox"/> FULL CLP <input type="checkbox"/> Disk Deliverable <input type="checkbox"/> Other (Specify) _____			<input type="checkbox"/> Commercial "A" <input type="checkbox"/> Commercial "B" <input type="checkbox"/> ASP Category B <input type="checkbox"/> State Forms			
RUSH TAT is for DATA Data unless previously approved.								
Sample Custody must be documented below each time samples change possession, including courier delivery.								
Relinquished by Sampler: <i>1</i>	Date Time: <i>3-2-18 4:30</i>	Received By: <i>1 Fed Ex</i>	Relinquished By: <i>2 Fed Ex</i>	Date Time:			Received By: <i>2</i>	<i>930</i>
Relinquished by Sampler: <i>3</i>	Date Time:	Received By: <i>3</i>	Relinquished By: <i>4</i>	Date Time:			Received By: <i>4</i>	<i>03/03/18</i>
Relinquished by Sampler: <i>5</i>	Date Time:	Received By: <i>5</i>	Seal #	Preserved where applica			On Ice: <i>□</i>	<i>300</i>

4.1

FA52176: Chain of Custody  
Page 1 of 2

# SGS Sample Receipt Summary

Job Number: FA52176	Client: ATC	Project: PILOT #69
Date / Time Received: 3/3/2018 9:30:00 AM	Delivery Method: FED EX	Airbill #'s: 1002241160310003281100812787599749
Therm ID: IR 1; Therm CF: 0.4; # of Coolers: 1 <b>Cooler Temps (Raw Measured) °C:</b> Cooler 1: (2.6); <b>Cooler Temps (Corrected) °C:</b> Cooler 1: (3.0);		

<b>Cooler Information</b>		<b>Y or N</b>	<b>Sample Information</b>	<b>Y or N</b>	<b>N/A</b>
1. Custody Seals Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Sample labels present on bottles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Custody Seals Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Samples preserved properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Temp criteria achieved	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Sufficient volume/containers recvd for analysis:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Cooler temp verification	<u>IR Gun</u>		4. Condition of sample	<u>Intact</u>	
5. Cooler media	<u>Ice (Bag)</u>		5. Sample recvd within HT	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Trip Blank Information</b>		<b>Y or N</b>	<b>N/A</b>	6. Dates/Times/IDs on COC match Sample Label	<input checked="" type="checkbox"/>
1. Trip Blank present / cooler	<input type="checkbox"/>	<input checked="" type="checkbox"/>		7. VOCs have headspace	<input type="checkbox"/>
2. Trip Blank listed on COC	<input type="checkbox"/>	<input checked="" type="checkbox"/>		8. Bottles received for unspecified tests	<input type="checkbox"/>
3. Type Of TB Received	<input type="checkbox"/>	<input type="checkbox"/>		9. Compositing instructions clear	<input type="checkbox"/>
		<input checked="" type="checkbox"/>		10. VOA Soil Kits/Jars received past 48hrs?	<input type="checkbox"/>
				11. % Solids Jar received?	<input type="checkbox"/>
				12. Residual Chlorine Present?	<input type="checkbox"/>

<b>Misc. Information</b>		
Number of Encores: 25-Gram _____	5-Gram _____	Number of 5035 Field Kits: _____
Test Strip Lot #: pH 0-3 _____	230315	pH 10-12 _____ 219813A
Residual Chlorine Test Strip Lot #: _____		Number of Lab Filtered Metals: _____
		Other: (Specify) _____
Comments		

SM001  
Rev. Date 05/24/17

Technician: SHAYLAP Date: 3/3/2018 9:30:00 AM Reviewer: P.H Date: 3/3/2018

**FA52176: Chain of Custody**  
**Page 2 of 2**

4.1

4

**MS Volatiles****5****QC Data Summaries**

---

**Includes the following where applicable:**

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

## Method Blank Summary

Page 1 of 1

Job Number: FA52176

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1910-MB	Z50759.D	1	03/05/18	MM n/a	n/a		VZ1910

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA52176-1

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	102% 74-125%
2037-26-5	Toluene-D8	99% 88-111%

5.1.1

5

## Blank Spike Summary

Page 1 of 1

Job Number: FA52176

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1910-BS	Z50757.D	1	03/05/18	MM n/a		n/a	VZ1910

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA52176-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	19.9	100	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	100%	74-125%
2037-26-5	Toluene-D8	101%	88-111%

\* = Outside of Control Limits.

5.2.1  
5

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA52176

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
TD17378-1MS	Z50772.D	1	03/05/18	MM	n/a	n/a	VZ1910
TD17378-1MSD	Z50773.D	1	03/05/18	MM	n/a	n/a	VZ1910
TD17378-1	Z50761.D	1	03/05/18	MM	n/a	n/a	VZ1910

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA52176-1

CAS No.	Compound	TD17378-1		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits Rec/RPD
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l	%		
123-91-1	1,4-Dioxane	ND		20	19.5	98	20	21.2	106	8	65-121/27
Surrogate Recoveries											
17060-07-0	1,2-Dichloroethane-D4	99%		100%	100%		74-125%				
2037-26-5	Toluene-D8	102%		101%	100%		88-111%				

\* = Outside of Control Limits.

5.3.1  
5

The results set forth herein are provided by SGS North America Inc.

**e-Hardcopy 2.0**  
*Automated Report*

## Technical Report for

### Pilot Travel Centers LLC

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

**27.222188.00**

**SGS Job Number:** FA53022

**Sampling Date:** 03/30/18



#### Report to:

**ATC Group Services LLC.**

**ristevens@ecsconsult.com**

**ATTN: Richard Stevens**

**Total number of pages in report: 13**



Test results contained within this data package meet the requirements  
of the National Environmental Laboratory Accreditation Program  
and/or state specific certification programs as applicable.

**Caitlin Brice, M.S.  
General Manager**

**Client Service contact: Muna Mohammed 407-425-6700**

Certifications: FL(E83510), LA(03051), KS(E-10327), IL(200063), NC(573), NJ(FL002), NY(12022), SC(96038001)  
DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177),  
AK, AR, IA, KY, MA, MS, ND, NH, NV, OK, OR, UT, WA, WV

This report shall not be reproduced, except in its entirety, without the written approval of SGS.

Test results relate only to samples analyzed.

# Table of Contents

-1-

<b>Section 1: Sample Summary .....</b>	<b>3</b>
<b>Section 2: Summary of Hits .....</b>	<b>4</b>
<b>Section 3: Sample Results .....</b>	<b>5</b>
<b>3.1: FA53022-1: WW EFF .....</b>	<b>6</b>
<b>Section 4: Misc. Forms .....</b>	<b>7</b>
<b>4.1: Chain of Custody .....</b>	<b>8</b>
<b>Section 5: MS Volatiles - QC Data Summaries .....</b>	<b>10</b>
<b>5.1: Method Blank Summary .....</b>	<b>11</b>
<b>5.2: Blank Spike Summary .....</b>	<b>12</b>
<b>5.3: Matrix Spike/Matrix Spike Duplicate Summary .....</b>	<b>13</b>

1  
2  
3  
4  
5

## Sample Summary

Pilot Travel Centers LLC

Job No: FA53022

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Project No: 27.222188.00

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID
FA53022-1	03/30/18	12:00 PN	04/03/18	AQ Water	WW EFF



**Summary of Hits**

Job Number: FA53022  
Account: Pilot Travel Centers LLC  
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Collected: 03/30/18

Lab Sample ID	Client Sample ID	Result/ Analyte	Qual	RL	MDL	Units	Method
FA53022-1	WW EFF						
1,4-Dioxane		7.0		1.0	0.30	ug/l	SW846 8260B BY SIM

**Sample Results**

---

**Report of Analysis**

---

**Report of Analysis**

Page 1 of 1

3

<b>Client Sample ID:</b>	WW EFF	<b>Date Sampled:</b>	03/30/18
<b>Lab Sample ID:</b>	FA53022-1	<b>Date Received:</b>	04/03/18
<b>Matrix:</b>	AQ - Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B BY SIM		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z51430.D	1	04/05/18 12:57	MM	n/a	n/a	VZ1935
Run #2 <sup>a</sup>	Z51509.D	1	04/10/18 11:17	MM	n/a	n/a	VZ1939

Purge Volume	
Run #1	5.0 ml
Run #2	5.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

123-91-1	1,4-Dioxane	7.0	1.0	0.30	ug/l	
----------	-------------	-----	-----	------	------	--

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
---------	----------------------	--------	--------	--------

17060-07-0	1,2-Dichloroethane-D4	102%	115%	74-125%
2037-26-5	Toluene-D8	124% <sup>b</sup>	136% <sup>b</sup>	88-111%

(a) Confirmation run for surrogate recoveries.

(b) Outside control limits.

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Misc. Forms

### Custody Documents and Other Forms

---

**Includes the following where applicable:**

- Chain of Custody



## CHAIN OF CUSTODY

4405 Vineland Rd., Suite C1  
Orlando, FL 32811  
407.425.6700, fax 407.425.0707

PREM

Accutest Job #:

FA53022

4.1

4

## FA53022: Chain of Custody

# SGS Sample Receipt Summary

Job Number: FA53022	Client: ATC	Project: PILOT #69
Date / Time Received: 4/3/2018 9:15:00 AM	Delivery Method: FED EX	Airbill #'s: 1001864170310003281100867261049478
Therm ID: IR 1; Therm CF: 0.4; # of Coolers: 1 <b>Cooler Temps (Raw Measured) °C:</b> Cooler 1: (2.8); <b>Cooler Temps (Corrected) °C:</b> Cooler 1: (3.2);		

<b>Cooler Information</b>		<b>Y or N</b>	<b>Sample Information</b>	<b>Y or N</b>	<b>N/A</b>
1. Custody Seals Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Sample labels present on bottles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Custody Seals Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Samples preserved properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Temp criteria achieved	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Sufficient volume/containers recvd for analysis:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Cooler temp verification	<u>IR Gun</u>		4. Condition of sample	<u>Intact</u>	
5. Cooler media	<u>Ice (Bag)</u>		5. Sample recvd within HT	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Trip Blank Information</b>		<b>Y or N</b>	6. Dates/Times/IDs on COC match Sample Label	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1. Trip Blank present / cooler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7. VOCs have headspace	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Trip Blank listed on COC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8. Bottles received for unspecified tests	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<b>W or S</b>	9. Compositing instructions clear	<input type="checkbox"/>	<input type="checkbox"/>
3. Type Of TB Received	<input type="checkbox"/>	<input type="checkbox"/>	10. VOA Soil Kits/Jars received past 48hrs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>	11. % Solids Jar received?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			12. Residual Chlorine Present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<b>Misc. Information</b>					
Number of Enclosures: 25-Gram	<input type="text"/>	5-Gram	<input type="text"/>	Number of 5035 Field Kits:	<input type="text"/>
Test Strip Lot #:	<u>pH 0-3</u>	<u>230315</u>		pH 10-12	<u>219813A</u>
Residual Chlorine Test Strip Lot #:			Number of Lab Filtered Metals: _____		
Comments					

SM001  
Rev. Date 05/24/17

Technician: SHAYLAP Date: 4/3/2018 9:15:00 AM Reviewer: JC Date: 4/3/2018

**FA53022: Chain of Custody**  
**Page 2 of 2**

4.1

4

**MS Volatiles****5****QC Data Summaries**

**Includes the following where applicable:**

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

## Method Blank Summary

Page 1 of 1

Job Number: FA53022

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1935-MB	Z51421.D	1	04/05/18	MM n/a	n/a		VZ1935

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA53022-1

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	103%
2037-26-5	Toluene-D8	97%      74-125% 88-111%

5.1.1

5

## Blank Spike Summary

Page 1 of 1

Job Number: FA53022

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1935-BS	Z51422.D	1	04/05/18	MM n/a		n/a	VZ1935

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA53022-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	20.7	104	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	103%	74-125%
2037-26-5	Toluene-D8	98%	88-111%

\* = Outside of Control Limits.

5.2.1  
5

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA53022

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
TD18996-34AMS	Z51442.D	1	04/05/18	MM	n/a	n/a	VZ1935
TD18996-34AMSD	Z51443.D	1	04/05/18	MM	n/a	n/a	VZ1935
TD18996-34A	Z51427.D	1	04/05/18	MM	n/a	n/a	VZ1935

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA53022-1

CAS No.	Compound	TD18996-34A		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits Rec/RPD
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l	%		
123-91-1	1,4-Dioxane	0.72	J	20	25.6	124*	20	16.6	79	43*	65-121/27
CAS No. Surrogate Recoveries											
17060-07-0	1,2-Dichloroethane-D4	101%		102%		103%		74-125%			
2037-26-5	Toluene-D8	98%		97%		98%		88-111%			

\* = Outside of Control Limits.

5.3.1  
5

The results set forth herein are provided by SGS North America Inc.

**e-Hardcopy 2.0**  
*Automated Report*

## Technical Report for

### Pilot Travel Centers LLC

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

**27.222188.00**

**SGS Job Number:** FA53955

**Sampling Date:** 05/01/18



#### Report to:

**Environmental Compliance Services, INC.  
9874 Main St Suite 100  
Woodstock, GA 30188  
richard.stevens@atcassociates.com; donna.bass@atcassociates.com;  
mreid@pangean-cmd.com  
ATTN: Richard Stevens**

**Total number of pages in report: 13**



Test results contained within this data package meet the requirements  
of the National Environmental Laboratory Accreditation Program  
and/or state specific certification programs as applicable.

**Caitlin Brice, M.S.  
General Manager**

**Client Service contact: Muna Mohammed 407-425-6700**

**Certifications: FL(E83510), LA(03051), KS(E-10327), IL(200063), NC(573), NJ(FL002), NY(12022), SC(96038001)  
DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177),  
AK, AR, IA, KY, MA, MS, ND, NH, NV, OK, OR, UT, WA, WV**

**This report shall not be reproduced, except in its entirety, without the written approval of SGS.**

**Test results relate only to samples analyzed.**

# Table of Contents

-1-

<b>Section 1: Sample Summary .....</b>	<b>3</b>
<b>Section 2: Summary of Hits .....</b>	<b>4</b>
<b>Section 3: Sample Results .....</b>	<b>5</b>
<b>3.1: FA53955-1: WW EFF .....</b>	<b>6</b>
<b>Section 4: Misc. Forms .....</b>	<b>7</b>
<b>4.1: Chain of Custody .....</b>	<b>8</b>
<b>Section 5: MS Volatiles - QC Data Summaries .....</b>	<b>10</b>
<b>5.1: Method Blank Summary .....</b>	<b>11</b>
<b>5.2: Blank Spike Summary .....</b>	<b>12</b>
<b>5.3: Matrix Spike/Matrix Spike Duplicate Summary .....</b>	<b>13</b>

1  
2  
3  
4  
5



## Sample Summary

Pilot Travel Centers LLC

Job No: FA53955

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Project No: 27.222188.00

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID
FA53955-1	05/01/18	13:15 PH	05/04/18	AQ Water	WW EFF

**Summary of Hits**

Job Number: FA53955  
Account: Pilot Travel Centers LLC  
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Collected: 05/01/18

Lab Sample ID	Client Sample ID	Result/ Analyte	Qual	RL	MDL	Units	Method
FA53955-1	WW EFF						
1,4-Dioxane		8.5		1.0	0.30	ug/l	SW846 8260B BY SIM

**Sample Results**

---

**Report of Analysis**

---

**Report of Analysis**

Page 1 of 1

3

<b>Client Sample ID:</b>	WW EFF	<b>Date Sampled:</b>	05/01/18
<b>Lab Sample ID:</b>	FA53955-1	<b>Date Received:</b>	05/04/18
<b>Matrix:</b>	AQ - Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B BY SIM		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z52044.D	1	05/09/18 14:45	MM	n/a	n/a	VZ1960
Run #2							

Purge Volume
Run #1      5.0 ml
Run #2

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	8.5	1.0	0.30	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
17060-07-0	1,2-Dichloroethane-D4	105%		74-125%		
2037-26-5	Toluene-D8	110%		88-111%		

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Misc. Forms

### Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



**CHAIN OF CUSTODY**

4405 Vineland Rd., Suite C15  
Orlando, FL 32811  
07.425.6700, fax 407.425.0707

**Accutest Job #:**

FA53955

## **FA53955: Chain of Custody**

Page 1 of 2

# SGS Sample Receipt Summary

Job Number: FA53955	Client: ATC	Project: PILOT #69
Date / Time Received: 5/4/2018 9:15:00 AM	Delivery Method: FED EX	Airbill #'s: 1001864180460003281100810578307864
Therm ID: IR 1; Therm CF: 0.4; # of Coolers: 1 <b>Cooler Temps (Raw Measured) °C:</b> Cooler 1: (2.8); <b>Cooler Temps (Corrected) °C:</b> Cooler 1: (3.2);		

<b>Cooler Information</b>		<b>Y or N</b>	<b>Sample Information</b>	<b>Y or N</b>	<b>N/A</b>
1. Custody Seals Present		<input checked="" type="checkbox"/> <input type="checkbox"/>	1. Sample labels present on bottles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Custody Seals Intact		<input checked="" type="checkbox"/> <input type="checkbox"/>	2. Samples preserved properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Temp criteria achieved		<input checked="" type="checkbox"/> <input type="checkbox"/>	3. Sufficient volume/containers recvd for analysis:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Cooler temp verification		IR Gun	4. Condition of sample	Intact	
5. Cooler media		Ice (Bag)	5. Sample recvd within HT	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Trip Blank Information</b>		<b>Y or N</b>	<b>N/A</b>	6. Dates/Times/IDs on COC match Sample Label	<input checked="" type="checkbox"/>
1. Trip Blank present / cooler		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		7. VOCs have headspace	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
2. Trip Blank listed on COC		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		8. Bottles received for unspecified tests	<input type="checkbox"/> <input checked="" type="checkbox"/>
		<b>W or S</b>	<b>N/A</b>	9. Compositing instructions clear	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
3. Type Of TB Received		<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		10. VOA Soil Kits/Jars received past 48hrs?	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
				11. % Solids Jar received?	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
				12. Residual Chlorine Present?	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>

<b>Misc. Information</b>					
Number of Enclosures: 25-Gram	<input type="text"/>	5-Gram	<input type="text"/>	Number of 5035 Field Kits:	<input type="text"/>
Test Strip Lot #:	pH 0-3	230315		pH 10-12	219813A
Residual Chlorine Test Strip Lot #:			Number of Lab Filtered Metals: _____		
Comments			Other: (Specify) _____		

SM001  
Rev. Date 05/24/17

Technician: SHAYLAP Date: 5/4/2018 9:15:00 AM Reviewer: SP Date: 5/4/2018

**FA53955: Chain of Custody**  
**Page 2 of 2**

4.1

4

**MS Volatiles****5****QC Data Summaries**

---

**Includes the following where applicable:**

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

## Method Blank Summary

Page 1 of 1

Job Number: FA53955

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1960-MB	Z52032.D	1	05/09/18	MM n/a	n/a		VZ1960

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA53955-1

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	106%
2037-26-5	Toluene-D8	99%      74-125% 88-111%

5.1.1  
5

## Blank Spike Summary

Page 1 of 1

Job Number: FA53955

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1960-BS	Z52030.D	1	05/09/18	MM n/a		n/a	VZ1960

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA53955-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	20.1	101	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	109%	74-125%
2037-26-5	Toluene-D8	95%	88-111%

\* = Outside of Control Limits.

5.2.1  
5

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA53955

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA53983-1MS	Z52045.D	1	05/09/18	MM	n/a	n/a	VZ1960
FA53983-1MSD	Z52046.D	1	05/09/18	MM	n/a	n/a	VZ1960
FA53983-1 <sup>a</sup>	Z52037.D	1	05/09/18	MM	n/a	n/a	VZ1960

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA53955-1

CAS No.	Compound	FA53983-1		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits Rec/RPD
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l	%		
123-91-1	1,4-Dioxane	16.0	20	36.8	104	20	38.7	114	5	65-121/27	
Surrogate Recoveries											
17060-07-0	1,2-Dichloroethane-D4	103%		105%		107%		74-125%			
2037-26-5	Toluene-D8	106%		101%		100%		88-111%			

(a) Sample was not preserved to a pH < 2.

\* = Outside of Control Limits.

5.3.1  
5

The results set forth herein are provided by SGS North America Inc.

**e-Hardcopy 2.0**  
*Automated Report*

## Technical Report for

### Pilot Travel Centers LLC

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

**27.222188.00**

**SGS Job Number:** FA53566

**Sampling Dates:** 04/17/18 - 04/19/18



### Report to:

**Environmental Compliance Services, INC.**

**richard.stevens@atcgs.com**

**ATTN: Richard Stevens**

**Total number of pages in report: 153**



Test results contained within this data package meet the requirements  
of the National Environmental Laboratory Accreditation Program  
and/or state specific certification programs as applicable.

**Caitlin Brice, M.S.  
General Manager**

**Client Service contact: Muna Mohammed 407-425-6700**

Certifications: FL(E83510), LA(03051), KS(E-10327), IL(200063), NC(573), NJ(FL002), NY(12022), SC(96038001)  
DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177),  
AK, AR, IA, KY, MA, MS, ND, NH, NV, OK, OR, UT, WA, WV

This report shall not be reproduced, except in its entirety, without the written approval of SGS.

Test results relate only to samples analyzed.



May 15, 2018

Mr. Richard Stevens  
ATC  
9874 Main Street  
Suite 100  
Woodstock, GA 30188

RE: SGS North America Inc. - Orlando job FA53566 Reissue

Dear Mr. Stevens,

The final report for job number FA53566 has been edited to reflect requested corrections. These edits have been incorporated into the revised report.

8270 data has been reprocessed and re-approved.

SGS North America Inc. - Orlando apologizes for any inconvenience this may have caused. Please feel free to contact us if we can be of further assistance.

Sincerely,

SGS North America Inc. - Orlando

# Table of Contents

-1-

<b>Section 1: Sample Summary .....</b>	<b>5</b>
<b>Section 2: Summary of Hits .....</b>	<b>9</b>
<b>Section 3: Sample Results .....</b>	<b>15</b>
<b>    3.1: FA53566-1: MW-1 .....</b>	<b>16</b>
<b>    3.2: FA53566-1F: MW-1 .....</b>	<b>19</b>
<b>    3.3: FA53566-2: MW-2 .....</b>	<b>20</b>
<b>    3.4: FA53566-2F: MW-2 .....</b>	<b>23</b>
<b>    3.5: FA53566-3: MW-3 .....</b>	<b>24</b>
<b>    3.6: FA53566-3F: MW-3 .....</b>	<b>27</b>
<b>    3.7: FA53566-4: MW-4 .....</b>	<b>28</b>
<b>    3.8: FA53566-4F: MW-4 .....</b>	<b>31</b>
<b>    3.9: FA53566-5: MW-5 .....</b>	<b>32</b>
<b>    3.10: FA53566-5F: MW-5 .....</b>	<b>35</b>
<b>    3.11: FA53566-6: MW-6 .....</b>	<b>36</b>
<b>    3.12: FA53566-6F: MW-6 .....</b>	<b>39</b>
<b>    3.13: FA53566-7: MW-7 .....</b>	<b>40</b>
<b>    3.14: FA53566-7F: MW-7 .....</b>	<b>43</b>
<b>    3.15: FA53566-8: MW-8 .....</b>	<b>44</b>
<b>    3.16: FA53566-8F: MW-8 .....</b>	<b>47</b>
<b>    3.17: FA53566-9: MW-9 .....</b>	<b>48</b>
<b>    3.18: FA53566-9F: MW-9 .....</b>	<b>51</b>
<b>    3.19: FA53566-10: MW-14 .....</b>	<b>52</b>
<b>    3.20: FA53566-10F: MW-14 .....</b>	<b>55</b>
<b>    3.21: FA53566-11: MW-15 .....</b>	<b>56</b>
<b>    3.22: FA53566-11F: MW-15 .....</b>	<b>59</b>
<b>    3.23: FA53566-12: MW-16 .....</b>	<b>60</b>
<b>    3.24: FA53566-12F: MW-16 .....</b>	<b>63</b>
<b>    3.25: FA53566-13: MW-17 .....</b>	<b>64</b>
<b>    3.26: FA53566-13F: MW-17 .....</b>	<b>67</b>
<b>    3.27: FA53566-14: PZ-1 .....</b>	<b>68</b>
<b>    3.28: FA53566-14F: PZ-1 .....</b>	<b>71</b>
<b>    3.29: FA53566-15: PZ-2 .....</b>	<b>72</b>
<b>    3.30: FA53566-15F: PZ-2 .....</b>	<b>75</b>
<b>    3.31: FA53566-16: PZ-3 .....</b>	<b>76</b>
<b>    3.32: FA53566-16F: PZ-3 .....</b>	<b>79</b>
<b>    3.33: FA53566-17: SW-1 .....</b>	<b>80</b>
<b>    3.34: FA53566-17F: SW-1 .....</b>	<b>83</b>
<b>    3.35: FA53566-18: SW-2 .....</b>	<b>84</b>
<b>    3.36: FA53566-18F: SW-2 .....</b>	<b>87</b>
<b>    3.37: FA53566-19: SW-3 .....</b>	<b>88</b>
<b>    3.38: FA53566-19F: SW-3 .....</b>	<b>91</b>
<b>    3.39: FA53566-20: SW-4 .....</b>	<b>92</b>

# Table of Contents

-2-

<b>3.40:</b> FA53566-20F: SW-4 .....	95
<b>3.41:</b> FA53566-21: SW-5 .....	96
<b>3.42:</b> FA53566-21F: SW-5 .....	99
<b>3.43:</b> FA53566-22: SW-6 .....	100
<b>3.44:</b> FA53566-22F: SW-6 .....	103
<b>Section 4: Misc. Forms .....</b>	<b>104</b>
<b>4.1:</b> Chain of Custody .....	105
<b>Section 5: MS Volatiles - QC Data Summaries .....</b>	<b>109</b>
<b>5.1:</b> Method Blank Summary .....	110
<b>5.2:</b> Blank Spike Summary .....	116
<b>5.3:</b> Matrix Spike/Matrix Spike Duplicate Summary .....	122
<b>Section 6: MS Semi-volatiles - QC Data Summaries .....</b>	<b>128</b>
<b>6.1:</b> Method Blank Summary .....	129
<b>6.2:</b> Blank Spike Summary .....	131
<b>6.3:</b> Matrix Spike/Matrix Spike Duplicate Summary .....	133
<b>Section 7: Metals Analysis - QC Data Summaries .....</b>	<b>135</b>
<b>7.1:</b> Prep QC MP33631: Co,Pb .....	136
<b>7.2:</b> Prep QC MP33632: Ba,Co,Pb .....	142
<b>7.3:</b> Prep QC MP33633: Ba,Co,Pb .....	148

1  
2  
3  
4  
5  
6  
7

## Sample Summary

Pilot Travel Centers LLC

Job No: FA53566

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Project No: 27.222188.00

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID	
FA53566-1	04/17/18	18:36 AY	04/20/18	AQ	Ground Water	MW-1
FA53566-1F	04/17/18	18:36 AY	04/20/18	AQ	Groundwater Filtered	MW-1
FA53566-2	04/17/18	20:10 AY	04/20/18	AQ	Ground Water	MW-2
FA53566-2F	04/17/18	20:10 AY	04/20/18	AQ	Groundwater Filtered	MW-2
FA53566-3	04/18/18	09:12 AY	04/20/18	AQ	Ground Water	MW-3
FA53566-3F	04/18/18	09:12 AY	04/20/18	AQ	Groundwater Filtered	MW-3
FA53566-4	04/18/18	19:32 AY	04/20/18	AQ	Ground Water	MW-4
FA53566-4F	04/18/18	19:32 AY	04/20/18	AQ	Groundwater Filtered	MW-4
FA53566-5	04/18/18	10:30 AY	04/20/18	AQ	Ground Water	MW-5
FA53566-5F	04/18/18	10:30 AY	04/20/18	AQ	Groundwater Filtered	MW-5
FA53566-6	04/18/18	13:35 AY	04/20/18	AQ	Ground Water	MW-6
FA53566-6F	04/18/18	13:35 AY	04/20/18	AQ	Groundwater Filtered	MW-6
FA53566-7	04/18/18	16:35 AY	04/20/18	AQ	Ground Water	MW-7

## Sample Summary (continued)

**Pilot Travel Centers LLC****Job No:** FA53566**PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Project No: 27.222188.00**

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID
FA53566-7F	04/18/18	16:35 AY	04/20/18	AQ	Groundwater Filtered MW-7
FA53566-8	04/19/18	09:45 AY	04/20/18	AQ	Ground Water MW-8
FA53566-8F	04/19/18	09:45 AY	04/20/18	AQ	Groundwater Filtered MW-8
FA53566-9	04/19/18	14:01 AY	04/20/18	AQ	Ground Water MW-9
FA53566-9F	04/19/18	14:01 AY	04/20/18	AQ	Groundwater Filtered MW-9
FA53566-10	04/19/18	16:37 AY	04/20/18	AQ	Ground Water MW-14
FA53566-10F	04/19/18	16:37 AY	04/20/18	AQ	Groundwater Filtered MW-14
FA53566-11	04/19/18	11:32 AY	04/20/18	AQ	Ground Water MW-15
FA53566-11F	04/19/18	11:32 AY	04/20/18	AQ	Groundwater Filtered MW-15
FA53566-12	04/18/18	15:05 AY	04/20/18	AQ	Ground Water MW-16
FA53566-12F	04/18/18	15:05 AY	04/20/18	AQ	Groundwater Filtered MW-16
FA53566-13	04/18/18	12:13 AY	04/20/18	AQ	Ground Water MW-17
FA53566-13F	04/18/18	12:13 AY	04/20/18	AQ	Groundwater Filtered MW-17

## Sample Summary (continued)

**Pilot Travel Centers LLC****Job No:** FA53566**PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Project No: 27.222188.00**

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID	
FA53566-14	04/19/18	14:56 AY	04/20/18	AQ	Ground Water	PZ-1
FA53566-14F	04/19/18	14:56 AY	04/20/18	AQ	Groundwater Filtered	PZ-1
FA53566-15	04/19/18	12:36 AY	04/20/18	AQ	Ground Water	PZ-2
FA53566-15F	04/19/18	12:36 AY	04/20/18	AQ	Groundwater Filtered	PZ-2
FA53566-16	04/18/18	17:30 AY	04/20/18	AQ	Ground Water	PZ-3
FA53566-16F	04/18/18	17:30 AY	04/20/18	AQ	Groundwater Filtered	PZ-3
FA53566-17	04/17/18	14:30 AY	04/20/18	AQ	Surface Water	SW-1
FA53566-17F	04/17/18	14:30 AY	04/20/18	AQ	Surface H2O Filtered	SW-1
FA53566-18	04/17/18	15:05 AY	04/20/18	AQ	Surface Water	SW-2
FA53566-18F	04/17/18	15:05 AY	04/20/18	AQ	Surface H2O Filtered	SW-2
FA53566-19	04/17/18	15:45 AY	04/20/18	AQ	Surface Water	SW-3
FA53566-19F	04/17/18	15:45 AY	04/20/18	AQ	Surface H2O Filtered	SW-3
FA53566-20	04/17/18	16:25 AY	04/20/18	AQ	Surface Water	SW-4

## Sample Summary

(continued)

Pilot Travel Centers LLC

Job No: FA53566

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Project No: 27.222188.00

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID
FA53566-20F	04/17/18	16:25 AY	04/20/18	AQ Surface H2O Filtered	SW-4
FA53566-21	04/17/18	13:55 AY	04/20/18	AQ Surface Water	SW-5
FA53566-21F	04/17/18	13:55 AY	04/20/18	AQ Surface H2O Filtered	SW-5
FA53566-22	04/17/18	13:15 AY	04/20/18	AQ Surface Water	SW-6
FA53566-22F	04/17/18	13:15 AY	04/20/18	AQ Surface H2O Filtered	SW-6

**Summary of Hits**

Job Number: FA53566  
 Account: Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
 Collected: 04/17/18 thru 04/19/18

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA53566-1	MW-1					
Bromodichloromethane	5.8	1.0	0.24	ug/l	SW846 8260B	
Chloroform	16.1	1.0	0.30	ug/l	SW846 8260B	
Barium	33.1 J	200	1.0	ug/l	SW846 6010C	
Lead	1.1 J	5.0	1.1	ug/l	SW846 6010C	
FA53566-1F	MW-1					
Lead	7.3	5.0	1.1	ug/l	SW846 6010C	
FA53566-2	MW-2					
1,4-Dioxane	25200	4000	1500	ug/l	SW846 8260B	
Methyl Tert Butyl Ether	0.95 J	1.0	0.23	ug/l	SW846 8260B	
Barium	415	200	1.0	ug/l	SW846 6010C	
Cobalt	12.4 J	50	0.20	ug/l	SW846 6010C	
Lead	11.8	5.0	1.1	ug/l	SW846 6010C	
FA53566-2F	MW-2					
Cobalt	12.1 J	50	0.20	ug/l	SW846 6010C	
Lead	2.0 J	5.0	1.1	ug/l	SW846 6010C	
FA53566-3	MW-3					
1,4-Dioxane	85.4 J	200	75	ug/l	SW846 8260B	
Barium	202	200	1.0	ug/l	SW846 6010C	
Cobalt	17.0 J	50	0.20	ug/l	SW846 6010C	
Lead	13.8	5.0	1.1	ug/l	SW846 6010C	
FA53566-3F	MW-3					
Cobalt	16.2 J	50	0.20	ug/l	SW846 6010C	
Lead	7.4	5.0	1.1	ug/l	SW846 6010C	
FA53566-4	MW-4					
1,4-Dioxane	343	200	75	ug/l	SW846 8260B	
Barium	173 J	200	1.0	ug/l	SW846 6010C	
Cobalt	477	50	0.20	ug/l	SW846 6010C	
Lead	1.9 J	5.0	1.1	ug/l	SW846 6010C	

**Summary of Hits**

Job Number: FA53566  
 Account: Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
 Collected: 04/17/18 thru 04/19/18

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA53566-4F	MW-4					
Cobalt	470	50	0.20	ug/l	SW846 6010C	
Lead	2.0 J	5.0	1.1	ug/l	SW846 6010C	
FA53566-5	MW-5					
Barium	6.9 J	200	1.0	ug/l	SW846 6010C	
FA53566-5F	MW-5					
No hits reported in this sample.						
FA53566-6	MW-6					
Barium	23.3 J	200	1.0	ug/l	SW846 6010C	
Lead	9.6	5.0	1.1	ug/l	SW846 6010C	
FA53566-6F	MW-6					
No hits reported in this sample.						
FA53566-7	MW-7					
1,4-Dioxane	967	200	75	ug/l	SW846 8260B	
Barium	99.1 J	200	1.0	ug/l	SW846 6010C	
Cobalt	41.3 J	50	0.20	ug/l	SW846 6010C	
Lead	1.9 J	5.0	1.1	ug/l	SW846 6010C	
FA53566-7F	MW-7					
Cobalt	44.3 J	50	0.20	ug/l	SW846 6010C	
Lead	4.5 J	5.0	1.1	ug/l	SW846 6010C	
FA53566-8	MW-8					
1,4-Dioxane	1660	200	75	ug/l	SW846 8260B	
Barium	129 J	200	1.0	ug/l	SW846 6010C	
Cobalt	54.5	50	0.20	ug/l	SW846 6010C	
Lead	5.9	5.0	1.1	ug/l	SW846 6010C	
FA53566-8F	MW-8					
Cobalt	58.3	50	0.20	ug/l	SW846 6010C	
Lead	4.1 J	5.0	1.1	ug/l	SW846 6010C	

**Summary of Hits**

Job Number: FA53566  
 Account: Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
 Collected: 04/17/18 thru 04/19/18

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA53566-9	MW-9					
1,4-Dioxane <sup>a</sup>	2120 E	200	75	ug/l	SW846 8260B	
Barium	198 J	200	1.0	ug/l	SW846 6010C	
Cobalt	37.1 J	50	0.20	ug/l	SW846 6010C	
FA53566-9F	MW-9					
Cobalt	34.9 J	50	0.20	ug/l	SW846 6010C	
Lead	1.7 J	5.0	1.1	ug/l	SW846 6010C	
FA53566-10	MW-14					
1,4-Dioxane	28200	4000	1500	ug/l	SW846 8260B	
Methyl Tert Butyl Ether	1.3	1.0	0.23	ug/l	SW846 8260B	
Barium	89.8 J	200	1.0	ug/l	SW846 6010C	
Cobalt	3.2 J	50	0.20	ug/l	SW846 6010C	
FA53566-10F	MW-14					
Cobalt	3.2 J	50	0.20	ug/l	SW846 6010C	
Lead	16.7	5.0	1.1	ug/l	SW846 6010C	
FA53566-11	MW-15					
1,4-Dioxane <sup>b</sup>	4890	2000	750	ug/l	SW846 8260B	
Barium	129 J	200	1.0	ug/l	SW846 6010C	
Cobalt	5.2 J	50	0.20	ug/l	SW846 6010C	
FA53566-11F	MW-15					
Cobalt	5.1 J	50	0.20	ug/l	SW846 6010C	
Lead	6.9	5.0	1.1	ug/l	SW846 6010C	
FA53566-12	MW-16					
Barium	20.0 J	200	1.0	ug/l	SW846 6010C	
Lead	2.8 J	5.0	1.1	ug/l	SW846 6010C	
FA53566-12F	MW-16					

No hits reported in this sample.

**Summary of Hits**

Job Number: FA53566  
 Account: Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
 Collected: 04/17/18 thru 04/19/18

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA53566-13	MW-17					
Barium		12.4 J	200	1.0	ug/l	SW846 6010C
Lead		2.3 J	5.0	1.1	ug/l	SW846 6010C
FA53566-13F	MW-17					
No hits reported in this sample.						
FA53566-14	PZ-1					
1,4-Dioxane		3680	1000	380	ug/l	SW846 8260B
Barium		160 J	200	1.0	ug/l	SW846 6010C
Cobalt		5.8 J	50	0.20	ug/l	SW846 6010C
FA53566-14F	PZ-1					
Cobalt		5.2 J	50	0.20	ug/l	SW846 6010C
Lead		2.0 J	5.0	1.1	ug/l	SW846 6010C
FA53566-15	PZ-2					
Barium		129 J	200	1.0	ug/l	SW846 6010C
Cobalt		5.8 J	50	0.20	ug/l	SW846 6010C
Lead		16.5	5.0	1.1	ug/l	SW846 6010C
FA53566-15F	PZ-2					
Cobalt		4.2 J	50	0.20	ug/l	SW846 6010C
Lead		9.4	5.0	1.1	ug/l	SW846 6010C
FA53566-16	PZ-3					
tert-Butylbenzene		0.93 J	1.0	0.31	ug/l	SW846 8260B
1,4-Dioxane		851	200	75	ug/l	SW846 8260B
Barium		20.8 J	200	1.0	ug/l	SW846 6010C
Cobalt		18.2 J	50	0.20	ug/l	SW846 6010C
Lead		2.8 J	5.0	1.1	ug/l	SW846 6010C
FA53566-16F	PZ-3					
Cobalt		18.2 J	50	0.20	ug/l	SW846 6010C
Lead		1.4 J	5.0	1.1	ug/l	SW846 6010C

**Summary of Hits**

Job Number: FA53566  
 Account: Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
 Collected: 04/17/18 thru 04/19/18

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA53566-17	SW-1					
Barium	76.4 J	200	1.0	ug/l	SW846 6010C	
Cobalt	5.2 J	50	0.20	ug/l	SW846 6010C	
Lead	5.5	5.0	1.1	ug/l	SW846 6010C	
FA53566-17F	SW-1					
Cobalt	0.40 J	50	0.20	ug/l	SW846 6010C	
Lead	5.8	5.0	1.1	ug/l	SW846 6010C	
FA53566-18	SW-2					
Barium	113 J	200	1.0	ug/l	SW846 6010C	
Cobalt	7.4 J	50	0.20	ug/l	SW846 6010C	
Lead	4.3 J	5.0	1.1	ug/l	SW846 6010C	
FA53566-18F	SW-2					
Cobalt	0.40 J	50	0.20	ug/l	SW846 6010C	
Lead	6.1	5.0	1.1	ug/l	SW846 6010C	
FA53566-19	SW-3					
Barium	39.2 J	200	1.0	ug/l	SW846 6010C	
Cobalt	1.5 J	50	0.20	ug/l	SW846 6010C	
Lead	2.3 J	5.0	1.1	ug/l	SW846 6010C	
FA53566-19F	SW-3					
Cobalt	0.70 J	50	0.20	ug/l	SW846 6010C	
Lead	5.2	5.0	1.1	ug/l	SW846 6010C	
FA53566-20	SW-4					
Barium	34.4 J	200	1.0	ug/l	SW846 6010C	
Cobalt	0.80 J	50	0.20	ug/l	SW846 6010C	
Lead	2.2 J	5.0	1.1	ug/l	SW846 6010C	
FA53566-20F	SW-4					
Cobalt	0.50 J	50	0.20	ug/l	SW846 6010C	
Lead	5.7	5.0	1.1	ug/l	SW846 6010C	

**Summary of Hits**

Job Number: FA53566  
 Account: Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
 Collected: 04/17/18 thru 04/19/18

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA53566-21	SW-5					
Barium		30.6 J	200	1.0	ug/l	SW846 6010C
Cobalt		7.8 J	50	0.20	ug/l	SW846 6010C
Lead		2.3 J	5.0	1.1	ug/l	SW846 6010C
FA53566-21F	SW-5					
Cobalt		0.80 J	50	0.20	ug/l	SW846 6010C
Lead		1.8 J	5.0	1.1	ug/l	SW846 6010C
FA53566-22	SW-6					
Barium		18.4 J	200	1.0	ug/l	SW846 6010C
Cobalt		3.0 J	50	0.20	ug/l	SW846 6010C
Lead		1.5 J	5.0	1.1	ug/l	SW846 6010C
FA53566-22F	SW-6					
Cobalt		0.80 J	50	0.20	ug/l	SW846 6010C

(a) No sample available for reanalysis. Associated CCV outside of control limits high.

(b) No sample available for reanalysis. Associated internal standard response outside control limits.

**Sample Results**

---

**Report of Analysis**

---

**Report of Analysis**

Page 1 of 1

3

<b>Client Sample ID:</b>	MW-1	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-1	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0990889.D	1	04/25/18 10:41	MM	n/a	n/a	VJ5889
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	5.8	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	16.1	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane <sup>a</sup>	ND	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

3

<b>Client Sample ID:</b>	MW-1	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-1	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X060009.D	1	04/25/18 10:49	NJ	04/24/18 15:00	OP69762	SX2506
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	47	9.4	ug/l	
	3&4-Methylphenol	ND	4.7	0.92	ug/l	
100-51-6	Benzyl Alcohol	ND	4.7	0.58	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	23%		14-67%
4165-62-2	Phenol-d5	13%		10-50%
118-79-6	2,4,6-Tribromophenol	73%		33-118%
4165-60-0	Nitrobenzene-d5	80%		42-108%
321-60-8	2-Fluorobiphenyl	80%		40-106%
1718-51-0	Terphenyl-d14	86%		39-121%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

3

<b>Client Sample ID:</b>	MW-1	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-1	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	33.1 J	200	1.0	ug/l	1	04/23/18	04/23/18	DM	SW846 6010C <sup>1</sup>
Cobalt	0.20 U	50	0.20	ug/l	1	04/23/18	04/23/18	DM	SW846 6010C <sup>1</sup>
Lead	1.1 J	5.0	1.1	ug/l	1	04/23/18	04/23/18	DM	SW846 6010C <sup>1</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

**Report of Analysis**

Page 1 of 1

32  
3

<b>Client Sample ID:</b>	MW-1	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-1F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	0.20 U	50	0.20	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	7.3	5.0	1.1	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14841

(2) Prep QC Batch: MP33631

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

**Report of Analysis**

Page 1 of 1

33  
3

<b>Client Sample ID:</b>	MW-2	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-2	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0990890.D	1	04/25/18 11:06	MM	n/a	n/a	VJ5889
Run #2	O52905.D	20	04/26/18 12:11	SP	n/a	n/a	VO1992

Purge Volume	
Run #1	5.0 ml
Run #2	5.0 ml

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	25200 <sup>a</sup>	4000	1500	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.95	1.0	0.23	ug/l	J
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	95%	79-125%
2037-26-5	Toluene-D8	98%	107%	85-112%
460-00-4	4-Bromofluorobenzene	99%	104%	83-118%

(a) Result is from Run# 2

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

33  
3

<b>Client Sample ID:</b>	MW-2	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-2	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	X060027.D	4	04/25/18 18:25	NJ	04/24/18 15:00	OP69762	SX2506
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	190	38	ug/l	
	3&4-Methylphenol	ND	19	3.7	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.3	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%		14-67%
4165-62-2	Phenol-d5	21%		10-50%
118-79-6	2,4,6-Tribromophenol	66%		33-118%
4165-60-0	Nitrobenzene-d5	84%		42-108%
321-60-8	2-Fluorobiphenyl	70%		40-106%
1718-51-0	Terphenyl-d14	64%		39-121%

(a) Dilution required due to matrix interference.

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

33  
3

<b>Client Sample ID:</b>	MW-2	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-2	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	415	200	1.0	ug/l	1	04/23/18	04/23/18	DM	SW846 6010C <sup>1</sup>
Cobalt	12.4 J	50	0.20	ug/l	1	04/23/18	04/23/18	DM	SW846 6010C <sup>1</sup>
Lead	11.8	5.0	1.1	ug/l	1	04/23/18	04/23/18	DM	SW846 6010C <sup>1</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

**Report of Analysis**

Page 1 of 1

34  
3

<b>Client Sample ID:</b>	MW-2	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-2F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	12.1 J	50	0.20	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	2.0 J	5.0	1.1	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14841

(2) Prep QC Batch: MP33631

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

**Report of Analysis**

Page 1 of 1

3

<b>Client Sample ID:</b>	MW-3	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-3	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O52899.D	1	04/26/18 10:07	SP	n/a	n/a	VO1992
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	85.4	200	75	ug/l	J
64-17-5	Ethyl Alcohol <sup>a</sup>	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	95%		79-125%
2037-26-5	Toluene-D8	109%		85-112%
460-00-4	4-Bromofluorobenzene	105%		83-118%

(a) Associated ICV outside control limits high, however sample ND.

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

## Report of Analysis

Page 1 of 1

3

Client Sample ID:	MW-3	Date Sampled:	04/18/18
Lab Sample ID:	FA53566-3	Date Received:	04/20/18
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	X060011.D	1	04/25/18 11:40 NJ	04/24/18 15:00	OP69762	SX2506
Run #2 <sup>a</sup>	X060028.D	4	04/25/18 18:50 NJ	04/24/18 15:00	OP69762	SX2506

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2	1050 ml	1.0 ml

## ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
	3&4-Methylphenol	ND	4.8	0.93	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.58	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	21%	21%	14-67%
4165-62-2	Phenol-d5	19%	18%	10-50%
118-79-6	2,4,6-Tribromophenol	59%	47%	33-118%
4165-60-0	Nitrobenzene-d5	76%	73%	42-108%
321-60-8	2-Fluorobiphenyl	74%	71%	40-106%
1718-51-0	Terphenyl-d14	30% <sup>b</sup>	28%	39-121%

(a) Confirmation run for surrogate recoveries.

(b) Outside control limits due to matrix interference. Confirmed by reanalysis.

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

35  
3

<b>Client Sample ID:</b>	MW-3	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-3	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	202	200	1.0	ug/l	1	04/23/18	04/23/18	DM	SW846 6010C <sup>1</sup>
Cobalt	17.0 J	50	0.20	ug/l	1	04/23/18	04/23/18	DM	SW846 6010C <sup>1</sup>
Lead	13.8	5.0	1.1	ug/l	1	04/23/18	04/23/18	DM	SW846 6010C <sup>1</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

**Report of Analysis**

Page 1 of 1

3.6  
3

<b>Client Sample ID:</b>	MW-3	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-3F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	16.2 J	50	0.20	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	7.4	5.0	1.1	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

**Report of Analysis**

Page 1 of 1

**Client Sample ID:** MW-4  
**Lab Sample ID:** FA53566-4  
**Matrix:** AQ - Ground Water  
**Method:** SW846 8260B  
**Project:** PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0990892.D	1	04/25/18 11:59	MM	n/a	n/a	VJ5889
Run #2	O52900.D	1	04/26/18 10:27	SP	n/a	n/a	VO1992

Purge Volume	
Run #1	5.0 ml
Run #2	5.0 ml

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	343 <sup>a</sup>	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	98%	79-125%
2037-26-5	Toluene-D8	99%	107%	85-112%
460-00-4	4-Bromofluorobenzene	98%	104%	83-118%

(a) Result is from Run# 2

ND = Not detected      MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

37  
3

<b>Client Sample ID:</b>	MW-4	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-4	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	X060012.D	1	04/25/18 12:05 NJ	04/24/18 15:00	OP69762	SX2506
Run #2						

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
	3&4-Methylphenol	ND	4.8	0.93	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.58	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	16%		14-67%
4165-62-2	Phenol-d5	10%		10-50%
118-79-6	2,4,6-Tribromophenol	66%		33-118%
4165-60-0	Nitrobenzene-d5	78%		42-108%
321-60-8	2-Fluorobiphenyl	81%		40-106%
1718-51-0	Terphenyl-d14	68%		39-121%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

37  
3

<b>Client Sample ID:</b>	MW-4	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-4	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	173 J	200	1.0	ug/l	1	04/23/18	04/23/18	DM	SW846 6010C <sup>1</sup>
Cobalt	477	50	0.20	ug/l	1	04/23/18	04/23/18	DM	SW846 6010C <sup>1</sup>
Lead	1.9 J	5.0	1.1	ug/l	1	04/23/18	04/23/18	DM	SW846 6010C <sup>1</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

**Report of Analysis**

Page 1 of 1

3.8  
3

<b>Client Sample ID:</b>	MW-4	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-4F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	470	50	0.20	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	2.0 J	5.0	1.1	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-5	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-5	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0990893.D	1	04/25/18 12:25 MM	n/a	n/a	VJ5889
Run #2	O52901.D	1	04/26/18 10:48 SP	n/a	n/a	VO1992

Purge Volume	
Run #1	5.0 ml
Run #2	5.0 ml

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND <sup>a</sup>	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	95%	79-125%
2037-26-5	Toluene-D8	98%	107%	85-112%
460-00-4	4-Bromofluorobenzene	97%	103%	83-118%

(a) Result is from Run# 2

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-5	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-5	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	X060013.D	1	04/25/18 12:30 NJ	04/24/18 15:00	OP69762	SX2506
Run #2						

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.6	ug/l	
	3&4-Methylphenol	ND	4.8	0.94	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	18%		14-67%
4165-62-2	Phenol-d5	10%		10-50%
118-79-6	2,4,6-Tribromophenol	63%		33-118%
4165-60-0	Nitrobenzene-d5	80%		42-108%
321-60-8	2-Fluorobiphenyl	79%		40-106%
1718-51-0	Terphenyl-d14	83%		39-121%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

39  
3

<b>Client Sample ID:</b>	MW-5	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-5	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	6.9 J	200	1.0	ug/l	1	04/23/18	04/23/18	DM	SW846 6010C <sup>1</sup>
Cobalt	0.20 U	50	0.20	ug/l	1	04/23/18	04/23/18	DM	SW846 6010C <sup>1</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	04/23/18	04/23/18	DM	SW846 6010C <sup>1</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-5	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-5F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	0.20 U	50	0.20	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-6	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-6	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O52902.D	1	04/26/18 11:09	SP	n/a	n/a	VO1992
Run #2							

Purge Volume
Run #1      5.0 ml
Run #2

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	95%		79-125%
2037-26-5	Toluene-D8	108%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-6	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-6	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	X060014.D	1	04/25/18 12:55 NJ	04/24/18 15:00	OP69762	SX2506
Run #2						

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.6	ug/l	
	3&4-Methylphenol	ND	4.8	0.94	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	11% <sup>a</sup>		14-67%
4165-62-2	Phenol-d5	6% <sup>a</sup>		10-50%
118-79-6	2,4,6-Tribromophenol	36%		33-118%
4165-60-0	Nitrobenzene-d5	74%		42-108%
321-60-8	2-Fluorobiphenyl	72%		40-106%
1718-51-0	Terphenyl-d14	74%		39-121%

(a) Outside control limits due to matrix interference as per client history.

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-6	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-6	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	23.3 J	200	1.0	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	0.20 U	50	0.20	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	9.6	5.0	1.1	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14841

(2) Prep QC Batch: MP33633

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-6	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-6F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	0.20 U	50	0.20	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-7	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-7	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0990895.D	1	04/25/18 13:17 MM	n/a	n/a	VJ5889
Run #2	M0102791.D	1	05/02/18 15:52 AB	n/a	n/a	VM4428

Purge Volume	
Run #1	5.0 ml
Run #2	5.0 ml

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	967 <sup>a</sup>	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	102%	79-125%
2037-26-5	Toluene-D8	99%	101%	85-112%
460-00-4	4-Bromofluorobenzene	98%	97%	83-118%

(a) Result is from Run# 2

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-7	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-7	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	X060015.D	1	04/25/18 13:21 NJ	04/24/18 15:00	OP69762	SX2506
Run #2						

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
	3&4-Methylphenol	ND	4.8	0.93	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.58	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	24%		14-67%
4165-62-2	Phenol-d5	13%		10-50%
118-79-6	2,4,6-Tribromophenol	67%		33-118%
4165-60-0	Nitrobenzene-d5	85%		42-108%
321-60-8	2-Fluorobiphenyl	68%		40-106%
1718-51-0	Terphenyl-d14	72%		39-121%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-7	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-7	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	99.1 J	200	1.0	ug/l	1	04/23/18	04/23/18	LM	SW846 6010C <sup>1</sup>
Cobalt	41.3 J	50	0.20	ug/l	1	04/23/18	04/23/18	LM	SW846 6010C <sup>1</sup>
Lead	1.9 J	5.0	1.1	ug/l	1	04/23/18	04/23/18	LM	SW846 6010C <sup>1</sup>

(1) Instrument QC Batch: MA14841

(2) Prep QC Batch: MP33633

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-7	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-7F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	44.3 J	50	0.20	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	4.5 J	5.0	1.1	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	<b>MW-8</b>	<b>Date Sampled:</b>	<b>04/19/18</b>
<b>Lab Sample ID:</b>	<b>FA53566-8</b>	<b>Date Received:</b>	<b>04/20/18</b>
<b>Matrix:</b>	<b>AQ - Ground Water</b>	<b>Percent Solids:</b>	<b>n/a</b>
<b>Method:</b>	<b>SW846 8260B</b>		
<b>Project:</b>	<b>PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA</b>		

	<b>File ID</b>	<b>DF</b>	<b>Analyzed</b>	<b>By</b>	<b>Prep Date</b>	<b>Prep Batch</b>	<b>Analytical Batch</b>
Run #1	J0990896.D	1	04/25/18 13:43	MM	n/a	n/a	VJ5889
Run #2	M0102792.D	1	05/02/18 16:20	AB	n/a	n/a	VM4428

	<b>Purge Volume</b>
Run #1	5.0 ml
Run #2	5.0 ml

**VOA Special List**

<b>CAS No.</b>	<b>Compound</b>	<b>Result</b>	<b>RL</b>	<b>MDL</b>	<b>Units</b>	<b>Q</b>
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	1660 <sup>a</sup>	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

<b>CAS No.</b>	<b>Surrogate Recoveries</b>	<b>Run# 1</b>	<b>Run# 2</b>	<b>Limits</b>
1868-53-7	Dibromofluoromethane	102%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	107%	102%	79-125%
2037-26-5	Toluene-D8	97%	100%	85-112%
460-00-4	4-Bromofluorobenzene	97%	97%	83-118%

(a) Result is from Run# 2

ND = Not detected      MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

Client Sample ID:	MW-8	Date Sampled:	04/19/18
Lab Sample ID:	FA53566-8	Date Received:	04/20/18
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	9I001286.D	4	04/27/18 13:54 NJ	04/26/18 12:30	OP69797	S9I47
Run #2						

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	190	38	ug/l	
	3&4-Methylphenol	ND	19	3.7	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.3	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	21%		14-67%
4165-62-2	Phenol-d5	11%		10-50%
118-79-6	2,4,6-Tribromophenol	90%		33-118%
4165-60-0	Nitrobenzene-d5	61%		42-108%
321-60-8	2-Fluorobiphenyl	74%		40-106%
1718-51-0	Terphenyl-d14	80%		39-121%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

3.15  
3

<b>Client Sample ID:</b>	MW-8	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-8	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	129 J	200	1.0	ug/l	1	04/23/18	04/23/18	LM	SW846 6010C <sup>1</sup>
Cobalt	54.5	50	0.20	ug/l	1	04/23/18	04/23/18	LM	SW846 6010C <sup>1</sup>
Lead	5.9	5.0	1.1	ug/l	1	04/23/18	04/23/18	LM	SW846 6010C <sup>1</sup>

(1) Instrument QC Batch: MA14841

(2) Prep QC Batch: MP33633

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-8	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-8F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	58.3	50	0.20	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	4.1 J	5.0	1.1	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

## Report of Analysis

Page 1 of 1

Client Sample ID:	MW-9	Date Sampled:	04/19/18
Lab Sample ID:	FA53566-9	Date Received:	04/20/18
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	J0990897.D	1	04/25/18 14:08	MM	n/a	n/a	VJ5889
Run #2 <sup>b</sup>	O52907.D	5	04/26/18 12:52	SP	n/a	n/a	VO1992

Purge Volume	
Run #1	5.0 ml
Run #2	5.0 ml

## VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane <sup>c</sup>	2120	200	75	ug/l	E
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	98%	79-125%
2037-26-5	Toluene-D8	97%	108%	85-112%
460-00-4	4-Bromofluorobenzene	97%	103%	83-118%

- (a) No sample available for reanalysis.  
 (b) Associated internal standard response outside control limits.  
 (c) Associated CCV outside of control limits high.

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-9	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-9	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9I001287.D	5	04/27/18 14:20	NJ	04/26/18 12:30	OP69797	S9I47
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	240	48	ug/l	
	3&4-Methylphenol	ND	24	4.7	ug/l	
100-51-6	Benzyl Alcohol	ND	24	2.9	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	27%		14-67%
4165-62-2	Phenol-d5	14%		10-50%
118-79-6	2,4,6-Tribromophenol	100%		33-118%
4165-60-0	Nitrobenzene-d5	76%		42-108%
321-60-8	2-Fluorobiphenyl	86%		40-106%
1718-51-0	Terphenyl-d14	91%		39-121%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-9	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-9	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	198 J	200	1.0	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	37.1 J	50	0.20	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14841

(2) Prep QC Batch: MP33633

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-9	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-9F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	34.9 J	50	0.20	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.7 J	5.0	1.1	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-14	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-10	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0990898.D	1	04/25/18 14:34 MM	n/a	n/a	VJ5889
Run #2	O52906.D	20	04/26/18 12:32 SP	n/a	n/a	VO1992

Purge Volume	
Run #1	5.0 ml
Run #2	5.0 ml

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	28200 <sup>a</sup>	4000	1500	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.3	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	98%	79-125%
2037-26-5	Toluene-D8	98%	108%	85-112%
460-00-4	4-Bromofluorobenzene	97%	101%	83-118%

(a) Result is from Run# 2

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-14	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-10	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	9I001291.D	20	04/27/18 16:02 NJ	04/26/18 12:30	OP69797	S9I47
Run #2						

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	940	190	ug/l	
	3&4-Methylphenol	ND	94	18	ug/l	
100-51-6	Benzyl Alcohol	ND	94	12	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	0% <sup>a</sup>		14-67%
4165-62-2	Phenol-d5	0% <sup>a</sup>		10-50%
118-79-6	2,4,6-Tribromophenol	0% <sup>a</sup>		33-118%
4165-60-0	Nitrobenzene-d5	0% <sup>a</sup>		42-108%
321-60-8	2-Fluorobiphenyl	0% <sup>a</sup>		40-106%
1718-51-0	Terphenyl-d14	0% <sup>a</sup>		39-121%

(a) Outside control limits due to dilution.

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	<b>MW-14</b>	<b>Date Sampled:</b>	<b>04/19/18</b>
<b>Lab Sample ID:</b>	<b>FA53566-10</b>	<b>Date Received:</b>	<b>04/20/18</b>
<b>Matrix:</b>	<b>AQ - Ground Water</b>	<b>Percent Solids:</b>	<b>n/a</b>
<b>Project:</b>	<b>PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA</b>		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	<b>89.8 J</b>	200	1.0	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	<b>3.2 J</b>	50	0.20	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead <sup>a</sup>	<b>10 U</b>	20	10	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14841

(2) Prep QC Batch: MP33633

(a) Elevated reporting limit(s) due to matrix interference. Manually elevated.

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-14	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-10F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	3.2 J	50	0.20	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	16.7	5.0	1.1	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-15	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-11	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	J0990899.D	1	04/25/18 15:00	MM	n/a	n/a	VJ5889
Run #2 <sup>a</sup>	O52908.D	10	04/26/18 13:13	SP	n/a	n/a	VO1992

Purge Volume	
Run #1	5.0 ml
Run #2	5.0 ml

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane <sup>b</sup>	4890 <sup>c</sup>	2000	750	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	107%	97%	79-125%
2037-26-5	Toluene-D8	97%	107%	85-112%
460-00-4	4-Bromofluorobenzene	97%	102%	83-118%

- (a) No sample available for reanalysis.  
 (b) Associated internal standard response outside control limits.  
 (c) Result is from Run# 2

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

Client Sample ID:	MW-15	Date Sampled:	04/19/18
Lab Sample ID:	FA53566-11	Date Received:	04/20/18
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	9I001288.D	10	04/27/18 14:45 NJ	04/26/18 12:30	OP69797	S9I47
Run #2						

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	470	94	ug/l	
	3&4-Methylphenol	ND	47	9.2	ug/l	
100-51-6	Benzyl Alcohol	ND	47	5.8	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	30%		14-67%
4165-62-2	Phenol-d5	18%		10-50%
118-79-6	2,4,6-Tribromophenol	103%		33-118%
4165-60-0	Nitrobenzene-d5	78%		42-108%
321-60-8	2-Fluorobiphenyl	87%		40-106%
1718-51-0	Terphenyl-d14	87%		39-121%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-15	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-11	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	129 J	200	1.0	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	5.2 J	50	0.20	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14844

(2) Prep QC Batch: MP33633

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

Client Sample ID:	MW-15	Date Sampled:	04/19/18
Lab Sample ID:	FA53566-11F	Date Received:	04/20/18
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	5.1 J	50	0.20	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	6.9	5.0	1.1	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
MDL = Method Detection Limit

U = Indicates a result < MDL  
J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-16	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-12	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0990900.D	1	04/25/18 15:25	MM	n/a	n/a	VJ5889
Run #2	O52904.D	1	04/26/18 11:50	SP	n/a	n/a	VO1992

Purge Volume	
Run #1	5.0 ml
Run #2	5.0 ml

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND <sup>a</sup>	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	96%	79-125%
2037-26-5	Toluene-D8	97%	110%	85-112%
460-00-4	4-Bromofluorobenzene	97%	101%	83-118%

(a) Result is from Run# 2

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

Client Sample ID:	MW-16	Date Sampled:	04/18/18
Lab Sample ID:	FA53566-12	Date Received:	04/20/18
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	X060016.D	1	04/25/18 13:46 NJ	04/24/18 15:00	OP69762	SX2506
Run #2						

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
	3&4-Methylphenol	ND	4.8	0.93	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.58	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	19%		14-67%
4165-62-2	Phenol-d5	11%		10-50%
118-79-6	2,4,6-Tribromophenol	63%		33-118%
4165-60-0	Nitrobenzene-d5	81%		42-108%
321-60-8	2-Fluorobiphenyl	81%		40-106%
1718-51-0	Terphenyl-d14	85%		39-121%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	<b>MW-16</b>	<b>Date Sampled:</b>	<b>04/18/18</b>
<b>Lab Sample ID:</b>	<b>FA53566-12</b>	<b>Date Received:</b>	<b>04/20/18</b>
<b>Matrix:</b>	<b>AQ - Ground Water</b>	<b>Percent Solids:</b>	<b>n/a</b>
<b>Project:</b>	<b>PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA</b>		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	20.0 J	200	1.0	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	0.20 U	50	0.20	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	2.8 J	5.0	1.1	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14844

(2) Prep QC Batch: MP33633

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-16	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-12F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	0.20 U	50	0.20	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-17	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-13	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0990901.D	1	04/25/18 15:51 MM	n/a	n/a	VJ5889
Run #2	O52903.D	1	04/26/18 11:29 SP	n/a	n/a	VO1992

Purge Volume	
Run #1	5.0 ml
Run #2	5.0 ml

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND <sup>a</sup>	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	107%	96%	79-125%
2037-26-5	Toluene-D8	98%	110%	85-112%
460-00-4	4-Bromofluorobenzene	97%	102%	83-118%

(a) Result is from Run# 2

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

Client Sample ID:	MW-17	Date Sampled:	04/18/18
Lab Sample ID:	FA53566-13	Date Received:	04/20/18
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	X060017.D	1	04/25/18 14:11 NJ	04/24/18 15:00	OP69762	SX2506
Run #2						

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.6	ug/l	
	3&4-Methylphenol	ND	4.8	0.94	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	15%		14-67%
4165-62-2	Phenol-d5	8% <sup>a</sup>		10-50%
118-79-6	2,4,6-Tribromophenol	49%		33-118%
4165-60-0	Nitrobenzene-d5	64%		42-108%
321-60-8	2-Fluorobiphenyl	62%		40-106%
1718-51-0	Terphenyl-d14	77%		39-121%

(a) Outside control limits.

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-17	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-13	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	12.4 J	200	1.0	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	0.20 U	50	0.20	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	2.3 J	5.0	1.1	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14844

(2) Prep QC Batch: MP33633

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-17	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-13F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	0.20 U	50	0.20	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	PZ-1	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-14	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0102664.D	5	04/25/18 19:17	AB	n/a	n/a	VM4423
Run #2							

<b>Purge Volume</b>	
Run #1	5.0 ml
Run #2	

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	5.0	2.3	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.2	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	1.6	ug/l	
67-66-3	Chloroform	ND	5.0	1.5	ug/l	
123-91-1	1,4-Dioxane	3680	1000	380	ug/l	
64-17-5	Ethyl Alcohol	ND	1000	410	ug/l	
591-78-6	2-Hexanone	ND	50	10	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	25	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.1	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.6	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	PZ-1	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-14	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9I001292.D	20	04/27/18 16:28	NJ	04/26/18 12:30	OP69797	S9I47
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	940	190	ug/l	
	3&4-Methylphenol	ND	94	18	ug/l	
100-51-6	Benzyl Alcohol	ND	94	12	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	0% <sup>a</sup>		14-67%
4165-62-2	Phenol-d5	0% <sup>a</sup>		10-50%
118-79-6	2,4,6-Tribromophenol	0% <sup>a</sup>		33-118%
4165-60-0	Nitrobenzene-d5	0% <sup>a</sup>		42-108%
321-60-8	2-Fluorobiphenyl	0% <sup>a</sup>		40-106%
1718-51-0	Terphenyl-d14	0% <sup>a</sup>		39-121%

(a) Outside control limits due to dilution.

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	PZ-1	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-14	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	160 J	200	1.0	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	5.8 J	50	0.20	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14844

(2) Prep QC Batch: MP33633

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	PZ-1	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-14F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	5.2 J	50	0.20	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	2.0 J	5.0	1.1	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	PZ-2	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-15	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O52918.D	1	04/26/18 16:55	SP	n/a	n/a	VO1992
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	75	ug/l	
64-17-5	Ethyl Alcohol <sup>a</sup>	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	95%		79-125%
2037-26-5	Toluene-D8	107%		85-112%
460-00-4	4-Bromofluorobenzene	105%		83-118%

(a) Associated ICV outside control limits high, however sample ND.

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	PZ-2	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-15	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	9I001283.D	1	04/27/18 12:37 NJ	04/26/18 12:30	OP69797	S9I47
Run #2						

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	47	9.4	ug/l	
	3&4-Methylphenol	ND	4.7	0.92	ug/l	
100-51-6	Benzyl Alcohol	ND	4.7	0.58	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	27%		14-67%
4165-62-2	Phenol-d5	17%		10-50%
118-79-6	2,4,6-Tribromophenol	77%		33-118%
4165-60-0	Nitrobenzene-d5	66%		42-108%
321-60-8	2-Fluorobiphenyl	73%		40-106%
1718-51-0	Terphenyl-d14	66%		39-121%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	PZ-2	<b>Date Sampled:</b>	04/19/18
<b>Lab Sample ID:</b>	FA53566-15	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	129 J	200	1.0	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	5.8 J	50	0.20	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	16.5	5.0	1.1	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14844

(2) Prep QC Batch: MP33633

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

Client Sample ID:	PZ-2	Date Sampled:	04/19/18
Lab Sample ID:	FA53566-15F	Date Received:	04/20/18
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	4.2 J	50	0.20	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	9.4	5.0	1.1	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

**Client Sample ID:** PZ-3  
**Lab Sample ID:** FA53566-16  
**Matrix:** AQ - Ground Water  
**Method:** SW846 8260B  
**Project:** PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Date Sampled: 04/18/18

Date Received: 04/20/18

Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O52919.D	1	04/26/18 17:15	SP	n/a	n/a	VO1992
Run #2							

**Purge Volume**  
Run #1 5.0 ml  
Run #2

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.93	1.0	0.31	ug/l	J
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	851	200	75	ug/l	
64-17-5	Ethyl Alcohol <sup>a</sup>	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	95%		79-125%
2037-26-5	Toluene-D8	108%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

(a) Associated ICV outside control limits high, however sample ND.

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

Client Sample ID:	PZ-3	Date Sampled:	04/18/18
Lab Sample ID:	FA53566-16	Date Received:	04/20/18
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	X060018.D	1	04/25/18 14:37 NJ	04/24/18 15:00	OP69762	SX2506
Run #2						

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
	3&4-Methylphenol	ND	4.8	0.93	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.58	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	23%		14-67%
4165-62-2	Phenol-d5	13%		10-50%
118-79-6	2,4,6-Tribromophenol	70%		33-118%
4165-60-0	Nitrobenzene-d5	81%		42-108%
321-60-8	2-Fluorobiphenyl	63%		40-106%
1718-51-0	Terphenyl-d14	82%		39-121%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	PZ-3	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-16	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	20.8 J	200	1.0	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	18.2 J	50	0.20	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	2.8 J	5.0	1.1	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14844

(2) Prep QC Batch: MP33633

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	PZ-3	<b>Date Sampled:</b>	04/18/18
<b>Lab Sample ID:</b>	FA53566-16F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	18.2 J	50	0.20	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.4 J	5.0	1.1	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-1	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-17	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0102729.D	1	04/30/18 11:58	AB	n/a	n/a	VM4426
Run #2							

Purge Volume
Run #1      5.0 ml
Run #2

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	93%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-1	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-17	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	X060019.D	1	04/25/18 15:02 NJ	04/24/18 15:00	OP69762	SX2506
Run #2						

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	47	9.4	ug/l	
	3&4-Methylphenol	ND	4.7	0.92	ug/l	
100-51-6	Benzyl Alcohol	ND	4.7	0.58	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	26%		14-67%
4165-62-2	Phenol-d5	14%		10-50%
118-79-6	2,4,6-Tribromophenol	64%		33-118%
4165-60-0	Nitrobenzene-d5	86%		42-108%
321-60-8	2-Fluorobiphenyl	86%		40-106%
1718-51-0	Terphenyl-d14	87%		39-121%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-1	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-17	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	76.4 J	200	1.0	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	5.2 J	50	0.20	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	5.5	5.0	1.1	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14844

(2) Prep QC Batch: MP33633

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-1	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-17F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface H2O Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	0.40 J	50	0.20	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	5.8	5.0	1.1	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14841

(2) Prep QC Batch: MP33631

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

**Client Sample ID:** SW-2  
**Lab Sample ID:** FA53566-18  
**Matrix:** AQ - Surface Water  
**Method:** SW846 8260B  
**Project:** PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0102730.D	1	04/30/18 12:27	AB	n/a	n/a	VM4426
Run #2							

Purge Volume	
Run #1	5.0 ml
Run #2	

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-2	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-18	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	X060020.D	1	04/25/18 15:27 NJ	04/24/18 15:00	OP69762	SX2506
Run #2						

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	47	9.4	ug/l	
	3&4-Methylphenol	ND	4.7	0.92	ug/l	
100-51-6	Benzyl Alcohol	ND	4.7	0.58	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%		14-67%
4165-62-2	Phenol-d5	16%		10-50%
118-79-6	2,4,6-Tribromophenol	64%		33-118%
4165-60-0	Nitrobenzene-d5	88%		42-108%
321-60-8	2-Fluorobiphenyl	86%		40-106%
1718-51-0	Terphenyl-d14	85%		39-121%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

3.35  
3

<b>Client Sample ID:</b>	SW-2	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-18	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	113 J	200	1.0	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	7.4 J	50	0.20	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	4.3 J	5.0	1.1	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14844

(2) Prep QC Batch: MP33633

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-2	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-18F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface H2O Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	0.40 J	50	0.20	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	6.1	5.0	1.1	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14841

(2) Prep QC Batch: MP33631

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-3	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-19	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0102731.D	1	04/30/18 12:57	AB	n/a	n/a	VM4426
Run #2							

Purge Volume
Run #1      5.0 ml
Run #2

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-3	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-19	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	X060021.D	1	04/25/18 15:53 NJ	04/24/18 15:00	OP69762	SX2506
Run #2						

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	47	9.4	ug/l	
	3&4-Methylphenol	ND	4.7	0.92	ug/l	
100-51-6	Benzyl Alcohol	ND	4.7	0.58	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%		14-67%
4165-62-2	Phenol-d5	16%		10-50%
118-79-6	2,4,6-Tribromophenol	66%		33-118%
4165-60-0	Nitrobenzene-d5	91%		42-108%
321-60-8	2-Fluorobiphenyl	88%		40-106%
1718-51-0	Terphenyl-d14	86%		39-121%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-3	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-19	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	39.2 J	200	1.0	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	1.5 J	50	0.20	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	2.3 J	5.0	1.1	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14844

(2) Prep QC Batch: MP33633

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

**Report of Analysis**

Page 1 of 1

3.38  
3

<b>Client Sample ID:</b>	SW-3	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-19F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface H2O Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	<b>0.70 J</b>	50	0.20	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	5.2	5.0	1.1	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14841

(2) Prep QC Batch: MP33631

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-4	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-20	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0102732.D	1	04/30/18 13:26	AB	n/a	n/a	VM4426
Run #2							

Purge Volume
Run #1      5.0 ml
Run #2

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-4	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-20	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	X060022.D	1	04/25/18 16:18 NJ	04/24/18 15:00	OP69762	SX2506
Run #2						

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	47	9.4	ug/l	
	3&4-Methylphenol	ND	4.7	0.92	ug/l	
100-51-6	Benzyl Alcohol	ND	4.7	0.58	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	24%		14-67%
4165-62-2	Phenol-d5	14%		10-50%
118-79-6	2,4,6-Tribromophenol	64%		33-118%
4165-60-0	Nitrobenzene-d5	84%		42-108%
321-60-8	2-Fluorobiphenyl	84%		40-106%
1718-51-0	Terphenyl-d14	82%		39-121%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-4	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-20	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	34.4 J	200	1.0	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	0.80 J	50	0.20	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	2.2 J	5.0	1.1	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14844

(2) Prep QC Batch: MP33633

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-4	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-20F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface H2O Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	0.50 J	50	0.20	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	5.7	5.0	1.1	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14841

(2) Prep QC Batch: MP33631

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-5	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-21	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0102733.D	1	04/30/18 13:56	AB	n/a	n/a	VM4426
Run #2							

Purge Volume
Run #1      5.0 ml
Run #2

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-5	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-21	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	X060029.D	1	04/25/18 19:16 NJ	04/24/18 15:00	OP69762	SX2506
Run #2						

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
	3&4-Methylphenol	ND	4.8	0.93	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.58	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	20%		14-67%
4165-62-2	Phenol-d5	11%		10-50%
118-79-6	2,4,6-Tribromophenol	64%		33-118%
4165-60-0	Nitrobenzene-d5	83%		42-108%
321-60-8	2-Fluorobiphenyl	83%		40-106%
1718-51-0	Terphenyl-d14	51%		39-121%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-5	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-21	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	30.6 J	200	1.0	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	7.8 J	50	0.20	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	2.3 J	5.0	1.1	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14844

(2) Prep QC Batch: MP33633

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-5	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-21F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface H2O Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	0.80 J	50	0.20	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.8 J	5.0	1.1	ug/l	1	04/23/18	04/23/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14841

(2) Prep QC Batch: MP33631

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-6	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-22	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0990829.D	10	04/21/18 18:45	AB	n/a	n/a	VJ5884
Run #2							

Purge Volume
Run #1      5.0 ml
Run #2

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	10	4.5	ug/l	
75-27-4	Bromodichloromethane	ND	10	2.4	ug/l	
98-06-6	tert-Butylbenzene	ND	10	3.1	ug/l	
67-66-3	Chloroform	ND	10	3.0	ug/l	
123-91-1	1,4-Dioxane	ND	2000	750	ug/l	
64-17-5	Ethyl Alcohol <sup>a</sup>	ND	2000	820	ug/l	
591-78-6	2-Hexanone	ND	100	20	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	50	10	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	10	2.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	10	3.2	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	10	2.7	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

(a) Associated ICV and BS outside control limits high, however sample ND.

ND = Not detected      MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-6	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-22	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	X060030.D	1	04/25/18 19:41 NJ	04/24/18 15:00	OP69762	SX2506
Run #2						

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	48	9.5	ug/l	
	3&4-Methylphenol	ND	4.8	0.93	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.58	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	18%		14-67%
4165-62-2	Phenol-d5	11%		10-50%
118-79-6	2,4,6-Tribromophenol	65%		33-118%
4165-60-0	Nitrobenzene-d5	82%		42-108%
321-60-8	2-Fluorobiphenyl	85%		40-106%
1718-51-0	Terphenyl-d14	63%		39-121%

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	<b>SW-6</b>	<b>Date Sampled:</b>	<b>04/17/18</b>
<b>Lab Sample ID:</b>	<b>FA53566-22</b>	<b>Date Received:</b>	<b>04/20/18</b>
<b>Matrix:</b>	<b>AQ - Surface Water</b>	<b>Percent Solids:</b>	<b>n/a</b>
<b>Project:</b>	<b>PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA</b>		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	18.4 J	200	1.0	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	3.0 J	50	0.20	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.5 J	5.0	1.1	ug/l	1	04/23/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14844

(2) Prep QC Batch: MP33633

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

SGS North America Inc.

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	SW-6	<b>Date Sampled:</b>	04/17/18
<b>Lab Sample ID:</b>	FA53566-22F	<b>Date Received:</b>	04/20/18
<b>Matrix:</b>	AQ - Surface H2O Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	0.80 J	50	0.20	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	04/23/18	04/23/18 DM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14842

(2) Prep QC Batch: MP33632

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

## Misc. Forms

### Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST

## ATC Chain Of Custody Record

FA53566

ATC Project Manager:		Billing Information		Incident Number (S&E ONLY):
<input type="checkbox"/>	<input type="checkbox"/>	Pilot Travel Center LLC	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	5608 LONAS DRIVE	<input type="checkbox"/>	DATE: _____
<input type="checkbox"/>	<input type="checkbox"/>	KNOXVILLE, TENNESSEE 37909	<input type="checkbox"/>	PAGE: 1 of 3
PROJECT ADDRESS (Street, City and State): 2990 Whitesville Rd		LaGrange Georgia		
PROJECT CONTACT (Report to): Max Burmeister		CONSULTANT PROJECT NUMBER: PT 69 / 27.222188.00		001
SAMPLER NAME(S) (Print): AHA, 4.1127		FAB USE ONLY		
REQUESTED ANALYSIS If more than one method is listed, circle one				
(8280) Bromochloromethane, Bromochlorochloromethane, 1,1-Dibromoethane, Chloroform, 1,4-Dioxane, Ethyl Alcohol, 2-Hexanone, 4-Methyl-2-pentanone, MTBE, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene				
(8270) (Total) Metal Benzene Acid, 54-1 Total Methanol, Methyl Alcohol, Cobalt, Lead, Benzyl				
Read Sample Read Sample Read Sample Read Sample				
1	MW-1 4-17-18 13:36	W X X	X X	X
2	MW-2 4-17-18 24:10	W X X	X	X
3	MW-3 4-18-18 7:12	W X X	X	X
4	MW-4 4-18-18 11:32	W X X	X	X
5	MW-5 4-18-18 10:30	W X X	X	X
6	MW-6 4-18-18 13:35	W X X	X	X
7	MW-7 4-18-18 16:35	W X X	X	X
8	MW-8 4-19-18 9:45	W X X	X	X
9	MW-9 4-19-18 11:01	W X X	X	X
10	MW-14 4-19-18 16:37	W X X	X	X
Requested by (Signature): <i>all by 4-19-18 19:00</i>		Received by (Signature): <i>fx</i>		Date: _____ Time: _____
Relinquished by (Signature): <i>fx</i>		Received by (Signature): <i>J. Corne</i>		Date: 04-20-18 Time: 09:30
Reinforced by (Signature):		Received by (Signature):		Date: _____ Time: _____

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client

3-2 3-2 3-4 3.0 3.6 3.4

05/01 Revision

4.1

4

FA53566: Chain of Custody  
Page 1 of 4

FAS3566

ACCUTEST

### ATC Chain Of Custody Record

4

4

FA53566: Chain of Custody  
Page 2 of 4

ACCUTEST

### ATC Chain Of Custody Record

FA S3 S66

ATC Project Manager:				Billing Information				Incident Number (S&E ONLY):	
<input type="checkbox"/> Richard Stevens		<input type="checkbox"/>		<input type="checkbox"/>		Pilot Travel Center LLC			
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		5508 LONAS DRIVE		DATE:	
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		KNOXVILLE, TENNESSEE 37909		PAGE: 3 of 3	
CONSULTANT COMPANY				PROJECT ADDRESS (Street, City and State):				SAP or CRM# Number:	
ATC GROUP SERVICES LLC				2990 Whitehouse Rd				LaGrange Georgia	
ADDRESS: 9874 Main Street, Suite 100				PROJECT CONTACT (Report to): Max Burmeister				CONSULTANT PROJECT NUMBER:	
CITY: Woodstock, GA 30188				SAMPLER NAME(S) (Print):				PT 69 / 27 22168.00 00/1	
TELEPHONE: (770) 926-8883		FAX: (770) 926-5383		EMAIL: richard.stevens@atcassociates.com					
TURNAROUND TIME (BUSINESS DAYS): 1 BUSINESS DAY		0 DAYS		0 DAYS		24 HOURS			
TEMPERATURE ON RECEIPT C°:									
SPECIAL INSTRUCTIONS OR NOTES :									
REQUESTED ANALYSIS (If more than one method is listed, circle one)									
<p>(8260) Bromochloromethane, Benzyl Chloride, Ethyl Chloride, Tert-butylbenzene, Chloroform, 1,4-Dioxane, Ethyl Alcohol, 2-Hexanone, 4-Methyl-2-pentanone, MTBE, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene</p> <p>(8270) Benzolic Acid, 3,6-Diethyl Barium, Cobalt, Lead Methyl, Phenyl, Benzyl Alcohol</p> <p>(Total Metal 6010) Cadmium, Copper, Nickel, Zinc</p> <p>Water Sample: D-324-A-1 / C-324-A-1 / D-324-B-1 / C-324-B-1</p>									
Container PID Readings or Laboratory Notes									
1	Field Sample Identification <i>SW-1</i>	DATE <i>4-17-18</i>	TIME <i>14:30</i>	MATRIX <i>W</i>	HCl <input checked="" type="checkbox"/>	HNO3 <input checked="" type="checkbox"/>	H2SO4 <input checked="" type="checkbox"/>	NONE <input checked="" type="checkbox"/>	IC <input checked="" type="checkbox"/>
2	<i>SW-2</i>		<i>15:05</i>						
3	<i>SW-3</i>		<i>15:45</i>						
4	<i>SW-4</i>		<i>16:25</i>						
5	<i>SW-5</i>		<i>13:55</i>						
6	<i>SW-6</i>		<i>13:15</i>						
Submitted by (Signature) <i>Attn: J</i> 4-19-18 19:00 Received by (Signature) <i>FX</i>									
Reviewed by (Signature) <i>FX</i> Received by (Signature) <i>J. CORR</i>									
Resubmitted by (Signature) Received by (Signature) <i>04-20-18 e9:30</i>									

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client.

FA53566: Chain of Custody  
Page 3 of 4

# SGS Sample Receipt Summary

Job Number: FA53566	Client: ATC	Project: PT69/27
Date / Time Received: 4/20/2018 9:30:00 AM	Delivery Method: FX	Airbill #'s: 1002866872860003281100780600993818
<b>Therm ID:</b> IR 1; <b>Therm CF:</b> 0.4; <b># of Coolers:</b> 6 <b>Cooler Temps (Raw Measured) °C:</b> Cooler 1: (2.8); Cooler 2: (2.8); Cooler 3: (3.0); Cooler 4: (2.6); Cooler 5: (3.2); Cooler 6: (3.0); <b>Cooler Temps (Corrected) °C:</b> Cooler 1: (3.2); Cooler 2: (3.2); Cooler 3: (3.4); Cooler 4: (3.0); Cooler 5: (3.6); Cooler 6: (3.4);		

<b>Cooler Information</b>		<b>Y or N</b>	<b>Sample Information</b>	<b>Y or N</b>	<b>N/A</b>	
1. Custody Seals Present		<input checked="" type="checkbox"/> <input type="checkbox"/>	1. Sample labels present on bottles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Custody Seals Intact		<input checked="" type="checkbox"/> <input type="checkbox"/>	2. Samples preserved properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Temp criteria achieved		<input checked="" type="checkbox"/> <input type="checkbox"/>	3. Sufficient volume/containers recvd for analysis:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4. Cooler temp verification		IR Gun	4. Condition of sample	Intact		
5. Cooler media		Ice (Bag)	5. Sample recvd within HT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Trip Blank Information</b>		<b>Y or N</b>	<b>N/A</b>	6. Dates/Times/IDs on COC match Sample Label	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1. Trip Blank present / cooler		<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	7. VOCs have headspace	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Trip Blank listed on COC		<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	8. Bottles received for unspecified tests	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		<b>W or S</b>	<b>N/A</b>	9. Compositing instructions clear	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3. Type Of TB Received		<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	10. VOA Soil Kits/Jars received past 48hrs?	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			11. % Solids Jar received?	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			12. Residual Chlorine Present?	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

<b>Misc. Information</b>					
Number of Enclosures: 25-Gram	5-Gram	Number of 5035 Field Kits:	Number of Lab Filtered Metals:		
Test Strip Lot #:	pH 0-3	230315	pH 10-12	219813A	Other: (Specify) _____
Residual Chlorine Test Strip Lot #: _____					
Comments					

SM001  
Rev. Date 05/24/17

Technician: JORGEC

Date: 4/20/2018 9:30:00 AM

Reviewer: \_\_\_\_\_

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

**FA53566: Chain of Custody**

**Page 4 of 4**

**MS Volatiles****5****QC Data Summaries**

---

**Includes the following where applicable:**

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

## Method Blank Summary

Page 1 of 1

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ5884-MB	J0990811.D	1	04/21/18	AB	n/a	n/a	VJ5884

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-22

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No. Surrogate Recoveries Limits

1868-53-7	Dibromofluoromethane	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	107%	79-125%
2037-26-5	Toluene-D8	97%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

5.1.1  
5

**Method Blank Summary**

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ5889-MB	J0990888.D	1	04/25/18	MM	n/a	n/a	VJ5889

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-1, FA53566-2, FA53566-4, FA53566-5, FA53566-7, FA53566-8, FA53566-9, FA53566-10, FA53566-11,  
FA53566-12, FA53566-13

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	104%
17060-07-0	1,2-Dichloroethane-D4	105%
2037-26-5	Toluene-D8	98%
460-00-4	4-Bromofluorobenzene	98%

## Method Blank Summary

Page 1 of 1

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM4423-MB	M0102645.D	1	04/25/18	AB	n/a	n/a	VM4423

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-14

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	100%
17060-07-0	1,2-Dichloroethane-D4	99%
2037-26-5	Toluene-D8	101%
460-00-4	4-Bromofluorobenzene	102%

5.1.3  
5

## Method Blank Summary

Page 1 of 1

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO1992-MB	O52897.D	1	04/26/18	SP	n/a	n/a	VO1992

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-2, FA53566-3, FA53566-4, FA53566-5, FA53566-6, FA53566-9, FA53566-10, FA53566-11, FA53566-12,  
FA53566-13, FA53566-15, FA53566-16

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	97%
17060-07-0	1,2-Dichloroethane-D4	96%
2037-26-5	Toluene-D8	108%
460-00-4	4-Bromofluorobenzene	109%

5.1.4  
5

## Method Blank Summary

Page 1 of 1

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM4426-MB	M0102725.D	1	04/30/18	AB	n/a	n/a	VM4426

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-17, FA53566-18, FA53566-19, FA53566-20, FA53566-21

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No. Surrogate Recoveries Limits

1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	79-125%
2037-26-5	Toluene-D8	102%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

## Method Blank Summary

Page 1 of 1

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM4428-MB	M0102780.D	1	05/02/18	AB	n/a	n/a	VM4428

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-7, FA53566-8

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	200	75	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	102%
17060-07-0	1,2-Dichloroethane-D4	102%
2037-26-5	Toluene-D8	102%
460-00-4	4-Bromofluorobenzene	100%

**Blank Spike Summary**

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ5884-BS	J0990810.D	1	04/21/18	AB	n/a	n/a	VJ5884

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-22

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-97-5	Bromochloromethane	25	21.0	84	76-123
75-27-4	Bromodichloromethane	25	24.5	98	79-123
98-06-6	tert-Butylbenzene	25	23.9	96	80-133
67-66-3	Chloroform	25	22.3	89	80-124
123-91-1	1,4-Dioxane	500	446	89	48-146
64-17-5	Ethyl Alcohol	500	1070	214*	46-145
591-78-6	2-Hexanone	125	111	89	61-129
108-10-1	4-Methyl-2-pentanone (MIBK)	125	113	90	66-122
1634-04-4	Methyl Tert Butyl Ether	25	21.3	85	72-117
95-63-6	1,2,4-Trimethylbenzene	25	23.1	92	79-120
108-67-8	1,3,5-Trimethylbenzene	25	24.5	98	79-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

\* = Outside of Control Limits.

5.2.1  
5

**Blank Spike Summary**

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM4423-BS	M0102644.D	1	04/25/18	AB	n/a	n/a	VM4423

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-97-5	Bromochloromethane	25	23.9	96	76-123
75-27-4	Bromodichloromethane	25	24.8	99	79-123
98-06-6	tert-Butylbenzene	25	23.5	94	80-133
67-66-3	Chloroform	25	24.5	98	80-124
123-91-1	1,4-Dioxane	500	449	90	48-146
64-17-5	Ethyl Alcohol	500	476	95	46-145
591-78-6	2-Hexanone	125	112	90	61-129
108-10-1	4-Methyl-2-pentanone (MIBK)	125	113	90	66-122
1634-04-4	Methyl Tert Butyl Ether	25	23.3	93	72-117
95-63-6	1,2,4-Trimethylbenzene	25	22.8	91	79-120
108-67-8	1,3,5-Trimethylbenzene	25	23.7	95	79-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	103%	83-118%

\* = Outside of Control Limits.

**Blank Spike Summary**

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ5889-BS	J0990887.D	1	04/25/18	MM	n/a	n/a	VJ5889

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-1, FA53566-2, FA53566-4, FA53566-5, FA53566-7, FA53566-8, FA53566-9, FA53566-10, FA53566-11,  
FA53566-12, FA53566-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-97-5	Bromochloromethane	25	23.6	94	76-123
75-27-4	Bromodichloromethane	25	27.2	109	79-123
98-06-6	tert-Butylbenzene	25	27.2	109	80-133
67-66-3	Chloroform	25	25.3	101	80-124
123-91-1	1,4-Dioxane	500	449	90	48-146
64-17-5	Ethyl Alcohol	500	566	113	46-145
591-78-6	2-Hexanone	125	124	99	61-129
108-10-1	4-Methyl-2-pentanone (MIBK)	125	128	102	66-122
1634-04-4	Methyl Tert Butyl Ether	25	23.8	95	72-117
95-63-6	1,2,4-Trimethylbenzene	25	26.8	107	79-120
108-67-8	1,3,5-Trimethylbenzene	25	28.3	113	79-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

\* = Outside of Control Limits.

**Blank Spike Summary**

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO1992-BS	O52896.D	1	04/26/18	SP	n/a	n/a	VO1992

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-2, FA53566-3, FA53566-4, FA53566-5, FA53566-6, FA53566-9, FA53566-10, FA53566-11, FA53566-12,  
FA53566-13, FA53566-15, FA53566-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-97-5	Bromochloromethane	25	22.3	89	76-123
75-27-4	Bromodichloromethane	25	25.0	100	79-123
98-06-6	tert-Butylbenzene	25	25.3	101	80-133
67-66-3	Chloroform	25	24.3	97	80-124
123-91-1	1,4-Dioxane	500	495	99	48-146
64-17-5	Ethyl Alcohol	500	583	117	46-145
591-78-6	2-Hexanone	125	113	90	61-129
108-10-1	4-Methyl-2-pentanone (MIBK)	125	115	92	66-122
1634-04-4	Methyl Tert Butyl Ether	25	22.6	90	72-117
95-63-6	1,2,4-Trimethylbenzene	25	24.1	96	79-120
108-67-8	1,3,5-Trimethylbenzene	25	24.6	98	79-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	79-125%
2037-26-5	Toluene-D8	104%	85-112%
460-00-4	4-Bromofluorobenzene	106%	83-118%

\* = Outside of Control Limits.

**Blank Spike Summary**

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM4426-BS	M0102724.D	1	04/30/18	AB	n/a	n/a	VM4426

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-17, FA53566-18, FA53566-19, FA53566-20, FA53566-21

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-97-5	Bromochloromethane	25	21.2	85	76-123
75-27-4	Bromodichloromethane	25	22.2	89	79-123
98-06-6	tert-Butylbenzene	25	21.4	86	80-133
67-66-3	Chloroform	25	22.0	88	80-124
123-91-1	1,4-Dioxane	500	401	80	48-146
64-17-5	Ethyl Alcohol	500	503	101	46-145
591-78-6	2-Hexanone	125	115	92	61-129
108-10-1	4-Methyl-2-pentanone (MIBK)	125	124	99	66-122
1634-04-4	Methyl Tert Butyl Ether	25	20.4	82	72-117
95-63-6	1,2,4-Trimethylbenzene	25	20.4	82	79-120
108-67-8	1,3,5-Trimethylbenzene	25	21.2	85	79-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	79-125%
2037-26-5	Toluene-D8	104%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

\* = Outside of Control Limits.

## Blank Spike Summary

Page 1 of 1

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM4428-BS	M0102779.D	1	05/02/18	AB	n/a	n/a	VM4428

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-7, FA53566-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	500	425	85	48-146

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	102%	83-118%

\* = Outside of Control Limits.

5.2.6  
5

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA53566-22MS	J0990833.D	10	04/21/18	AB	n/a	n/a	VJ5884
FA53566-22MSD	J0990834.D	10	04/21/18	AB	n/a	n/a	VJ5884
FA53566-22	J0990829.D	10	04/21/18	AB	n/a	n/a	VJ5884

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-22

CAS No.	Compound	FA53566-22		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits Rec/RPD
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l	%		
74-97-5	Bromochloromethane	ND	250	208	83	250	226	90	8	76-123/14	
75-27-4	Bromodichloromethane	ND	250	237	95	250	262	105	10	79-123/19	
98-06-6	tert-Butylbenzene	ND	250	243	97	250	258	103	6	80-133/16	
67-66-3	Chloroform	ND	250	222	89	250	242	97	9	80-124/15	
123-91-1	1,4-Dioxane	ND	5000	3950	79	5000	4530	91	14	48-146/34	
64-17-5	Ethyl Alcohol	ND	5000	9360	187*	5000	10600	212*	12	46-145/30	
591-78-6	2-Hexanone	ND	1250	1080	86	1250	1170	94	8	61-129/18	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	1250	1140	91	1250	1190	95	4	66-122/16	
1634-04-4	Methyl Tert Butyl Ether	ND	250	214	86	250	231	92	8	72-117/14	
95-63-6	1,2,4-Trimethylbenzene	ND	250	229	92	250	246	98	7	79-120/18	
108-67-8	1,3,5-Trimethylbenzene	ND	250	248	99	250	265	106	7	79-120/19	

CAS No.	Surrogate Recoveries	MS	MSD	FA53566-22	Limits
1868-53-7	Dibromofluoromethane	100%	100%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	99%	108%	79-125%
2037-26-5	Toluene-D8	101%	101%	98%	85-112%
460-00-4	4-Bromofluorobenzene	101%	102%	98%	83-118%

\* = Outside of Control Limits.

5.3.1  
5

**Matrix Spike/Matrix Spike Duplicate Summary**

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA53566-1MS	J0990909.D	5	04/25/18	MM	n/a	n/a	VJ5889
FA53566-1MSD	J0990910.D	5	04/25/18	MM	n/a	n/a	VJ5889
FA53566-1	J0990889.D	1	04/25/18	MM	n/a	n/a	VJ5889

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-1, FA53566-2, FA53566-4, FA53566-5, FA53566-7, FA53566-8, FA53566-9, FA53566-10, FA53566-11, FA53566-12, FA53566-13

CAS No.	Compound	FA53566-1		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits Rec/RPD
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l	%		
74-97-5	Bromochloromethane	ND		125	115	92	125	115	92	0	76-123/14
75-27-4	Bromodichloromethane	5.8		125	133	102	125	132	101	1	79-123/19
98-06-6	tert-Butylbenzene	ND		125	134	107	125	135	108	1	80-133/16
67-66-3	Chloroform	16.1		125	134	94	125	133	94	1	80-124/15
123-91-1	1,4-Dioxane	ND		2500	1850	74	2500	2460	98	28	48-146/34
64-17-5	Ethyl Alcohol	ND		2500	2030	81	2500	2670	107	27	46-145/30
591-78-6	2-Hexanone	ND		625	622	100	625	620	99	0	61-129/18
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		625	635	102	625	628	100	1	66-122/16
1634-04-4	Methyl Tert Butyl Ether	ND		125	110	88	125	113	90	3	72-117/14
95-63-6	1,2,4-Trimethylbenzene	ND		125	132	106	125	133	106	1	79-120/18
108-67-8	1,3,5-Trimethylbenzene	ND		125	139	111	125	139	111	0	79-120/19

CAS No.	Surrogate Recoveries	MS	MSD	FA53566-1	Limits
1868-53-7	Dibromofluoromethane	101%	100%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	100%	105%	79-125%
2037-26-5	Toluene-D8	100%	101%	97%	85-112%
460-00-4	4-Bromofluorobenzene	100%	101%	99%	83-118%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA53616-5MS	M0102666.D	1	04/25/18	AB	n/a	n/a	VM4423
FA53616-5MSD	M0102667.D	1	04/25/18	AB	n/a	n/a	VM4423
FA53616-5	M0102654.D	1	04/25/18	AB	n/a	n/a	VM4423

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-14

CAS No.	Compound	FA53616-5		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits Rec/RPD
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l	%		
74-97-5	Bromochloromethane	1.0	U	25	21.0	84	25	22.6	90	7	76-123/14
75-27-4	Bromodichloromethane	1.0	U	25	20.9	84	25	22.5	90	7	79-123/19
98-06-6	tert-Butylbenzene	1.0	U	25	20.4	82	25	22.5	90	10	80-133/16
67-66-3	Chloroform	1.0	U	25	22.0	88	25	23.2	93	5	80-124/15
123-91-1	1,4-Dioxane	200	U	500	355	71	500	440	88	21	48-146/34
64-17-5	Ethyl Alcohol	200	U	500	432	86	500	493	99	13	46-145/30
591-78-6	2-Hexanone	10	U	125	103	82	125	114	91	10	61-129/18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	125	105	84	125	118	94	12	66-122/16
1634-04-4	Methyl Tert Butyl Ether	1.0	U	25	19.7	79	25	20.6	82	4	72-117/14
95-63-6	1,2,4-Trimethylbenzene	1.0	U	25	19.7	79	25	21.4	86	8	79-120/18
108-67-8	1,3,5-Trimethylbenzene	1.0	U	25	20.2	81	25	22.5	90	11	79-120/19

CAS No.	Surrogate Recoveries	MS	MSD	FA53616-5	Limits
1868-53-7	Dibromofluoromethane	101%	100%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	99%	101%	79-125%
2037-26-5	Toluene-D8	97%	99%	99%	85-112%
460-00-4	4-Bromofluorobenzene	97%	101%	102%	83-118%

\* = Outside of Control Limits.

5.3.3  
5

**Matrix Spike/Matrix Spike Duplicate Summary**

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA53566-11MS	O52914.D	10	04/26/18	SP	n/a	n/a	VO1992
FA53566-11MSD	O52915.D	10	04/26/18	SP	n/a	n/a	VO1992
FA53566-11 <sup>a</sup>	O52908.D	10	04/26/18	SP	n/a	n/a	VO1992

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-2, FA53566-3, FA53566-4, FA53566-5, FA53566-6, FA53566-9, FA53566-10, FA53566-11, FA53566-12,  
FA53566-13, FA53566-15, FA53566-16

CAS No.	Compound	FA53566-11		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits Rec/RPD
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l	%		
74-97-5	Bromochloromethane	ND	250	225	90	250	226	90	0	76-123/14	
75-27-4	Bromodichloromethane	ND	250	246	98	250	238	95	3	79-123/19	
98-06-6	tert-Butylbenzene	ND	250	244	98	250	246	98	1	80-133/16	
67-66-3	Chloroform	ND	250	248	99	250	252	101	2	80-124/15	
123-91-1	1,4-Dioxane	4890	5000	9790	98	5000	9670	96	1	48-146/34	
64-17-5	Ethyl Alcohol	ND	5000	3700	74	5000	4540	91	20	46-145/30	
591-78-6	2-Hexanone	ND	1250	1180	94	1250	1200	96	2	61-129/18	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	1250	1170	94	1250	1200	96	3	66-122/16	
1634-04-4	Methyl Tert Butyl Ether	ND	250	225	90	250	228	91	1	72-117/14	
95-63-6	1,2,4-Trimethylbenzene	ND	250	239	96	250	240	96	0	79-120/18	
108-67-8	1,3,5-Trimethylbenzene	ND	250	242	97	250	246	98	2	79-120/19	

CAS No.	Surrogate Recoveries	MS	MSD	FA53566-11 Limits
1868-53-7	Dibromofluoromethane	102%	99%	99% 83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	103%	97% 79-125%
2037-26-5	Toluene-D8	100%	100%	107% 85-112%
460-00-4	4-Bromofluorobenzene	101%	104%	102% 83-118%

(a) No sample available for reanalysis.

\* = Outside of Control Limits.

**Matrix Spike/Matrix Spike Duplicate Summary**

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA53694-15MS	M0102743.D	100	04/30/18	AB	n/a	n/a	VM4426
FA53694-15MSD	M0102744.D	100	04/30/18	AB	n/a	n/a	VM4426
FA53694-15	M0102726.D	100	04/30/18	AB	n/a	n/a	VM4426

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-17, FA53566-18, FA53566-19, FA53566-20, FA53566-21

CAS No.	Compound	FA53694-15		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits Rec/RPD
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l	%		
74-97-5	Bromochloromethane	ND		2500	2300	92	2500	2350	94	2	76-123/14
75-27-4	Bromodichloromethane	ND		2500	2390	96	2500	2490	100	4	79-123/19
98-06-6	tert-Butylbenzene	ND		2500	2210	88	2500	2320	93	5	80-133/16
67-66-3	Chloroform	ND		2500	2420	97	2500	2450	98	1	80-124/15
123-91-1	1,4-Dioxane	ND		50000	42500	85	50000	44400	89	4	48-146/34
64-17-5	Ethyl Alcohol	ND		50000	56100	112	50000	58800	118	5	46-145/30
591-78-6	2-Hexanone	ND		12500	11400	91	12500	12200	98	7	61-129/18
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		12500	11800	94	12500	12800	102	8	66-122/16
1634-04-4	Methyl Tert Butyl Ether	46.8	J	2500	2190	86	2500	2210	87	1	72-117/14
95-63-6	1,2,4-Trimethylbenzene	904		2500	3190	91	2500	3190	91	0	79-120/18
108-67-8	1,3,5-Trimethylbenzene	172		2500	2480	92	2500	2530	94	2	79-120/19

CAS No.	Surrogate Recoveries	MS	MSD	FA53694-15	Limits
1868-53-7	Dibromofluoromethane	101%	100%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	101%	98%	79-125%
2037-26-5	Toluene-D8	99%	99%	100%	85-112%
460-00-4	4-Bromofluorobenzene	97%	97%	99%	83-118%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA53695-11MS	M0102798.D	100	05/02/18	AB	n/a	n/a	VM4428
FA53695-11MSD	M0102799.D	100	05/02/18	AB	n/a	n/a	VM4428
FA53695-11	M0102781.D	100	05/02/18	AB	n/a	n/a	VM4428

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53566-7, FA53566-8

CAS No.	Compound	FA53695-11		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits Rec/RPD
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l	%		
123-91-1	1,4-Dioxane	ND		50000	34600	69	50000	41500	83	18	48-146/34
CAS No.	Surrogate Recoveries	MS		MSD	FA53695-11		Limits				
1868-53-7	Dibromofluoromethane	102%		102%	103%		83-118%				
17060-07-0	1,2-Dichloroethane-D4	101%		104%	102%		79-125%				
2037-26-5	Toluene-D8	98%		100%	101%		85-112%				
460-00-4	4-Bromofluorobenzene	98%		99%	102%		83-118%				

\* = Outside of Control Limits.

5.3.6  
5

**MS Semi-volatiles****QC Data Summaries**

---

**Includes the following where applicable:**

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries



## Method Blank Summary

Page 1 of 1

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69762-MB	X060008.D	1	04/25/18	NJ	04/24/18	OP69762	SX2506

The QC reported here applies to the following samples:

Method: SW846 8270D

FA53566-1, FA53566-2, FA53566-3, FA53566-4, FA53566-5, FA53566-6, FA53566-7, FA53566-12, FA53566-13, FA53566-16, FA53566-17, FA53566-18, FA53566-19, FA53566-20, FA53566-21, FA53566-22

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	0.98	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.61	ug/l	

CAS No.	Surrogate Recoveries	Limits
367-12-4	2-Fluorophenol	34% 14-67%
4165-62-2	Phenol-d5	21% 10-50%
118-79-6	2,4,6-Tribromophenol	77% 33-118%
4165-60-0	Nitrobenzene-d5	88% 42-108%
321-60-8	2-Fluorobiphenyl	83% 40-106%
1718-51-0	Terphenyl-d14	91% 39-121%

**Method Blank Summary**

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69797-MB	9I001282.D	1	04/27/18	NJ	04/26/18	OP69797	S9I47

The QC reported here applies to the following samples:

Method: SW846 8270D

FA53566-8, FA53566-9, FA53566-10, FA53566-11, FA53566-14, FA53566-15

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	0.98	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.61	ug/l	

CAS No.	Surrogate Recoveries	Limits
367-12-4	2-Fluorophenol	48%
4165-62-2	Phenol-d5	30%
118-79-6	2,4,6-Tribromophenol	110%
4165-60-0	Nitrobenzene-d5	88%
321-60-8	2-Fluorobiphenyl	95%
1718-51-0	Terphenyl-d14	101%

**Blank Spike Summary**

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69762-BS	X060007.D	1	04/25/18	NJ	04/24/18	OP69762	SX2506

The QC reported here applies to the following samples:

Method: SW846 8270D

FA53566-1, FA53566-2, FA53566-3, FA53566-4, FA53566-5, FA53566-6, FA53566-7, FA53566-12, FA53566-13,  
 FA53566-16, FA53566-17, FA53566-18, FA53566-19, FA53566-20, FA53566-21, FA53566-22

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	24.3	24	10-69
	3&4-Methylphenol	100	48.7	49	36-88
100-51-6	Benzyl Alcohol	50	29.2	58	46-94

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	35%	14-67%
4165-62-2	Phenol-d5	21%	10-50%
118-79-6	2,4,6-Tribromophenol	79%	33-118%
4165-60-0	Nitrobenzene-d5	88%	42-108%
321-60-8	2-Fluorobiphenyl	87%	40-106%
1718-51-0	Terphenyl-d14	91%	39-121%

\* = Outside of Control Limits.

**Blank Spike Summary**

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69797-BS	9I001281.D	1	04/27/18	NJ	04/26/18	OP69797	S9I47

The QC reported here applies to the following samples:

Method: SW846 8270D

FA53566-8, FA53566-9, FA53566-10, FA53566-11, FA53566-14, FA53566-15

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	16.7	17	10-69
	3&4-Methylphenol	100	49.3	49	36-88
100-51-6	Benzyl Alcohol	50	29.4	59	46-94

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	37%	14-67%
4165-62-2	Phenol-d5	21%	10-50%
118-79-6	2,4,6-Tribromophenol	97%	33-118%
4165-60-0	Nitrobenzene-d5	81%	42-108%
321-60-8	2-Fluorobiphenyl	92%	40-106%
1718-51-0	Terphenyl-d14	97%	39-121%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69762-MS	X060025.D	1	04/25/18	NJ	04/24/18	OP69762	SX2506
OP69762-MSD	X060026.D	1	04/25/18	NJ	04/24/18	OP69762	SX2506
FA53566-22	X060030.D	1	04/25/18	NJ	04/24/18	OP69762	SX2506

The QC reported here applies to the following samples:

Method: SW846 8270D

FA53566-1, FA53566-2, FA53566-3, FA53566-4, FA53566-5, FA53566-6, FA53566-7, FA53566-12, FA53566-13, FA53566-16, FA53566-17, FA53566-18, FA53566-19, FA53566-20, FA53566-21, FA53566-22

CAS No.	Compound	FA53566-22		MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
		ug/l	Q							
65-85-0	Benzoic Acid	ND		192	75.0	39	192	60.7	32	21
	3&4-Methylphenol	ND		192	115	60	192	95.9	50	18
100-51-6	Benzyl Alcohol	ND		96.2	71.5	74	96.2	61.3	64	15
CAS No.		Surrogate Recoveries		MS	MSD	FA53566-22 Limits				
367-12-4	2-Fluorophenol	48%		39%	18%	14-67%				
4165-62-2	Phenol-d5	33%		25%	11%	10-50%				
118-79-6	2,4,6-Tribromophenol	76%		68%	65%	33-118%				
4165-60-0	Nitrobenzene-d5	93%		89%	82%	42-108%				
321-60-8	2-Fluorobiphenyl	92%		87%	85%	40-106%				
1718-51-0	Terphenyl-d14	98%		93%	63%	39-121%				

\* = Outside of Control Limits.

6.3.1  
6

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA53566

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69797-MS	9I001297.D	5	04/27/18	NJ	04/26/18	OP69797	S9I47
OP69797-MSD	9I001298.D	5	04/27/18	NJ	04/26/18	OP69797	S9I47
FA53438-23	9I001296.D	5	04/27/18	NJ	04/26/18	OP69797	S9I47
FA53438-23	9I001300.D	10	04/27/18	NJ	04/26/18	OP69797	S9I47

The QC reported here applies to the following samples:

Method: SW846 8270D

FA53566-8, FA53566-9, FA53566-10, FA53566-11, FA53566-14, FA53566-15

CAS No.	Compound	FA53438-23		Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
		ug/l	Q								
65-85-0	Benzoic Acid	240 U	192	ND	0*	192	ND	0*	nc	10-69/39	
	3&4-Methylphenol	585 b	192		922	184* a	192	1060	255* a	14	36-88/28
100-51-6	Benzyl Alcohol	24 U	96.2	55.7	58	96.2	53.9	56	3	46-94/27	

CAS No.	Surrogate Recoveries	MS	MSD	FA53438-23	FA53438-23	Limits
367-12-4	2-Fluorophenol	46%	43%	25%	25%	14-67%
4165-62-2	Phenol-d5	30%	26%	13%	13%	10-50%
118-79-6	2,4,6-Tribromophenol	97%	102%	101%	92%	33-118%
4165-60-0	Nitrobenzene-d5	72%	75%	76%	72%	42-108%
321-60-8	2-Fluorobiphenyl	80%	83%	81%	81%	40-106%
1718-51-0	Terphenyl-d14	87%	91%	79%	80%	39-121%

(a) Outside control limits due to high level in sample relative to spike amount.

(b) Result is from Run #2.

\* = Outside of Control Limits.

6.3.2  
6

## Metals Analysis

### QC Data Summaries

7

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: FA53566  
Account: PILOTSS - Pilot Travel Centers LLC  
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33631  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date:

04/23/18

04/23/18

Metal	RL	IDL	MDL	MB raw	final	MB raw	final
Aluminum	200	14	14				
Antimony	6.0	1	1				
Arsenic	10	1.3	1.3				
Barium	200	1	1				
Beryllium	4.0	.2	.2				
Cadmium	5.0	.2	.2				
Calcium	1000	50	50				
Chromium	10	1	1				
Cobalt	50	.2	.2	-0.20	<50	-0.30	<50
Copper	25	1	1				
Iron	300	17	17				
Lead	5.0	1	1.1	0.60	<5.0	0.80	<5.0
Magnesium	5000	35	35				
Manganese	15	.5	1				
Molybdenum	50	.3	.3				
Nickel	40	.4	.4				
Potassium	10000	200	200				
Selenium	10	2.4	2.9				
Silver	10	.7	.7				
Sodium	10000	500	500				
Strontium	10	.5	.5				
Thallium	10	1.1	1.4				
Tin	50	.9	1				
Titanium	10	.5	1				
Vanadium	50	.5	.6				
Zinc	20	3	4.4				

Associated samples MP33631: FA53566-1F, FA53566-2F, FA53566-17F, FA53566-18F, FA53566-19F, FA53566-20F, FA53566-21F

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

## MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA53566

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33631  
Matrix Type: AQUEOUSMethods: SW846 6010C  
Units: ug/l

Prep Date:

04/23/18

04/23/18

Metal	FA53547-2 Original DUP	RPD	QC Limits	FA53547-2 Original MS	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum							
Antimony							
Arsenic							
Barium							
Beryllium							
Cadmium							
Calcium							
Chromium							
Cobalt	0.0	0.0	NC	0-20	0.0	507	500
Copper							
Iron	anr						
Lead	2.2	1.2	58.8 (a)	0-20	2.2	493	500
Magnesium							
Manganese							
Molybdenum							
Nickel							
Potassium							
Selenium							
Silver							
Sodium							
Strontium							
Thallium							
Tin							
Titanium							
Vanadium							
Zinc							

Associated samples MP33631: FA53566-1F, FA53566-2F, FA53566-17F, FA53566-18F, FA53566-19F, FA53566-20F, FA53566-21F

Results &lt; IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) RPD acceptable due to low duplicate and sample concentrations.

## MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA53566

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33631  
Matrix Type: AQUEOUSMethods: SW846 6010C  
Units: ug/l

Prep Date:

04/23/18

Metal	FA53547-2 Original MSD	Spikelot MPFLICP2	MSD % Rec	MSD RPD	QC Limit
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Cadmium					
Calcium					
Chromium					
Cobalt	0.0	508	500	101.6	0.2
Copper					
Iron	anr				
Lead	2.2	493	500	98.2	0.0
Magnesium					
Manganese					
Molybdenum					
Nickel					
Potassium					
Selenium					
Silver					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Vanadium					
Zinc					

Associated samples MP33631: FA53566-1F, FA53566-2F, FA53566-17F, FA53566-18F, FA53566-19F, FA53566-20F, FA53566-21F

Results &lt; IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

## SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA53566

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33631  
Matrix Type: AQUEOUSMethods: SW846 6010C  
Units: ug/l

Prep Date:

04/23/18

Metal	BSP Result	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt	508	500	101.6	80-120
Copper				
Iron	anr			
Lead	486	500	97.2	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP33631: FA53566-1F, FA53566-2F, FA53566-17F, FA53566-18F, FA53566-19F, FA53566-20F, FA53566-21F

Results &lt; IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

## SERIAL DILUTION RESULTS SUMMARY

Login Number: FA53566

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33631

Methods: SW846 6010C

Matrix Type: AQUEOUS

Units: ug/l

Prep Date:

04/23/18

Metal	FA53547-2 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt	0.00	0.00	NC	0-10
Copper				
Iron	anr			
Lead	2.20	5.10	131.8(a)	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP33631: FA53566-1F, FA53566-2F, FA53566-17F, FA53566-18F, FA53566-19F, FA53566-20F, FA53566-21F

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

## POST DIGESTATE SPIKE SUMMARY

Login Number: FA53566

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33631

Methods: SW846 6010C

Matrix Type: AQUEOUS

Units: ug/l

Prep Date:

04/23/18

Metal	Sample ml	Final ml	FA53547-2 Raw	PS Corr.**	Spike ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt	9.8	10		48.8	0.2	2.5	50	97.6	80-120	
Copper										
Iron										
Lead	9.8	10	2.2	2.156	46.6	0.2	2.5	50	88.9	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP33631: FA53566-1F, FA53566-2F, FA53566-17F, FA53566-18F, FA53566-19F, FA53566-20F, FA53566-21F

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(\*\*) Corr. sample result = Raw \* (sample volume / final volume)

(anr) Analyte not requested

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: FA53566  
Account: PILOTSS - Pilot Travel Centers LLC  
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33632  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date:

04/23/18

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	14	14		
Antimony	6.0	1	1		
Arsenic	10	1.3	1.3		
Barium	200	1	1	-0.30	<200
Beryllium	4.0	.2	.2		
Cadmium	5.0	.2	.2		
Calcium	1000	50	50		
Chromium	10	1	1		
Cobalt	50	.2	.2	-0.20	<50
Copper	25	1	1		
Iron	300	17	17		
Lead	5.0	1	1.1	0.0	<5.0
Magnesium	5000	35	35		
Manganese	15	.5	1		
Molybdenum	50	.3	.3		
Nickel	40	.4	.4		
Potassium	10000	200	200		
Selenium	10	2.4	2.9		
Silver	10	.7	.7		
Sodium	10000	500	500		
Strontium	10	.5	.5		
Thallium	10	1.1	1.4		
Tin	50	.9	1		
Titanium	10	.5	1		
Vanadium	50	.5	.6		
Zinc	20	3	4.4		

Associated samples MP33632: FA53566-1, FA53566-2, FA53566-3, FA53566-4, FA53566-5, FA53566-3F, FA53566-4F, FA53566-5F, FA53566-6F, FA53566-7F, FA53566-8F, FA53566-9F, FA53566-10F, FA53566-11F, FA53566-12F, FA53566-13F, FA53566-14F, FA53566-15F, FA53566-16F, FA53566-22F

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

## MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA53566

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33632  
Matrix Type: AQUEOUSMethods: SW846 6010C  
Units: ug/l

Prep Date:

04/23/18

04/23/18

Metal	FA53566-3F Original DUP	RPD	QC Limits	FA53566-3F Original MS	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum							
Antimony							
Arsenic							
Barium	173	174	0.6	0-20	173	2300	2000
Beryllium							
Cadmium							
Calcium							
Chromium							
Cobalt	16.2	16.3	0.6	0-20	16.2	528	500
Copper							
Iron							
Lead	7.4	8.7	16.1	0-20	7.4	507	500
Magnesium							
Manganese							
Molybdenum							
Nickel							
Potassium							
Selenium							
Silver							
Sodium							
Strontium							
Thallium							
Tin							
Titanium							
Vanadium							
Zinc							

Associated samples MP33632: FA53566-1, FA53566-2, FA53566-3, FA53566-4, FA53566-5, FA53566-3F, FA53566-4F, FA53566-5F, FA53566-6F, FA53566-7F, FA53566-8F, FA53566-9F, FA53566-10F, FA53566-11F, FA53566-12F, FA53566-13F, FA53566-14F, FA53566-15F, FA53566-16F, FA53566-22F

Results &lt; IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

7.2.2  
7

## MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA53566

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33632  
Matrix Type: AQUEOUSMethods: SW846 6010C  
Units: ug/l

Prep Date:

04/23/18

Metal	FA53566-3F Original	MSD	Spikelot MPFLICP2	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium	173	2240	2000	103.4	2.6	20
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt	16.2	517	500	100.2	2.1	20
Copper						
Iron						
Lead	7.4	494	500	97.3	2.6	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc						

Associated samples MP33632: FA53566-1, FA53566-2, FA53566-3, FA53566-4, FA53566-5, FA53566-3F, FA53566-4F, FA53566-5F, FA53566-6F, FA53566-7F, FA53566-8F, FA53566-9F, FA53566-10F, FA53566-11F, FA53566-12F, FA53566-13F, FA53566-14F, FA53566-15F, FA53566-16F, FA53566-22F

Results &lt; IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

7.2.2  
7

## SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA53566

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33632  
Matrix Type: AQUEOUSMethods: SW846 6010C  
Units: ug/l

Prep Date:

04/23/18

Metal	BSP Result	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium	2090	2000	104.5	80-120
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt	519	500	103.8	80-120
Copper				
Iron				
Lead	488	500	97.6	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP33632: FA53566-1, FA53566-2, FA53566-3, FA53566-4, FA53566-5, FA53566-3F, FA53566-4F, FA53566-5F, FA53566-6F, FA53566-7F, FA53566-8F, FA53566-9F, FA53566-10F, FA53566-11F, FA53566-12F, FA53566-13F, FA53566-14F, FA53566-15F, FA53566-16F, FA53566-22F

Results &lt; IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

7.2.3  
7

## SERIAL DILUTION RESULTS SUMMARY

Login Number: FA53566

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33632  
Matrix Type: AQUEOUSMethods: SW846 6010C  
Units: ug/l

Prep Date:

04/23/18

Metal	FA53566-3F Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium	173	172	0.6	0-10
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt	16.2	16.0	1.2	0-10
Copper				
Iron				
Lead	7.40	9.80	32.4 (a)	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP33632: FA53566-1, FA53566-2, FA53566-3, FA53566-4, FA53566-5, FA53566-3F, FA53566-4F, FA53566-5F, FA53566-6F, FA53566-7F, FA53566-8F, FA53566-9F, FA53566-10F, FA53566-11F, FA53566-12F, FA53566-13F, FA53566-14F, FA53566-15F, FA53566-16F, FA53566-22F

Results &lt; IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (&lt; 50 times IDL).

7.2.4  
7

## POST DIGESTATE SPIKE SUMMARY

Login Number: FA53566

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33632  
Matrix Type: AQUEOUSMethods: SW846 6010C  
Units: ug/l

Prep Date:

04/23/18

Metal	Sample ml	Final ml	FA53566-3F Raw	FA53566-3F Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium	9.8	10	173.2	169.736	421	0.2	12.5	250	100.5	80-120
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt	9.8	10	16.2	15.876	65.1	0.2	2.5	50	98.4	80-120
Copper										
Iron										
Lead	9.8	10	7.4	7.252	53.7	0.2	2.5	50	92.9	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP33632: FA53566-1, FA53566-2, FA53566-3, FA53566-4, FA53566-5, FA53566-3F, FA53566-4F, FA53566-5F, FA53566-6F, FA53566-7F, FA53566-8F, FA53566-9F, FA53566-10F, FA53566-11F, FA53566-12F, FA53566-13F, FA53566-14F, FA53566-15F, FA53566-16F, FA53566-22F

Results &lt; IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(\*\*) Corr. sample result = Raw \* (sample volume / final volume)

(anr) Analyte not requested

7.2.5  
7

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: FA53566  
Account: PILOTSS - Pilot Travel Centers LLC  
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33633  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date:

04/23/18

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	14	14		
Antimony	6.0	1	1		
Arsenic	10	1.3	1.3		
Barium	200	1	1	0.0	<200
Beryllium	4.0	.2	.2		
Cadmium	5.0	.2	.2		
Calcium	1000	50	50		
Chromium	10	1	1		
Cobalt	50	.2	.2	-0.30	<50
Copper	25	1	1		
Iron	300	17	17		
Lead	5.0	1	1.1	1.0	<5.0
Magnesium	5000	35	35		
Manganese	15	.5	1		
Molybdenum	50	.3	.3		
Nickel	40	.4	.4		
Potassium	10000	200	200		
Selenium	10	2.4	2.9		
Silver	10	.7	.7		
Sodium	10000	500	500		
Strontium	10	.5	.5		
Thallium	10	1.1	1.4		
Tin	50	.9	1		
Titanium	10	.5	1		
Vanadium	50	.5	.6		
Zinc	20	3	4.4		

Associated samples MP33633: FA53566-6, FA53566-7, FA53566-8, FA53566-9, FA53566-10, FA53566-11, FA53566-12, FA53566-13, FA53566-14, FA53566-15, FA53566-16, FA53566-17, FA53566-18, FA53566-19, FA53566-20, FA53566-21, FA53566-22

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

7.3.1  
7

## MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA53566

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33633  
Matrix Type: AQUEOUSMethods: SW846 6010C  
Units: ug/l

Prep Date:

04/23/18

04/23/18

Metal	FA53566-6 Original DUP	RPD	QC Limits	FA53566-6 Original MS	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum							
Antimony							
Arsenic							
Barium	23.3	20.6	12.3	0-20	23.3	2060	2000
Beryllium							
Cadmium							
Calcium							
Chromium							
Cobalt	0.0	0.0	NC	0-20	0.0	505	500
Copper							
Iron							
Lead	9.6	6.7	35.6 (a)	0-20	9.6	486	500
Magnesium							
Manganese							
Molybdenum							
Nickel							
Potassium							
Selenium							
Silver							
Sodium	anr						
Strontium							
Thallium							
Tin							
Titanium							
Vanadium							
Zinc							

Associated samples MP33633: FA53566-6, FA53566-7, FA53566-8, FA53566-9, FA53566-10, FA53566-11, FA53566-12, FA53566-13, FA53566-14, FA53566-15, FA53566-16, FA53566-17, FA53566-18, FA53566-19, FA53566-20, FA53566-21, FA53566-22

Results &lt; IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) RPD acceptable due to low duplicate and sample concentrations.

## MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA53566

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33633  
Matrix Type: AQUEOUSMethods: SW846 6010C  
Units: ug/l

Prep Date:

04/23/18

Metal	FA53566-6 Original MSD	Spikelot MPFLICP2	MSD % Rec	MSD RPD	QC Limit
Aluminum					
Antimony					
Arsenic					
Barium	23.3	2070	2000	102.3	0.5
Beryllium					
Cadmium					
Calcium					
Chromium					
Cobalt	0.0	508	500	101.6	0.6
Copper					
Iron					
Lead	9.6	491	500	96.3	1.0
Magnesium					
Manganese					
Molybdenum					
Nickel					
Potassium					
Selenium					
Silver					
Sodium	anr				
Strontium					
Thallium					
Tin					
Titanium					
Vanadium					
Zinc					

Associated samples MP33633: FA53566-6, FA53566-7, FA53566-8, FA53566-9, FA53566-10, FA53566-11, FA53566-12, FA53566-13, FA53566-14, FA53566-15, FA53566-16, FA53566-17, FA53566-18, FA53566-19, FA53566-20, FA53566-21, FA53566-22

Results &lt; IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

7.3.2  
7

## SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA53566

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33633  
Matrix Type: AQUEOUSMethods: SW846 6010C  
Units: ug/l

Prep Date:

04/23/18

Metal	BSP Result	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium	2030	2000	101.5	80-120
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt	509	500	101.8	80-120
Copper				
Iron				
Lead	478	500	95.6	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP33633: FA53566-6, FA53566-7, FA53566-8, FA53566-9, FA53566-10, FA53566-11, FA53566-12, FA53566-13, FA53566-14, FA53566-15, FA53566-16, FA53566-17, FA53566-18, FA53566-19, FA53566-20, FA53566-21, FA53566-22

Results &lt; IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

## SERIAL DILUTION RESULTS SUMMARY

Login Number: FA53566

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33633  
Matrix Type: AQUEOUSMethods: SW846 6010C  
Units: ug/l

Prep Date:

04/23/18

Metal	FA53566-6 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium	23.3	24.7	6.0	0-10
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt	0.00	0.00	NC	0-10
Copper				
Iron				
Lead	9.60	16.4	70.8 (a)	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP33633: FA53566-6, FA53566-7, FA53566-8, FA53566-9, FA53566-10, FA53566-11, FA53566-12, FA53566-13, FA53566-14, FA53566-15, FA53566-16, FA53566-17, FA53566-18, FA53566-19, FA53566-20, FA53566-21, FA53566-22

Results &lt; IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (&lt; 50 times IDL).

7.3.4

7

## POST DIGESTATE SPIKE SUMMARY

Login Number: FA53566

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33633

Methods: SW846 6010C

Matrix Type: AQUEOUS

Units: ug/l

Prep Date:

04/23/18

Metal	Sample ml	Final ml	FA53566-6 Raw	FA53566-6 Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium	9.8	10	23.3	22.834	278.7	0.2	12.5	250	102.3	80-120
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt	9.8	10			49.9	0.2	2.5	50	99.8	80-120
Copper										
Iron										
Lead	9.8	10	9.6	9.408	57.4	0.2	2.5	50	96.0	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP33633: FA53566-6, FA53566-7, FA53566-8, FA53566-9, FA53566-10, FA53566-11, FA53566-12, FA53566-13, FA53566-14, FA53566-15, FA53566-16, FA53566-17, FA53566-18, FA53566-19, FA53566-20, FA53566-21, FA53566-22

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(\*\*) Corr. sample result = Raw \* (sample volume / final volume)

(anr) Analyte not requested

The results set forth herein are provided by SGS North America Inc.

**e-Hardcopy 2.0**  
*Automated Report*

## Technical Report for

### Pilot Travel Centers LLC

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

**27.222188.00**

**SGS Job Number:** FA53607

**Sampling Date:** 04/20/18



#### Report to:

**Environmental Compliance Services, INC.  
9874 Main St Suite 100  
Woodstock, GA 30188  
richard.stevens@atcassociates.com; donna.bass@atcassociates.com;  
mreid@pangean-cmd.com  
ATTN: Richard Stevens**

**Total number of pages in report: 43**



Test results contained within this data package meet the requirements  
of the National Environmental Laboratory Accreditation Program  
and/or state specific certification programs as applicable.

**Caitlin Brice, M.S.  
General Manager**

**Client Service contact: Muna Mohammed 407-425-6700**

**Certifications: FL(E83510), LA(03051), KS(E-10327), IL(200063), NC(573), NJ(FL002), NY(12022), SC(96038001)  
DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177),  
AK, AR, IA, KY, MA, MS, ND, NH, NV, OK, OR, UT, WA, WV**

**This report shall not be reproduced, except in its entirety, without the written approval of SGS.**

**Test results relate only to samples analyzed.**

# Table of Contents

-1-

<b>Section 1: Sample Summary .....</b>	<b>3</b>
<b>Section 2: Summary of Hits .....</b>	<b>4</b>
<b>Section 3: Sample Results .....</b>	<b>6</b>
<b>3.1: FA53607-1: MW-10 .....</b>	<b>7</b>
<b>3.2: FA53607-1F: MW-10 .....</b>	<b>10</b>
<b>3.3: FA53607-2: MW-11 .....</b>	<b>11</b>
<b>3.4: FA53607-2F: MW-11 .....</b>	<b>14</b>
<b>3.5: FA53607-3: MW-12 .....</b>	<b>15</b>
<b>3.6: FA53607-3F: MW-12 .....</b>	<b>18</b>
<b>3.7: FA53607-4: MW-13 .....</b>	<b>19</b>
<b>3.8: FA53607-4F: MW-13 .....</b>	<b>22</b>
<b>Section 4: Misc. Forms .....</b>	<b>23</b>
<b>4.1: Chain of Custody .....</b>	<b>24</b>
<b>Section 5: MS Volatiles - QC Data Summaries .....</b>	<b>26</b>
<b>5.1: Method Blank Summary .....</b>	<b>27</b>
<b>5.2: Blank Spike Summary .....</b>	<b>29</b>
<b>5.3: Matrix Spike/Matrix Spike Duplicate Summary .....</b>	<b>31</b>
<b>Section 6: MS Semi-volatiles - QC Data Summaries .....</b>	<b>33</b>
<b>6.1: Method Blank Summary .....</b>	<b>34</b>
<b>6.2: Blank Spike Summary .....</b>	<b>35</b>
<b>6.3: Matrix Spike/Matrix Spike Duplicate Summary .....</b>	<b>36</b>
<b>Section 7: Metals Analysis - QC Data Summaries .....</b>	<b>37</b>
<b>7.1: Prep QC MP33642: Ba,Co,Pb .....</b>	<b>38</b>

## Sample Summary

Pilot Travel Centers LLC

Job No: FA53607

PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Project No: 27.222188.00

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID	
FA53607-1	04/20/18	13:44 AY	04/21/18	AQ	Ground Water	MW-10
FA53607-1F	04/20/18	13:44 AY	04/21/18	AQ	Groundwater Filtered	MW-10
FA53607-2	04/20/18	12:40 AY	04/21/18	AQ	Ground Water	MW-11
FA53607-2F	04/20/18	12:40 AY	04/21/18	AQ	Groundwater Filtered	MW-11
FA53607-3	04/20/18	11:27 AY	04/21/18	AQ	Ground Water	MW-12
FA53607-3F	04/20/18	11:27 AY	04/21/18	AQ	Groundwater Filtered	MW-12
FA53607-4	04/20/18	15:36 AY	04/21/18	AQ	Ground Water	MW-13
FA53607-4F	04/20/18	15:36 AY	04/21/18	AQ	Groundwater Filtered	MW-13

**Summary of Hits**

Job Number: FA53607

Account: Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Collected: 04/20/18

Lab Sample ID Analyte	Client Sample ID Qual	Result/ RL	MDL	Units	Method
FA53607-1	MW-10				
1,4-Dioxane	2580	1000	380	ug/l	SW846 8260B
Barium	347	200	1.0	ug/l	SW846 6010C
Cobalt	13.1 J	50	0.20	ug/l	SW846 6010C
Lead	1.1 J	5.0	1.1	ug/l	SW846 6010C
FA53607-1F	MW-10				
Cobalt	13.0 J	50	0.20	ug/l	SW846 6010C
Lead	1.1 J	5.0	1.1	ug/l	SW846 6010C
FA53607-2	MW-11				
1,4-Dioxane	1020	200	75	ug/l	SW846 8260B
Barium	44.4 J	200	1.0	ug/l	SW846 6010C
Cobalt	99.3	50	0.20	ug/l	SW846 6010C
Lead	11.3	5.0	1.1	ug/l	SW846 6010C
FA53607-2F	MW-11				
Cobalt	96.8	50	0.20	ug/l	SW846 6010C
Lead	10.7	5.0	1.1	ug/l	SW846 6010C
FA53607-3	MW-12				
1,4-Dioxane	946	200	75	ug/l	SW846 8260B
Barium	55.1 J	200	1.0	ug/l	SW846 6010C
Cobalt	142	50	0.20	ug/l	SW846 6010C
Lead	36.0	5.0	1.1	ug/l	SW846 6010C
FA53607-3F	MW-12				
Cobalt	142	50	0.20	ug/l	SW846 6010C
Lead	31.9	5.0	1.1	ug/l	SW846 6010C
FA53607-4	MW-13				
1,4-Dioxane	2630	1000	380	ug/l	SW846 8260B
Methyl Tert Butyl Ether	0.29 J	1.0	0.23	ug/l	SW846 8260B
Barium	75.8 J	200	1.0	ug/l	SW846 6010C
Cobalt	10.4 J	50	0.20	ug/l	SW846 6010C
Lead	13.3	5.0	1.1	ug/l	SW846 6010C

**Summary of Hits**

Job Number: FA53607

Account: Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Collected: 04/20/18

Lab Sample ID	Client Sample ID	Result/ Analyte	Qual	RL	MDL	Units	Method
FA53607-4F	MW-13						
Cobalt		9.8 J		50	0.20	ug/l	SW846 6010C
Lead		7.6		5.0	1.1	ug/l	SW846 6010C

**Sample Results**

---

**Report of Analysis**

---

## Report of Analysis

Page 1 of 1

3

Client Sample ID:	MW-10	Date Sampled:	04/20/18
Lab Sample ID:	FA53607-1	Date Received:	04/21/18
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0102604.D	1	04/23/18 19:21	MM	n/a	n/a	VM4421
Run #2	M0102648.D	5	04/25/18 11:37	AB	n/a	n/a	VM4423

Purge Volume	
Run #1	5.0 ml
Run #2	5.0 ml

## VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	2580 <sup>a</sup>	1000	380	ug/l	
64-17-5	Ethyl Alcohol <sup>b</sup>	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	100%	79-125%
2037-26-5	Toluene-D8	104%	100%	85-112%
460-00-4	4-Bromofluorobenzene	101%	101%	83-118%

(a) Result is from Run# 2

(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

3

<b>Client Sample ID:</b>	MW-10	<b>Date Sampled:</b>	04/20/18
<b>Lab Sample ID:</b>	FA53607-1	<b>Date Received:</b>	04/21/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9I001284.D	1	04/27/18 13:03	NJ	04/26/18 12:30	OP69797	S9I47
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	47	9.4	ug/l	
	3&4-Methylphenol	ND	4.7	0.92	ug/l	
100-51-6	Benzyl Alcohol	ND	4.7	0.58	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	27%		14-67%
4165-62-2	Phenol-d5	15%		10-50%
118-79-6	2,4,6-Tribromophenol	104%		33-118%
4165-60-0	Nitrobenzene-d5	75%		42-108%
321-60-8	2-Fluorobiphenyl	86%		40-106%
1718-51-0	Terphenyl-d14	85%		39-121%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

3

<b>Client Sample ID:</b>	<b>MW-10</b>	<b>Date Sampled:</b>	<b>04/20/18</b>
<b>Lab Sample ID:</b>	<b>FA53607-1</b>	<b>Date Received:</b>	<b>04/21/18</b>
<b>Matrix:</b>	<b>AQ - Ground Water</b>	<b>Percent Solids:</b>	<b>n/a</b>
<b>Project:</b>	<b>PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA</b>		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	347	200	1.0	ug/l	1	04/24/18	04/24/18	LM	SW846 6010C <sup>1</sup>
Cobalt	13.1 J	50	0.20	ug/l	1	04/24/18	04/24/18	LM	SW846 6010C <sup>1</sup>
Lead	1.1 J	5.0	1.1	ug/l	1	04/24/18	04/24/18	LM	SW846 6010C <sup>1</sup>

(1) Instrument QC Batch: MA14846

(2) Prep QC Batch: MP33642

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

**Report of Analysis**

Page 1 of 1

32  
3

<b>Client Sample ID:</b>	<b>MW-10</b>	<b>Date Sampled:</b>	<b>04/20/18</b>
<b>Lab Sample ID:</b>	<b>FA53607-1F</b>	<b>Date Received:</b>	<b>04/21/18</b>
<b>Matrix:</b>	<b>AQ - Groundwater Filtered</b>	<b>Percent Solids:</b>	<b>n/a</b>
<b>Project:</b>	<b>PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA</b>		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	13.0 J	50	0.20	ug/l	1	04/24/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 J	5.0	1.1	ug/l	1	04/24/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14846

(2) Prep QC Batch: MP33642

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

**Report of Analysis**

Page 1 of 1

33  
3

**Client Sample ID:** MW-11  
**Lab Sample ID:** FA53607-2  
**Matrix:** AQ - Ground Water  
**Method:** SW846 8260B  
**Project:** PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0102649.D	1	04/25/18 12:07	AB	n/a	n/a	VM4423
Run #2							

Purge Volume	
Run #1	5.0 ml
Run #2	

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	1020	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

33  
3

<b>Client Sample ID:</b>	MW-11	<b>Date Sampled:</b>	04/20/18
<b>Lab Sample ID:</b>	FA53607-2	<b>Date Received:</b>	04/21/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	9I001293.D	1	04/27/18 16:54 NJ	04/26/18 12:30	OP69797	S9I47
Run #2						

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	47	9.4	ug/l	
	3&4-Methylphenol	ND	4.7	0.92	ug/l	
100-51-6	Benzyl Alcohol	ND	4.7	0.58	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	20%		14-67%
4165-62-2	Phenol-d5	13%		10-50%
118-79-6	2,4,6-Tribromophenol	66%		33-118%
4165-60-0	Nitrobenzene-d5	52%		42-108%
321-60-8	2-Fluorobiphenyl	60%		40-106%
1718-51-0	Terphenyl-d14	57%		39-121%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

33  
3

<b>Client Sample ID:</b>	MW-11	<b>Date Sampled:</b>	04/20/18
<b>Lab Sample ID:</b>	FA53607-2	<b>Date Received:</b>	04/21/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	44.4 J	200	1.0	ug/l	1	04/24/18	04/24/18	LM	SW846 6010C <sup>1</sup>
Cobalt	99.3	50	0.20	ug/l	1	04/24/18	04/24/18	LM	SW846 6010C <sup>1</sup>
Lead	11.3	5.0	1.1	ug/l	1	04/24/18	04/24/18	LM	SW846 6010C <sup>1</sup>

(1) Instrument QC Batch: MA14846

(2) Prep QC Batch: MP33642

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

**Report of Analysis**

Page 1 of 1

34  
3

<b>Client Sample ID:</b>	MW-11	<b>Date Sampled:</b>	04/20/18
<b>Lab Sample ID:</b>	FA53607-2F	<b>Date Received:</b>	04/21/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	96.8	50	0.20	ug/l	1	04/24/18	04/24/18	LM	SW846 6010C <sup>1</sup>
Lead	10.7	5.0	1.1	ug/l	1	04/24/18	04/24/18	LM	SW846 6010C <sup>1</sup>

(1) Instrument QC Batch: MA14846

(2) Prep QC Batch: MP33642

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

**Report of Analysis**

Page 1 of 1

3

<b>Client Sample ID:</b>	MW-12	<b>Date Sampled:</b>	04/20/18
<b>Lab Sample ID:</b>	FA53607-3	<b>Date Received:</b>	04/21/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0102606.D	1	04/23/18 20:19	MM	n/a	n/a	VM4421
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	946	200	75	ug/l	
64-17-5	Ethyl Alcohol <sup>a</sup>	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected      MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

3

<b>Client Sample ID:</b>	MW-12	<b>Date Sampled:</b>	04/20/18
<b>Lab Sample ID:</b>	FA53607-3	<b>Date Received:</b>	04/21/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	9I001289.D	10	04/27/18 15:11 NJ	04/26/18 12:30	OP69797	S9I47
Run #2						

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	470	94	ug/l	
	3&4-Methylphenol	ND	47	9.2	ug/l	
100-51-6	Benzyl Alcohol	ND	47	5.8	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	30%		14-67%
4165-62-2	Phenol-d5	22%		10-50%
118-79-6	2,4,6-Tribromophenol	103%		33-118%
4165-60-0	Nitrobenzene-d5	76%		42-108%
321-60-8	2-Fluorobiphenyl	91%		40-106%
1718-51-0	Terphenyl-d14	84%		39-121%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

35  
3

<b>Client Sample ID:</b>	MW-12	<b>Date Sampled:</b>	04/20/18
<b>Lab Sample ID:</b>	FA53607-3	<b>Date Received:</b>	04/21/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	55.1 J	200	1.0	ug/l	1	04/24/18	04/24/18	LM	SW846 6010C <sup>1</sup>
Cobalt	142	50	0.20	ug/l	1	04/24/18	04/24/18	LM	SW846 6010C <sup>1</sup>
Lead	36.0	5.0	1.1	ug/l	1	04/24/18	04/24/18	LM	SW846 6010C <sup>1</sup>

(1) Instrument QC Batch: MA14846

(2) Prep QC Batch: MP33642

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

**Report of Analysis**

Page 1 of 1

3.6  
3

<b>Client Sample ID:</b>	MW-12	<b>Date Sampled:</b>	04/20/18
<b>Lab Sample ID:</b>	FA53607-3F	<b>Date Received:</b>	04/21/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	142	50	0.20	ug/l	1	04/24/18	04/24/18	LM	SW846 6010C <sup>1</sup>
Lead	31.9	5.0	1.1	ug/l	1	04/24/18	04/24/18	LM	SW846 6010C <sup>1</sup>

(1) Instrument QC Batch: MA14846

(2) Prep QC Batch: MP33642

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

**Report of Analysis**

Page 1 of 1

37  
3

<b>Client Sample ID:</b>	MW-13	<b>Date Sampled:</b>	04/20/18
<b>Lab Sample ID:</b>	FA53607-4	<b>Date Received:</b>	04/21/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8260B		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0102607.D	1	04/23/18 20:48	MM	n/a	n/a	VM4421
Run #2	M0102650.D	5	04/25/18 12:35	AB	n/a	n/a	VM4423

Purge Volume	
Run #1	5.0 ml
Run #2	5.0 ml

**VOA Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	2630 <sup>a</sup>	1000	380	ug/l	
64-17-5	Ethyl Alcohol <sup>b</sup>	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.29	1.0	0.23	ug/l	J
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	102%	79-125%
2037-26-5	Toluene-D8	101%	100%	85-112%
460-00-4	4-Bromofluorobenzene	100%	103%	83-118%

(a) Result is from Run# 2

(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected      MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

<b>Client Sample ID:</b>	MW-13	<b>Date Sampled:</b>	04/20/18
<b>Lab Sample ID:</b>	FA53607-4	<b>Date Received:</b>	04/21/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Method:</b>	SW846 8270D SW846 3510C		
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	9I001290.D	10	04/27/18 15:36 NJ	04/26/18 12:30	OP69797	S9I47
Run #2						

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	470	94	ug/l	
	3&4-Methylphenol	ND	47	9.2	ug/l	
100-51-6	Benzyl Alcohol	ND	47	5.8	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	31%		14-67%
4165-62-2	Phenol-d5	16%		10-50%
118-79-6	2,4,6-Tribromophenol	103%		33-118%
4165-60-0	Nitrobenzene-d5	83%		42-108%
321-60-8	2-Fluorobiphenyl	84%		40-106%
1718-51-0	Terphenyl-d14	81%		39-121%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

**Report of Analysis**

Page 1 of 1

37  
3

<b>Client Sample ID:</b>	MW-13	<b>Date Sampled:</b>	04/20/18
<b>Lab Sample ID:</b>	FA53607-4	<b>Date Received:</b>	04/21/18
<b>Matrix:</b>	AQ - Ground Water	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Total Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	75.8 J	200	1.0	ug/l	1	04/24/18	04/24/18	LM	SW846 6010C <sup>1</sup>
Cobalt	10.4 J	50	0.20	ug/l	1	04/24/18	04/24/18	LM	SW846 6010C <sup>1</sup>
Lead	13.3	5.0	1.1	ug/l	1	04/24/18	04/24/18	LM	SW846 6010C <sup>1</sup>

(1) Instrument QC Batch: MA14846

(2) Prep QC Batch: MP33642

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

**Report of Analysis**

Page 1 of 1

3.8  
3

<b>Client Sample ID:</b>	MW-13	<b>Date Sampled:</b>	04/20/18
<b>Lab Sample ID:</b>	FA53607-4F	<b>Date Received:</b>	04/21/18
<b>Matrix:</b>	AQ - Groundwater Filtered	<b>Percent Solids:</b>	n/a
<b>Project:</b>	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

**Dissolved Metals Analysis**

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	9.8 J	50	0.20	ug/l	1	04/24/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	7.6	5.0	1.1	ug/l	1	04/24/18	04/24/18 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA14846

(2) Prep QC Batch: MP33642

RL = Reporting Limit  
 MDL = Method Detection Limit

U = Indicates a result < MDL  
 J = Indicates a result > = MDL but < RL

## Misc. Forms

### Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST

FA53607

PREM

## **ATC Chain Of Custody Record**

ATC Project Manager:				Billing Information		Incident Number (S&E ONLY)		DATE: _____																																																																																																	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pilot Travel Center LLC	5508 LONAS DRIVE	SAP or CRM# Number																																																																																																			
<input checked="" type="checkbox"/> Richard Stevens		<input type="checkbox"/>		KNOXVILLE, TENNESSEE 37909																																																																																																					
		<input type="checkbox"/>																																																																																																							
PROJECT ADDRESS (Street, City and State): 2990 Whitesville Rd LaGrange Georgia																																																																																																									
PROJECT CONTACT (Report to): Max Burmeister					CONSULTANT PROJECT NUMBER: PT 69 / 27.222188.00 00/1																																																																																																				
GROUP SERVICES LLC		4 Main Street, Suite 100		PROJECT ADDRESS (Street, City and State): 2990 Whitesville Rd LaGrange Georgia		CONSULTANT PROJECT NUMBER: PT 69 / 27.222188.00 00/1																																																																																																			
Woodstock, GA 30188		383 E-MAIL: richard.stevens@atcassociates.com		PROJECT CONTACT (Report to): Max Burmeister		CONSULTANT PROJECT NUMBER: PT 69 / 27.222188.00 00/1																																																																																																			
1383				SAMPLER NAME(S) (Print): <i>An Yum</i>				LAB USE ONLY																																																																																																	
REQUESTED ANALYSIS if more than one method is listed, circle one																																																																																																									
<table border="1"> <thead> <tr> <th>(8260) Bromochloromethane, Bromodichloromethane, Tert-butylbenzene, Chloroform, 1,4-Dioxane, Ethyl Alcohol, 2-Hexanone, 4-Methyl-2-pentanone, MTBE, 1,2,4- Trimethylbenzene, 1,3- Trimethylbenzene</th> <th>(8270) Benzolic Acid, 384- Methyl benol, Benzyl Alcohol</th> <th>(Total Metal 6010) Total Barium, Cobalt, Lead</th> <th>Method Specified <i>bisulfite</i></th> <th>Method Specified <i>Liquid Scintillation</i></th> <th>Container PID Readings or Laboratory Notes</th> </tr> </thead> <tbody> <tr> <td>4-29-18 13:44</td> <td>W</td> <td>X X</td> <td>X</td> <td>7</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>12:40</td> <td></td> <td>X X</td> <td>X</td> <td>7</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11:27</td> <td></td> <td>X X</td> <td>X</td> <td>7</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>15:36</td> <td></td> <td>X X</td> <td>X</td> <td>7</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>16:30</td> <td>Received by: (Signature) <i>Fed Ex</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Date:</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Received by: (Signature) <i>[Signature]</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Date:</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Received by: (Signature) <i>[Signature]</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Date:</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										(8260) Bromochloromethane, Bromodichloromethane, Tert-butylbenzene, Chloroform, 1,4-Dioxane, Ethyl Alcohol, 2-Hexanone, 4-Methyl-2-pentanone, MTBE, 1,2,4- Trimethylbenzene, 1,3- Trimethylbenzene	(8270) Benzolic Acid, 384- Methyl benol, Benzyl Alcohol	(Total Metal 6010) Total Barium, Cobalt, Lead	Method Specified <i>bisulfite</i>	Method Specified <i>Liquid Scintillation</i>	Container PID Readings or Laboratory Notes	4-29-18 13:44	W	X X	X	7	X	X	X					12:40		X X	X	7	X	X	X					11:27		X X	X	7	X	X	X					15:36		X X	X	7	X	X	X					16:30	Received by: (Signature) <i>Fed Ex</i>							Date:					Received by: (Signature) <i>[Signature]</i>							Date:					Received by: (Signature) <i>[Signature]</i>							Date:									
(8260) Bromochloromethane, Bromodichloromethane, Tert-butylbenzene, Chloroform, 1,4-Dioxane, Ethyl Alcohol, 2-Hexanone, 4-Methyl-2-pentanone, MTBE, 1,2,4- Trimethylbenzene, 1,3- Trimethylbenzene	(8270) Benzolic Acid, 384- Methyl benol, Benzyl Alcohol	(Total Metal 6010) Total Barium, Cobalt, Lead	Method Specified <i>bisulfite</i>	Method Specified <i>Liquid Scintillation</i>	Method Specified <i>bisulfite</i>	Method Specified <i>Liquid Scintillation</i>	Method Specified <i>bisulfite</i>	Method Specified <i>Liquid Scintillation</i>	Method Specified <i>bisulfite</i>	Method Specified <i>Liquid Scintillation</i>	Container PID Readings or Laboratory Notes																																																																																														
4-29-18 13:44	W	X X	X	7	X	X	X																																																																																																		
12:40		X X	X	7	X	X	X																																																																																																		
11:27		X X	X	7	X	X	X																																																																																																		
15:36		X X	X	7	X	X	X																																																																																																		
16:30	Received by: (Signature) <i>Fed Ex</i>							Date:																																																																																																	
	Received by: (Signature) <i>[Signature]</i>							Date:																																																																																																	
	Received by: (Signature) <i>[Signature]</i>							Date:																																																																																																	

DISTRIBUTION: White with final report; Green to Etc., Yellow and Pink to Client

## 53607: Chain of Custody

# SGS Sample Receipt Summary

Job Number: FA53607	Client: ATC	Project: 2990 WHITESVILLE RD.
Date / Time Received: 4/21/2018 10:45:00 AM	Delivery Method: FED EX	Airbill #'s: 1002241173010003281100813030118786
Therm ID: IR 1;		Therm CF: 0.4;
		# of Coolers: 1
Cooler Temps (Raw Measured) °C: Cooler 1: (2.6);		
Cooler Temps (Corrected) °C: Cooler 1: (3.0);		

<b>Cooler Information</b>		<b>Y or N</b>	<b>Sample Information</b>	<b>Y or N</b>	<b>N/A</b>
1. Custody Seals Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Sample labels present on bottles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Custody Seals Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Samples preserved properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Temp criteria achieved	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Sufficient volume/containers recvd for analysis:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Cooler temp verification	IR Gun		4. Condition of sample	Intact	
5. Cooler media	Ice (Bag)		5. Sample recvd within HT	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Trip Blank Information</b>		<b>Y or N</b>	6. Dates/Times/IDs on COC match Sample Label	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1. Trip Blank present / cooler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7. VOCs have headspace	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Trip Blank listed on COC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8. Bottles received for unspecified tests	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Type Of TB Received	<input type="checkbox"/>	<input type="checkbox"/>	9. Compositing instructions clear	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<b>W or S</b>	10. VOA Soil Kits/Jars received past 48hrs?	<input type="checkbox"/>	<input type="checkbox"/>
		<b>N/A</b>	11. % Solids Jar received?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			12. Residual Chlorine Present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## Misc. Information

Number of Enclos: 25-Gram \_\_\_\_\_ 5-Gram \_\_\_\_\_  
 Test Strip Lot #: pH 0-3 230315  
 Residual Chlorine Test Strip Lot #: \_\_\_\_\_

Number of 5035 Field Kits: \_\_\_\_\_  
 pH 10-12 219813A

Number of Lab Filtered Metals: 4  
 Other: (Specify) \_\_\_\_\_

Comments

SM001  
 Rev. Date 05/24/17

Technician: SHAYLAP

Date: 4/21/2018 10:45:00 A

Reviewer: SP

Date: 4/21/2018

**FA53607: Chain of Custody**

**Page 2 of 2**

**MS Volatiles****5****QC Data Summaries**

---

**Includes the following where applicable:**

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

## Method Blank Summary

Page 1 of 1

Job Number: FA53607

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM4421-MB	M0102590.D	1	04/23/18	MM	n/a	n/a	VM4421

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53607-1, FA53607-3, FA53607-4

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No. Surrogate Recoveries Limits

1868-53-7	Dibromofluoromethane	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	103%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

5.1.1  
5

## Method Blank Summary

Page 1 of 1

Job Number: FA53607

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM4423-MB	M0102645.D	1	04/25/18	AB	n/a	n/a	VM4423

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53607-1, FA53607-2, FA53607-4

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	75	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	

CAS No. Surrogate Recoveries Limits

1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	102%	83-118%

## Blank Spike Summary

Page 1 of 1

Job Number: FA53607

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM4421-BS	M0102589.D	1	04/23/18	MM	n/a	n/a	VM4421

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53607-1, FA53607-3, FA53607-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-97-5	Bromochloromethane	25	22.2	89	76-123
75-27-4	Bromodichloromethane	25	22.6	90	79-123
98-06-6	tert-Butylbenzene	25	21.0	84	80-133
67-66-3	Chloroform	25	22.9	92	80-124
123-91-1	1,4-Dioxane	500	388	78	48-146
64-17-5	Ethyl Alcohol	500	491	98	46-145
591-78-6	2-Hexanone	125	110	88	61-129
108-10-1	4-Methyl-2-pentanone (MIBK)	125	116	93	66-122
1634-04-4	Methyl Tert Butyl Ether	25	21.1	84	72-117
95-63-6	1,2,4-Trimethylbenzene	25	20.3	81	79-120
108-67-8	1,3,5-Trimethylbenzene	25	20.9	84	79-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

\* = Outside of Control Limits.

5.2.1  
5

**Blank Spike Summary**

Job Number: FA53607

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM4423-BS	M0102644.D	1	04/25/18	AB	n/a	n/a	VM4423

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53607-1, FA53607-2, FA53607-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-97-5	Bromochloromethane	25	23.9	96	76-123
75-27-4	Bromodichloromethane	25	24.8	99	79-123
98-06-6	tert-Butylbenzene	25	23.5	94	80-133
67-66-3	Chloroform	25	24.5	98	80-124
123-91-1	1,4-Dioxane	500	449	90	48-146
64-17-5	Ethyl Alcohol	500	476	95	46-145
591-78-6	2-Hexanone	125	112	90	61-129
108-10-1	4-Methyl-2-pentanone (MIBK)	125	113	90	66-122
1634-04-4	Methyl Tert Butyl Ether	25	23.3	93	72-117
95-63-6	1,2,4-Trimethylbenzene	25	22.8	91	79-120
108-67-8	1,3,5-Trimethylbenzene	25	23.7	95	79-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	103%	83-118%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA53607

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA53417-2MS	M0102597.D	200	04/23/18	MM	n/a	n/a	VM4421
FA53417-2MSD	M0102598.D	200	04/23/18	MM	n/a	n/a	VM4421
FA53417-2	M0102593.D	200	04/23/18	MM	n/a	n/a	VM4421

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53607-1, FA53607-3, FA53607-4

CAS No.	Compound	FA53417-2		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits Rec/RPD
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l	%		
74-97-5	Bromochloromethane	200	U	5000	4770	95	5000	4770	95	0	76-123/14
75-27-4	Bromodichloromethane	200	U	5000	5140	103	5000	5040	101	2	79-123/19
98-06-6	tert-Butylbenzene	200	U	5000	4750	95	5000	4640	93	2	80-133/16
67-66-3	Chloroform	200	U	5000	5170	103	5000	5030	101	3	80-124/15
123-91-1	1,4-Dioxane	40000	U	100000	90000	90	100000	84400	84	6	48-146/34
64-17-5	Ethyl Alcohol	40000	U	100000	111000	111	100000	110000	110	1	46-145/30
591-78-6	2-Hexanone	2000	U	25000	24500	98	25000	24100	96	2	61-129/18
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	25000	25300	101	25000	25400	102	0	66-122/16
1634-04-4	Methyl Tert Butyl Ether	200	U	5000	4540	91	5000	4680	94	3	72-117/14
95-63-6	1,2,4-Trimethylbenzene	200	U	5000	4660	93	5000	4520	90	3	79-120/18
108-67-8	1,3,5-Trimethylbenzene	200	U	5000	4800	96	5000	4730	95	1	79-120/19

CAS No.	Surrogate Recoveries	MS	MSD	FA53417-2	Limits
1868-53-7	Dibromofluoromethane	98%	101%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	101%	102%	79-125%
2037-26-5	Toluene-D8	98%	99%	102%	85-112%
460-00-4	4-Bromofluorobenzene	98%	99%	100%	83-118%

\* = Outside of Control Limits.

5.3.1  
5

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA53607

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA53616-5MS	M0102666.D	1	04/25/18	AB	n/a	n/a	VM4423
FA53616-5MSD	M0102667.D	1	04/25/18	AB	n/a	n/a	VM4423
FA53616-5	M0102654.D	1	04/25/18	AB	n/a	n/a	VM4423

The QC reported here applies to the following samples:

Method: SW846 8260B

FA53607-1, FA53607-2, FA53607-4

CAS No.	Compound	FA53616-5		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits Rec/RPD
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l	%		
74-97-5	Bromochloromethane	1.0	U	25	21.0	84	25	22.6	90	7	76-123/14
75-27-4	Bromodichloromethane	1.0	U	25	20.9	84	25	22.5	90	7	79-123/19
98-06-6	tert-Butylbenzene	1.0	U	25	20.4	82	25	22.5	90	10	80-133/16
67-66-3	Chloroform	1.0	U	25	22.0	88	25	23.2	93	5	80-124/15
123-91-1	1,4-Dioxane	200	U	500	355	71	500	440	88	21	48-146/34
64-17-5	Ethyl Alcohol	200	U	500	432	86	500	493	99	13	46-145/30
591-78-6	2-Hexanone	10	U	125	103	82	125	114	91	10	61-129/18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	125	105	84	125	118	94	12	66-122/16
1634-04-4	Methyl Tert Butyl Ether	1.0	U	25	19.7	79	25	20.6	82	4	72-117/14
95-63-6	1,2,4-Trimethylbenzene	1.0	U	25	19.7	79	25	21.4	86	8	79-120/18
108-67-8	1,3,5-Trimethylbenzene	1.0	U	25	20.2	81	25	22.5	90	11	79-120/19

CAS No.	Surrogate Recoveries	MS	MSD	FA53616-5	Limits
1868-53-7	Dibromofluoromethane	101%	100%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	99%	101%	79-125%
2037-26-5	Toluene-D8	97%	99%	99%	85-112%
460-00-4	4-Bromofluorobenzene	97%	101%	102%	83-118%

\* = Outside of Control Limits.

**MS Semi-volatiles****QC Data Summaries**

---

**Includes the following where applicable:**

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries



## Method Blank Summary

Page 1 of 1

Job Number: FA53607

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69797-MB	9I001282.D	1	04/27/18	NJ	04/26/18	OP69797	S9I47

The QC reported here applies to the following samples:

Method: SW846 8270D

FA53607-1, FA53607-2, FA53607-3, FA53607-4

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	0.98	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.61	ug/l	

CAS No.	Surrogate Recoveries	Limits
367-12-4	2-Fluorophenol	48%
4165-62-2	Phenol-d5	30%
118-79-6	2,4,6-Tribromophenol	110%
4165-60-0	Nitrobenzene-d5	88%
321-60-8	2-Fluorobiphenyl	95%
1718-51-0	Terphenyl-d14	101%

**Blank Spike Summary**

Job Number: FA53607

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69797-BS	9I001281.D	1	04/27/18	NJ	04/26/18	OP69797	S9I47

The QC reported here applies to the following samples:

Method: SW846 8270D

FA53607-1, FA53607-2, FA53607-3, FA53607-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	16.7	17	10-69
	3&4-Methylphenol	100	49.3	49	36-88
100-51-6	Benzyl Alcohol	50	29.4	59	46-94

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	37%	14-67%
4165-62-2	Phenol-d5	21%	10-50%
118-79-6	2,4,6-Tribromophenol	97%	33-118%
4165-60-0	Nitrobenzene-d5	81%	42-108%
321-60-8	2-Fluorobiphenyl	92%	40-106%
1718-51-0	Terphenyl-d14	97%	39-121%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA53607

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69797-MS	9I001297.D	5	04/27/18	NJ	04/26/18	OP69797	S9I47
OP69797-MSD	9I001298.D	5	04/27/18	NJ	04/26/18	OP69797	S9I47
FA53438-23	9I001296.D	5	04/27/18	NJ	04/26/18	OP69797	S9I47
FA53438-23	9I001300.D	10	04/27/18	NJ	04/26/18	OP69797	S9I47

The QC reported here applies to the following samples:

Method: SW846 8270D

FA53607-1, FA53607-2, FA53607-3, FA53607-4

CAS No.	Compound	FA53438-23		Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
		ug/l	Q								
65-85-0	Benzoic Acid	240 U	192	ND	0*	192	ND	0*	nc	10-69/39	
	3&4-Methylphenol	585 b	192		922	184* a	192	1060	255* a	14	36-88/28
100-51-6	Benzyl Alcohol	24 U	96.2	55.7	58	96.2	53.9	56	3	46-94/27	
CAS No.	Surrogate Recoveries	MS	MSD	FA53438-23		FA53438-23		Limits			
367-12-4	2-Fluorophenol	46%	43%	25%	25%	25%	25%	14-67%			
4165-62-2	Phenol-d5	30%	26%	13%	13%	13%	13%	10-50%			
118-79-6	2,4,6-Tribromophenol	97%	102%	101%	92%	92%	92%	33-118%			
4165-60-0	Nitrobenzene-d5	72%	75%	76%	72%	72%	72%	42-108%			
321-60-8	2-Fluorobiphenyl	80%	83%	81%	81%	81%	81%	40-106%			
1718-51-0	Terphenyl-d14	87%	91%	79%	80%	80%	80%	39-121%			

(a) Outside control limits due to high level in sample relative to spike amount.

(b) Result is from Run #2.

\* = Outside of Control Limits.

6.3.1  
6

**Metals Analysis****QC Data Summaries**

7

**Includes the following where applicable:**

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: FA53607  
Account: PILOTSS - Pilot Travel Centers LLC  
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33642  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date:

04/24/18

04/24/18

Metal	RL	IDL	MDL	MB raw	final	MB raw	final
Aluminum	200	14	14				
Antimony	6.0	1	1				
Arsenic	10	1.3	1.3				
Barium	200	1	1	-0.10	<200	0.10	<200
Beryllium	4.0	.2	.2				
Cadmium	5.0	.2	.2				
Calcium	1000	50	50				
Chromium	10	1	1				
Cobalt	50	.2	.2	-0.20	<50	-0.20	<50
Copper	25	1	1				
Iron	300	17	17				
Lead	5.0	1	1.1	-0.20	<5.0	0.60	<5.0
Magnesium	5000	35	35				
Manganese	15	.5	1				
Molybdenum	50	.3	.3				
Nickel	40	.4	.4				
Potassium	10000	200	200				
Selenium	10	2.4	2.9				
Silver	10	.7	.7				
Sodium	10000	500	500				
Strontium	10	.5	.5				
Thallium	10	1.1	1.4				
Tin	50	.9	1				
Titanium	10	.5	1				
Vanadium	50	.5	.6				
Zinc	20	3	4.4				

Associated samples MP33642: FA53607-1, FA53607-2, FA53607-3, FA53607-4, FA53607-1F, FA53607-2F, FA53607-3F, FA53607-4F

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

## MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA53607

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33642  
Matrix Type: AQUEOUSMethods: SW846 6010C  
Units: ug/l

Prep Date:

04/24/18

04/24/18

Metal	FA53439-2 Original DUP	RPD	QC Limits	FA53439-2 Original MS	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum							
Antimony							
Arsenic	anr						
Barium	50.7	52.8	4.1	0-20	50.7	2070	2000
Beryllium	anr						
Cadmium	anr						
Calcium	anr						
Chromium	anr						
Cobalt	0.0	0.0	NC	0-20	0.0	499	500
Copper							
Iron	anr						
Lead	0.0	0.0	NC	0-20	0.0	483	500
Magnesium	anr						
Manganese							
Molybdenum							
Nickel							
Potassium							
Selenium	anr						
Silver	anr						
Sodium	anr						
Strontium							
Thallium							
Tin							
Titanium							
Vanadium							
Zinc							

Associated samples MP33642: FA53607-1, FA53607-2, FA53607-3, FA53607-4, FA53607-1F, FA53607-2F, FA53607-3F, FA53607-4F

Results &lt; IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

## MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA53607

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33642  
Matrix Type: AQUEOUSMethods: SW846 6010C  
Units: ug/l

Prep Date:

04/24/18

Metal	FA53439-2 Original MSD	Spikelot MPFLICP2	MSD % Rec	MSD RPD	QC Limit
Aluminum					
Antimony					
Arsenic	anr				
Barium	50.7	2070	2000	101.0	0.0
Beryllium	anr				
Cadmium	anr				
Calcium	anr				
Chromium	anr				
Cobalt	0.0	496	500	99.2	0.6
Copper					
Iron	anr				
Lead	0.0	483	500	96.6	0.0
Magnesium	anr				
Manganese					
Molybdenum					
Nickel					
Potassium					
Selenium	anr				
Silver	anr				
Sodium	anr				
Strontium					
Thallium					
Tin					
Titanium					
Vanadium					
Zinc					

Associated samples MP33642: FA53607-1, FA53607-2, FA53607-3, FA53607-4, FA53607-1F, FA53607-2F, FA53607-3F, FA53607-4F

Results &lt; IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

7.1.2  
7

## SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA53607

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33642  
Matrix Type: AQUEOUSMethods: SW846 6010C  
Units: ug/l

Prep Date:

04/24/18

Metal	BSP Result	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium	2050	2000	102.5	80-120
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	517	500	103.4	80-120
Copper				
Iron	anr			
Lead	492	500	98.4	80-120
Magnesium	anr			
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	anr			
Silver	anr			
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP33642: FA53607-1, FA53607-2, FA53607-3, FA53607-4, FA53607-1F, FA53607-2F, FA53607-3F, FA53607-4F

Results &lt; IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

## SERIAL DILUTION RESULTS SUMMARY

Login Number: FA53607

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33642  
Matrix Type: AQUEOUSMethods: SW846 6010C  
Units: ug/l

Prep Date:

04/24/18

Metal	FA53439-2 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium	50.7	49.0	3.4	0-10
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	0.00	0.00	NC	0-10
Copper				
Iron	anr			
Lead	0.00	0.00	NC	0-10
Magnesium	anr			
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	anr			
Silver	anr			
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP33642: FA53607-1, FA53607-2, FA53607-3, FA53607-4, FA53607-1F, FA53607-2F, FA53607-3F, FA53607-4F

Results &lt; IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

## POST DIGESTATE SPIKE SUMMARY

Login Number: FA53607

Account: PILOTSS - Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP33642

Methods: SW846 6010C

Matrix Type: AQUEOUS

Units: ug/l

Prep Date:

04/24/18

Metal	Sample ml	Final ml	FA53439-2 Raw	PS Corr.**	Spike ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium	9.8	10	50.7	49.686	295.2	0.2	12.5	250	98.2	80-120
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt	9.8	10			49.4	0.2	2.5	50	98.8	80-120
Copper										
Iron										
Lead	9.8	10			46.9	0.2	2.5	50	93.8	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP33642: FA53607-1, FA53607-2, FA53607-3, FA53607-4, FA53607-1F, FA53607-2F, FA53607-3F, FA53607-4F

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(\*\*) Corr. sample result = Raw \* (sample volume / final volume)

(anr) Analyte not requested