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May 24, 2017

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. 3  
Pilot Wastewater Treatment Plant - LaGrange  
2990 Whitesville Road (Georgia State Highway 219)  
LaGrange, Troup County, Georgia  
HSI Site No. 10929  
ATC Project No. 27-222188.00/00**

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. 3 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**

Richard A. Stevens  
Project Manager

Max Burmeister  
Program Manager

Attachments

c: Joey Cupp, Pilot



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BUILDING SCIENCES • MATERIALS TESTING

## VOLUNTARY REMEDIATION PROGRAM SEMIANNUAL PROGRESS REPORT NO. 3

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**

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**May 24, 2017**

A handwritten signature in blue ink, appearing to read 'Richard Stevens', written over a horizontal line.

Richard Stevens  
Project Manager

A handwritten signature in blue ink, appearing to read 'Max Burmeister', written over a horizontal line.

Max Burmeister  
Program Manager

A handwritten signature in blue ink, appearing to read 'Kenneth Perignat', written over a horizontal line.

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

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## 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.

This Voluntary Remediation Program Semiannual Report No. 3 summarizes the results of the comprehensive gauging and groundwater sampling event, the surface water sampling, and the WWTP effluent sampling (along with upstream sampling) during this monitoring period.

## **2.0 ENVIRONMENTAL ACTIVITIES**

### **2.1 Liquid Level Monitoring**

Between March 7 and March 11, 2017, 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 March 2017 event, depth to groundwater was measured to have ranged from 2.41 feet below top of casing (BTOC) in monitoring well MW-12 to 7.18 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 March 7, 2017, 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 March 7 and 11, 2017. 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 March 2017 sampling event indicated that 1,4-dioxane concentrations were reported to exceed laboratory detection limits in monitoring wells MW-2, MW-4, MW-5, MW-7, MW-8, MW-9, MW-11 through MW-15, and PZ-1 through PZ-3, with concentrations ranging from 116 (J) micrograms per liter ( $\mu\text{g/L}$ ) in MW-7 to 25,500  $\mu\text{g/L}$  in MW-2. 1,4-dioxane was reported to be less than analytical detection limits in the surface water samples collected from Long Cane Creek. The two samples collected from the on-site retention pond reported a 1,4-dioxane concentration of 255  $\mu\text{g/L}$  in SW-5 and 286  $\mu\text{g/L}$  in SW-6. Total lead concentration reported in wells MW-12 (19.3  $\mu\text{g/L}$ ), PZ-2 (399  $\mu\text{g/L}$ ), and PZ-3 (41.7  $\mu\text{g/L}$ ) were reported to exceed the RRS value of 15  $\mu\text{g/L}$ . Dissolved lead concentration reported in well MW-12 (19.8  $\mu\text{g/L}$ ) was reported to exceed the RRS value of 15  $\mu\text{g/L}$ . 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 tert-Butylbenzene, 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 29 (WW Eff), and December 27, 2016, (WW Eff), January 27 (WW Eff), February 3 (WW1 and WW2), March 20 (WW Eff), and April 27, 2017, (WW1 and WW2). Note: the WWTP effluent is setup in which discharged water is directed to a sump, prior to being discharged to Long Cane Creek. Samples identified as WW Eff and WW2 are obtained from the sump; the sample identified as WW1 is obtained from the discharge pipe, prior to collection within 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 <0.15  $\mu\text{g/L}$  on April 27, 2017, to 25.0  $\mu\text{g/L}$  on March 20, 2017. The analytical reports for the effluent samples are included in **Attachment B**.

Additional samples were collected on February 3, 2017, to include the treatment plant outfall and at upstream locations, to determine the origin of the 1,4-dioxane compound. Samples on this day were collected downgradient of the Ryder facility (identified as sample SS2), at the Waffle House (SS3), and from the lift station at the Pilot facility (LS). The concentration of 1,4-dioxane from the SS2, SS3, and LS locations were all below detection limits; but, due to matrix interference at the lab, the detection limits for these samples was elevated at 15  $\mu\text{g/L}$ . As a result, samples were recollected from these locations on April 27, 2017. Concentrations of 1,4-dioxane were reported to be below detection limits in the SS2 sample, the SS3 sample, and the LS sample, at a detection limit of 0.15  $\mu\text{g/L}$ . Data for the analytical results are summarized in

**Table 5** and are shown on **Figure 5**. The analytical reports for the 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 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.

Semiannual sampling will continue at this facility with the next event scheduled to be completed in October 2017. The next semiannual progress report will be completed and submitted in November 2017. As delineation of the 1,4-dioxane plume has been delineated, ATC is currently assessing viable remedial strategies for use at the site. ATC will submit a Corrective Action Plan (CAP) providing a detailed remedial strategy and proposed duration to cleanup to the GEPD, prior to implementation.

## FIGURES

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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

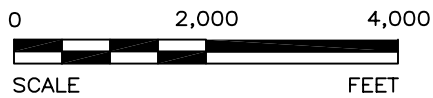


FIGURE TITLE:

**SITE LOCATION MAP**

DATE:

5-16-14

ADDRESS:

PILOT SITE NO. 69  
 2990 WHITESVILLE ROAD  
 LAGRANGE, GEORGIA

PROJECT NO.:

27-222188.00

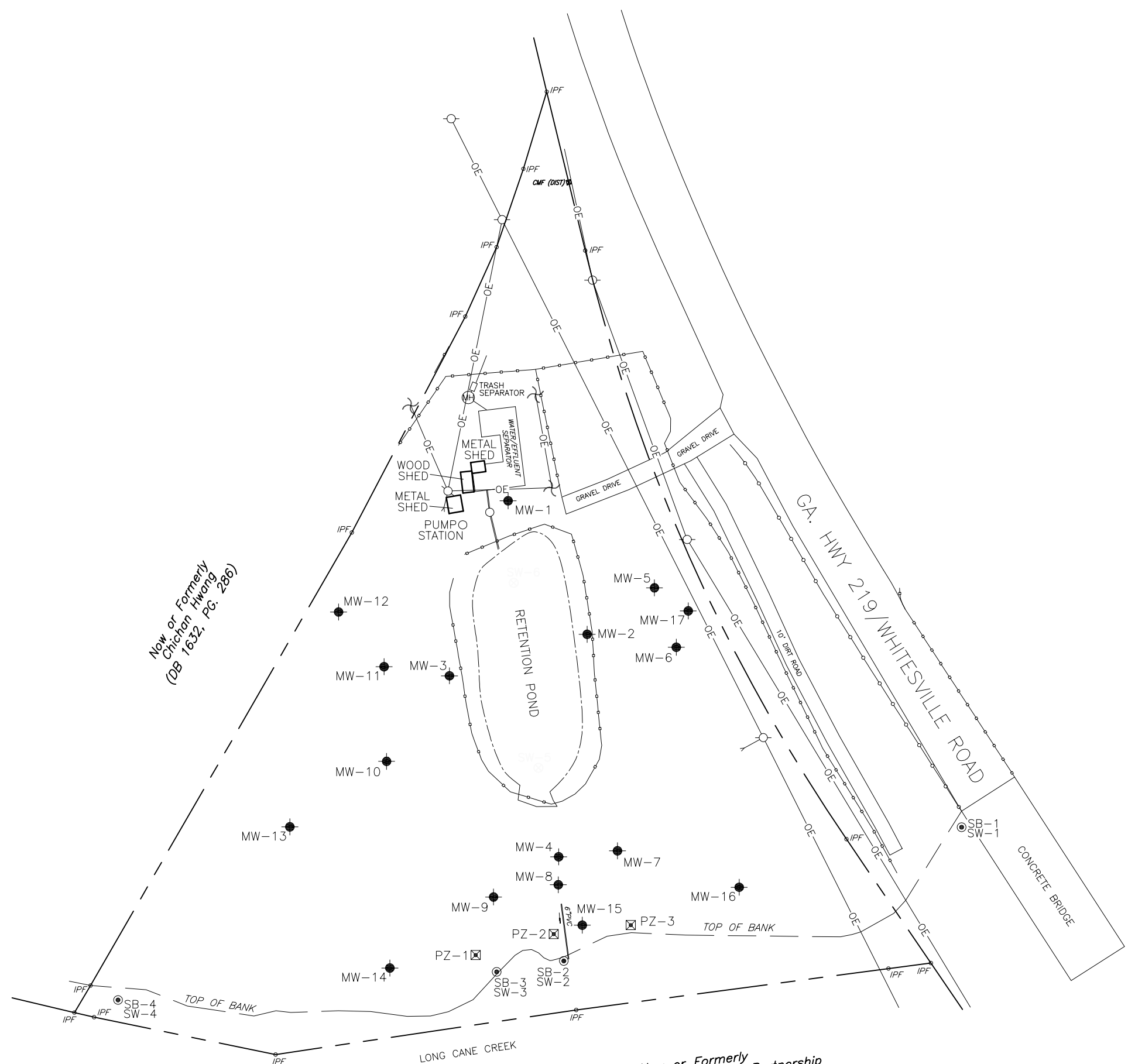
FIGURE:

1



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
- OVERHEAD ELECTRIC LINE
- POWER POLE
- ⌒ LIGHT POLE
- ⊕ MANHOLE

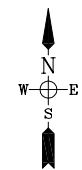


Now or Formerly  
Chichan Hwang  
(DB 1632, PG. 286)

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

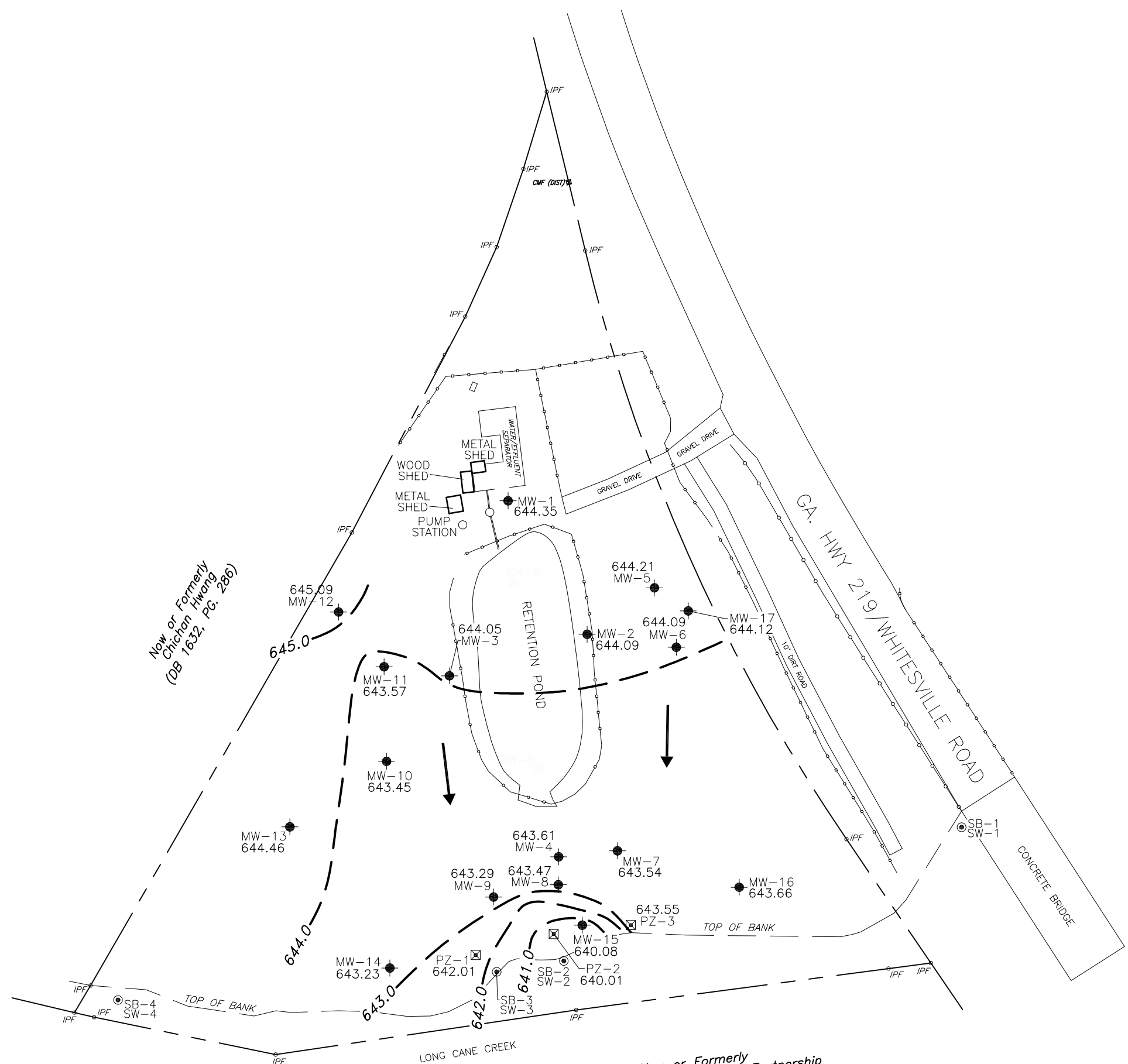
0 Approximate Feet 80

NAME/ADDRESS:	
<b>PILOT SITE NO. 69</b> 2990 WHITESVILLE ROAD LAGRANGE, GEORGIA	
DRAWING TITLE:	
<b>SITE MAP</b>	
	
9874 Main Street, Ste 100 Woodstock, Georgia (770) 926-8883 (770) 926-5383 FAX	
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CHECKED BY:	RS
PROJECT NO.	27-222188.00
FIGURE NO.	<b>2</b>



LEGEND

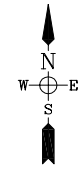
- MONITORING WELL LOCATION
- ⊠ PIEZOMETER WELL LOCATION
- ⊗ SURFACE WATER SAMPLE LOCATION
- ⊙ SOIL BORING LOCATION
- IPF IRON PIN FOUND
- PROPERTY LINE
- GUARD RAIL
- CHAIN LINK FENCE
- 644.21 GROUNDWATER ELEVATION IN FEET RELATIVE TO A COMMON DATUM
- 645.0 CONTOUR LINE OF ESTIMATED EQUAL GROUNDWATER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



Now or Formerly  
Chichan Hwang  
(DB 1632, PG. 286)

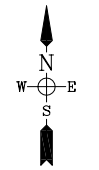
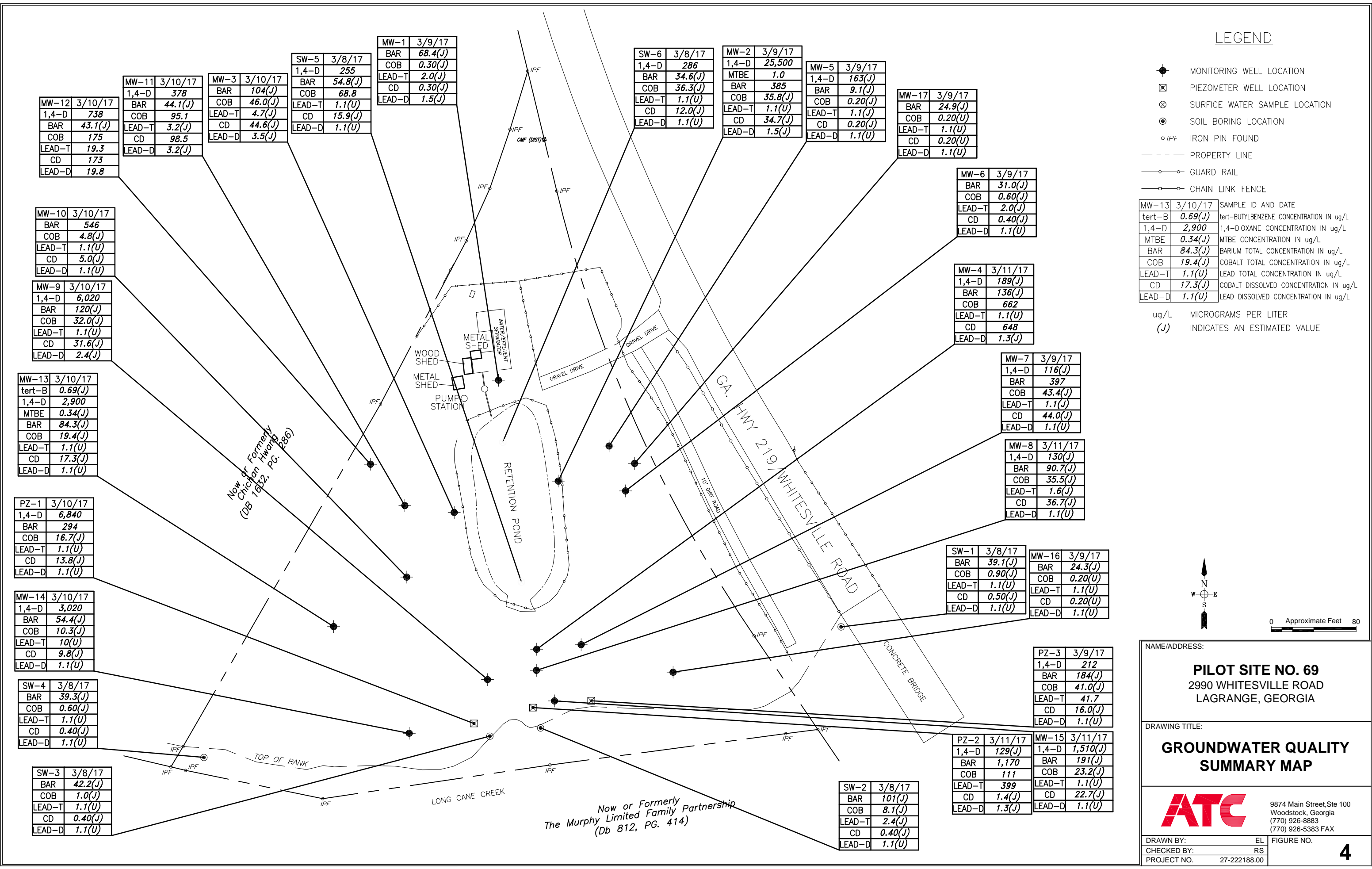
Now or Formerly  
The Murphy Limited Family Partnership  
(Db 812, PG. 414)

NAME/ADDRESS: <b>PILOT SITE NO. 69</b> 2990 WHITESVILLE ROAD LAGRANGE, GEORGIA	
DRAWING TITLE: <b>POTENTIOMETRIC SURFACE MAP for MARCH 7, 2017</b>	
<span style="font-size: small; vertical-align: middle; margin-left: 10px;">9874 Main Street, Ste 100 Woodstock, Georgia (770) 926-8883 (770) 926-5383 FAX</span>	
DRAWN BY: EL	FIGURE NO.
CHECKED BY: RS	<b>3</b>
PROJECT NO. 27-222188.00	



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
- | Sample ID | Date    | Parameter | Concentration (ug/L) |
|-----------|---------|-----------|----------------------|
| MW-13     | 3/10/17 | tert-B    | 0.69(J)              |
|           |         | 1,4-D     | 2,900                |
|           |         | MTBE      | 0.34(J)              |
|           |         | BAR       | 84.3(J)              |
|           |         | COB       | 19.4(J)              |
|           |         | LEAD-T    | 1.1(U)               |
|           |         | CD        | 17.3(J)              |
|           |         | LEAD-D    | 1.1(U)               |
- 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**

**ATC** 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

**4**

MW-12	3/10/17
1,4-D	738
BAR	43.1(J)
COB	175
LEAD-T	19.3
CD	173
LEAD-D	19.8

MW-11	3/10/17
1,4-D	378
BAR	44.1(J)
COB	95.1
LEAD-T	3.2(J)
CD	98.5
LEAD-D	3.2(J)

MW-3	3/10/17
BAR	104(J)
COB	46.0(J)
LEAD-T	4.7(J)
CD	44.6(J)
LEAD-D	3.5(J)

SW-5	3/8/17
1,4-D	255
BAR	54.8(J)
COB	68.8
LEAD-T	1.1(U)
CD	15.9(J)
LEAD-D	1.1(U)

MW-1	3/9/17
BAR	68.4(J)
COB	0.30(J)
LEAD-T	2.0(J)
CD	0.30(J)
LEAD-D	1.5(J)

SW-6	3/8/17
1,4-D	286
BAR	34.6(J)
COB	36.3(J)
LEAD-T	1.1(U)
CD	12.0(J)
LEAD-D	1.1(U)

MW-2	3/9/17
1,4-D	25,500
MTBE	1.0
BAR	385
COB	35.8(J)
LEAD-T	1.1(U)
CD	34.7(J)
LEAD-D	1.5(J)

MW-5	3/9/17
1,4-D	163(J)
BAR	9.1(J)
COB	0.20(J)
LEAD-T	1.1(J)
CD	0.20(J)
LEAD-D	1.1(U)

MW-17	3/9/17
BAR	24.9(J)
COB	0.20(U)
LEAD-T	1.1(U)
CD	0.20(U)
LEAD-D	1.1(U)

MW-6	3/9/17
BAR	31.0(J)
COB	0.60(J)
LEAD-T	2.0(J)
CD	0.40(J)
LEAD-D	1.1(U)

MW-4	3/11/17
1,4-D	189(J)
BAR	136(J)
COB	662
LEAD-T	1.1(U)
CD	648
LEAD-D	1.3(J)

MW-7	3/9/17
1,4-D	116(J)
BAR	397
COB	43.4(J)
LEAD-T	1.1(J)
CD	44.0(J)
LEAD-D	1.1(U)

MW-8	3/11/17
1,4-D	130(J)
BAR	90.7(J)
COB	35.5(J)
LEAD-T	1.6(J)
CD	36.7(J)
LEAD-D	1.1(U)

MW-10	3/10/17
BAR	546
COB	4.8(J)
LEAD-T	1.1(U)
CD	5.0(J)
LEAD-D	1.1(U)

MW-9	3/10/17
1,4-D	6,020
BAR	120(J)
COB	32.0(J)
LEAD-T	1.1(U)
CD	31.6(J)
LEAD-D	2.4(J)

MW-13	3/10/17
tert-B	0.69(J)
1,4-D	2,900
MTBE	0.34(J)
BAR	84.3(J)
COB	19.4(J)
LEAD-T	1.1(U)
CD	17.3(J)
LEAD-D	1.1(U)

PZ-1	3/10/17
1,4-D	6,840
BAR	294
COB	16.7(J)
LEAD-T	1.1(U)
CD	13.8(J)
LEAD-D	1.1(U)

MW-14	3/10/17
1,4-D	3,020
BAR	54.4(J)
COB	10.3(J)
LEAD-T	10(U)
CD	9.8(J)
LEAD-D	1.1(U)

SW-4	3/8/17
BAR	39.3(J)
COB	0.60(J)
LEAD-T	1.1(U)
CD	0.40(J)
LEAD-D	1.1(U)

SW-3	3/8/17
BAR	42.2(J)
COB	1.0(J)
LEAD-T	1.1(U)
CD	0.40(J)
LEAD-D	1.1(U)

SW-1	3/8/17
BAR	39.1(J)
COB	0.90(J)
LEAD-T	1.1(U)
CD	0.50(J)
LEAD-D	1.1(U)

MW-16	3/9/17
BAR	24.3(J)
COB	0.20(U)
LEAD-T	1.1(U)
CD	0.20(U)
LEAD-D	1.1(U)

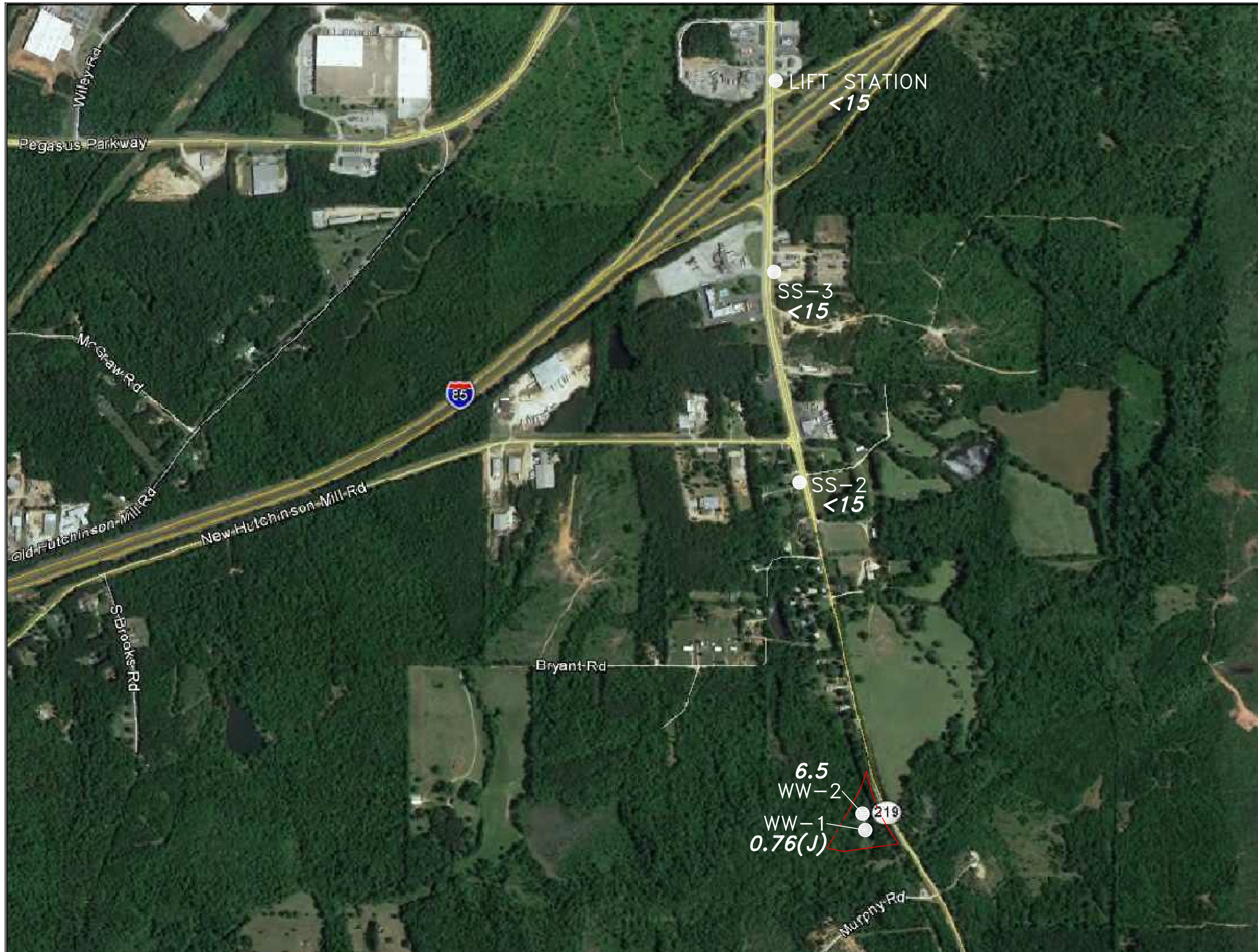
PZ-3	3/9/17
1,4-D	212
BAR	184(J)
COB	41.0(J)
LEAD-T	41.7
CD	16.0(J)
LEAD-D	1.1(U)

PZ-2	3/11/17
1,4-D	129(J)
BAR	1,170
COB	111
LEAD-T	399
CD	1.4(J)
LEAD-D	1.3(J)

MW-15	3/11/17
1,4-D	1,510(J)
BAR	191(J)
COB	23.2(J)
LEAD-T	1.1(U)
CD	22.7(J)
LEAD-D	1.1(U)

SW-2	3/8/17
BAR	101(J)
COB	8.1(J)
LEAD-T	2.4(J)
CD	0.40(J)
LEAD-D	1.1(U)

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



**LEGEND**

- - - SITE BOUNDARY
- SAMPLE LOCATION
- 1.6** 1,4-DIOXANE CONCENTRION IN ug/L
- ug/L MICROGRAMS PER LITER
- (J)** INDICATES AN ESTIMATED VALUE



0 Approximate Feet 800

NAME/ADDRESS:

**PILOT SITE NO. 69**  
 2990 WHITESVILLE ROAD  
 LAGRANGE, GEORGIA

DRAWING TITLE:

**WWTP UPSTREAM SAMPLING  
 SUMMARY (1,4-DIOXANE)**  
 for FEBRUARY 3, 2017

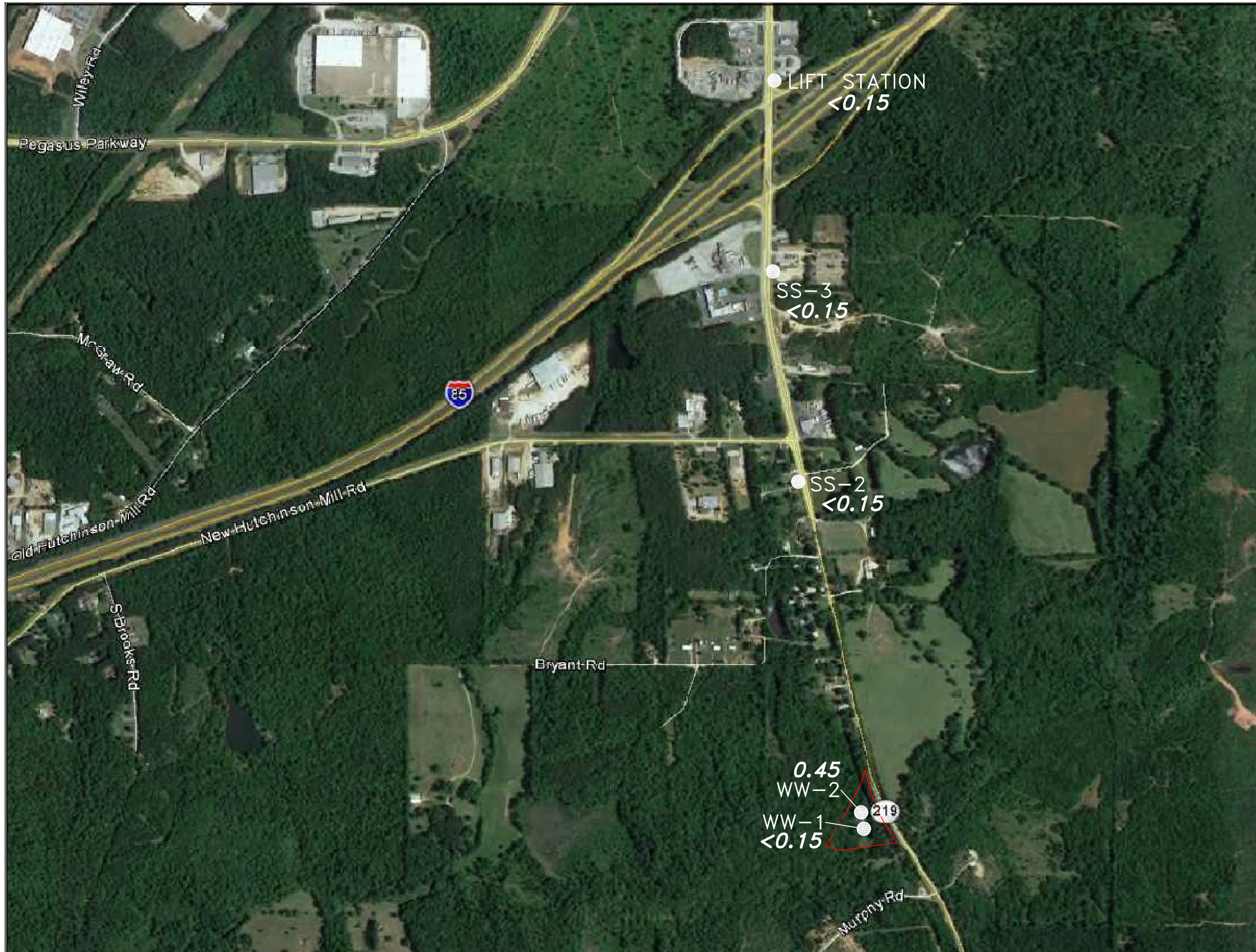


9874 Main Street, Ste 100  
 Woodstock, Georgia  
 (770) 926-8883  
 (770) 926-5383 FAX

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

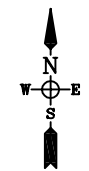
FIGURE NO.

**5**



**LEGEND**

- SITE BOUNDARY
- SAMPLE LOCATION
- 1.6 1,4-DIOXANE CONCENTRION IN ug/L
- ug/L MICROGRAMS PER LITER



0 Approximate Feet 800

NAME/ADDRESS:

**PILOT SITE NO. 69**  
 2990 WHITESVILLE ROAD  
 LAGRANGE, GEORGIA

DRAWING TITLE:

**WWTP UPSTREAM SAMPLING  
 SUMMARY (1,4-DIOXANE)**  
 for APRIL 27, 2017



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

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

FIGURE NO.



**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 (4-5 FT)	SB-4 (16-20 FT)	SB-5 6-8 (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	FA17292-4	FA17292-5	FA17292-6	FA17292-7	FA17292-8	FA17292-23
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	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
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
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
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
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
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
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
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
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
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
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
ter-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
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
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
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
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
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	<0.0031	<0.0039
2-Chloroethyl vinyl ether	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
Carbon disulfide	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	0.0027 J
Carbon tetrachloride	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
1,1-Dichloroethane	4.00	<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
1,1-Dichloroethylene	0.007	<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
1,1-Dichloropropene	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
1,2-Dibromo-3-chloropropane	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
1,2-Dibromoethane	0.01	<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
1,2-Dichloroethane	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
1,2-Dichloropropane	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
1,3-Dichloropropane	1000	<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
1,4-Dioxane	0.13	237	235	155	125	38.9	108	<0.15	0.344	5.79J	69.7	72.7	24.7	12.5	17.0	117	43.5	63.7	21.7 E	<0.016	0.874	2.96	49.1	1.06	0.581	0.539	0.467
2,2-Dichloropropane	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
Dibromochloromethane	1.63	<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
Dichlorodifluoromethane	1.49	<0.0057	<0.0045	<0.0059	<0.0047	<0.0043	<0.0045	<0.0038	<0.0045	<0.0041	<0.0038	<0.0045	<0.0034	<0.0034	<0.0044	<0.0048	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039
cis-1,2-Dichloroethylene	0.53	<0.38	<0.46	<0.44	<0.28	<0.27	<																				

**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-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)	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
		FA17292-24	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	FA 17720-2	FA 17720-3	FA 17720-4	FA 17720-5	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	8/6/14	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	0.0469	<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	<0.018	<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	<0.020	<0.047	<0.0061	<0.057	<0.047	NA	NA	NA	NA
Acrylonitrile	1.37	<0.018	<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	<0.020	<0.047	<0.0061	<0.057	<0.047	NA	NA	NA	NA
Benzene	0.02	<0.0035	<0.31	<0.0043	<0.0058	<0.0043	<0.0053	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<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	<0.0035	<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
Bromochloromethane	NE	<0.0035	<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
Bromodichloromethane	1.18	<0.0035	<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
Bromoform	1.00	<0.0035	<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
n-Butylbenzene	NE	<0.0035	<0.31	<0.0043	<0.0058	<0.0043	0.0106	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	0.0036 J	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	<0.00081	<0.00077	<0.0012	<0.00084
sec-Butylbenzene	NE	<0.0035	<0.31	<0.0043	<0.0058	<0.0043	0.0103	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<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	<0.0035	<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
Chlorobenzene	4.18	<0.0035	<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
Chloroethane	0.17	<0.0035	<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
Chloroform	0.68	<0.0035	<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
o-Chlorotoluene	NE	<0.0035	<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	0.0020 J	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	<0.00081	<0.00077	<0.0012	<0.00084
p-Chlorotoluene	NE	<0.0035	<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
2-Chloroethyl vinyl ether	NE	<0.018	<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	<0.021	<0.20	<0.020	<0.047	<0.0061	<0.057	<0.047	NA	NA	NA	NA
Carbon disulfide	NE	<0.0035	<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	<0.0058	<0.0048	0.0012	0.0068	<0.0046	0.0016	0.0018 J	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	<0.00081	<0.00077	<0.0012	<0.00084
Carbon tetrachloride	0.17	<0.0035	<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-Dichloroethane	4.00	<0.0035	<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-Dichloroethylene	0.007	<0.0035	<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-Dichloropropene	NE	<0.0035	<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-Dibromo-3-chloropropane	NE	<0.0035	<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-Dibromoethane	0.01	<0.0035	<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-Dichloroethane	0.02	<0.0035	<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-Dichloropropane	0.02	<0.0035	<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
1,3-Dichloropropane	1000	<0.0035	<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
1,4-Dioxane	0.13	0.285	43.3	0.0961 J	0.661	<0.17	0.792	<0.17	1.25	9.07																				

**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 (4-5 FT)	SB-4 (16-20 FT)	SB-5 6-8 (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
Lab Sample ID:																											
Date Sampled:																											
2-Hexanone	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	<0.19	<0.018	<0.029	<1.0	<0.022	<0.054	<0.016	<0.20
Hexachlorobutadiene	0.001	<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
Isopropylbenzene	21.88	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<b>0.138J</b>	<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	<b>0.006</b>
p-Isopropyltoluene	NE	<0.38	<0.46	<0.44	<0.28	<0.27	<b>3.34</b>	<0.0037	<0.0035	<b>0.0815J</b>	<0.27	<0.26	<b>0.282</b>	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<b>0.0020</b>	<0.20	<0.0043	<b>0.0068 J</b>	<0.0031	<b>0.03</b>
4-Methyl-2-pentanone	3.30	<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	<0.0078	<0.0071	<0.029	<1.0	<0.022	<0.054	<0.0031	<0.020
Methyl bromide	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
Methyl 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
Methylene bromide	1000.00	<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
Methylene chloride	0.08	<0.75	<0.92	<0.87	<0.56	<0.55	<0.60	<0.0075	<0.0070	<0.72	<0.55	<0.52	<0.53	<0.46	<0.56	<0.61	<0.56	<0.0095	<0.0089	<0.0039	<0.0036	<0.0059	<0.40	<0.0086	<0.021	<0.0062	<0.0078
Methyl ethyl ketone	2.00	<1.9	<2.3	<2.2	<1.4	<1.4	<1.5	<0.019	<b>0.0058J</b>	<1.8	<1.4	<1.3	<1.3	<1.2	<1.4	<1.5	<1.4	<b>0.0396</b>	<0.0222	<0.0039	<0.0036	<0.029	<1.0	<0.022	<b>0.101</b>	<b>0.0065 J</b>	<b>0.0167 J</b>
Methyl Tert Butyl Ether	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
Naphthalene	100.00	<b>0.329J</b>	<b>0.393J</b>	<0.44	<0.28	<0.27	<b>0.526</b>	<0.0037	<0.0035	<b>1.93</b>	<b>0.570</b>	<0.26	<b>0.684</b>	<0.23	<b>0.146J</b>	<0.31	<0.28	<b>0.0036J</b>	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<b>0.0345</b>
n-Propylbenzene	NE	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<b>0.0728J</b>	<b>0.0866J</b>	<0.26	<b>0.358</b>	<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	<b>0.0257</b>
Styrene	0.10	<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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
m,p-Xylene	20.00	<0.75	<0.92	<0.87	<0.56	<0.55	<0.60	<0.0075	<0.0070	<b>0.153J</b>	<b>0.152J</b>	<0.52	<b>0.229J</b>	<0.46	<0.56	<0.61	<0.56	<b>0.0053J</b>	<0.0089	<0.0078	<0.0071	<0.012	<0.40	<0.0086	<0.021	<0.0062	<b>0.0144</b>
o-Xylene	20.00	<0.38	<0.46	<0.44	<0.28	<0.27	<b>0.0715J</b>	<0.0037	<0.0035	<b>0.112J</b>	<b>0.0962J</b>	<0.26	<b>0.386</b>	<0.23	<0.28	<0.31	<0.28	<b>0.0025J</b>	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<b>0.0133</b>

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 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-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)	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
		FA17292-24	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	FA 17720-2	FA 17720-3	FA 17720-4	FA 17720-5	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	8/6/14	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
2-Hexanone	NE	<0.018	<1.5	<0.022	<b>0.0152</b>	<0.22	<0.026	<0.021	<0.023	<0.027	<0.017	<0.024	<0.024	<0.029	<0.024	<0.022	<b>0.0365</b>	<0.023	<0.018	<0.021	<0.020	<0.020	<0.047	<0.0061	<0.057	<0.047	<0.0071	<0.0067	<0.010	<0.0074
Hexachlorobutadiene	0.001	<0.0035	<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
Isopropylbenzene	21.88	<0.0035	<0.31	<0.0043	<0.0058	<0.0043	<b>0.0016 J</b>	<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
p-Isopropyltoluene	NE	<0.0035	<0.31	<0.0043	<0.0058	<0.0043	<b>0.0088</b>	<0.0042	<0.0046	<b>0.0017</b>	<0.0035	<0.0048	<0.0048	<b>0.0202</b>	<b>0.0491</b>	<b>0.0018 J</b>	<0.0051	<b>0.0072</b>	<b>0.0026</b>	<b>0.0022 J</b>	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	<0.00081	<0.00077	<0.0012	<0.00084
4-Methyl-2-pentanone	3.30	<0.018	<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	<b>0.0112</b>	<0.023	<0.018	<b>0.0063 J</b>	<0.020	<0.020	<b>0.511</b>	<b>0.593</b>	<b>0.851</b>	<b>0.438</b>	NA	NA	NA	NA
Methyl bromide	0.80	<0.0035	<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	<0.023	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA
Methyl chloride	0.04	<0.0035	<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	<0.023	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA
Methylene bromide	1000.00	<0.0035	<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	<0.023	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA
Methylene chloride	0.08	<0.0071	<0.31	<0.0087	<0.012	<0.0086	<0.011	<0.0042	<0.0093	<0.011	<0.0069	<0.0097	<0.0097	<0.0058	<0.0097	<0.0089	<0.010	<0.0093	<0.018	<0.0085	<0.0078	<0.0080	<0.019	<0.024	<b>0.0105 J</b>	<0.019	NA	NA	NA	NA
Methyl ethyl ketone	2.00	<0.018	<1.5	<0.022	<0.0058	<0.022	<0.026	<0.021	<0.023	<b>0.0287</b>	<0.017	<0.024	<b>0.0131 J</b>	<0.0058	<b>0.0147 J</b>	<b>0.0315</b>	<b>0.168</b>	<b>0.0458</b>	<0.0037	<b>0.0365</b>	<0.020	<b>0.0231</b>	<b>0.0894</b>	<b>0.0848</b>	<b>0.08874</b>	<b>0.0687</b>	NA	NA	NA	NA
Methyl Tert Butyl Ether	NE	<0.0035	<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
Naphthalene	100.00	<0.0035	<b>0.393</b>	<0.0043	<0.0058	<0.0043	<b>0.0158</b>	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	<b>0.016</b>	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA
n-Propylbenzene	NE	<0.0035	<0.31	<0.0043	<0.0058	<0.0043	<b>0.0050 J</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>0.0022 J</b>	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	<0.0010	<0.00095	<0.0015	<0.0010
Styrene	0.10	<0.0035	<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
1,1,1,2-Tetrachloroethane	0.07	<0.0035	<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	<0.0035	<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	<0.0035	<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	<0.0035	<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	<0.0035	<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	<0.0035	<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	<0.0035	<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>0.0011 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	<0.0035	<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	<0.0035	<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	<0.0035	<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	<0.0035	<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	<0.0035	<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	<0.0035	<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	&											

**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	4/25/2014	4/25/2014	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	<b>1.26J</b>	<b>0.899J</b>	<b>0.799J</b>	<2.1	<0.20	<4.2	<0.19	<0.19	<b>0.444J</b>	<b>0.693J</b>	<b>0.109J</b>	<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	<b>0.226J</b>	<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	<b>6.01</b>	<b>4.15</b>	<b>4.70</b>	<b>1.49J</b>	<0.20	<4.2	<0.19	<0.19	<b>0.417J</b>	<b>0.276J</b>	<0.40	<1.9	<1.9	<b>0.347J</b>	<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	<b>0.038</b>	<2.4	<2.2	<2.2	<2.1	<b>0.817</b>	<b>1.58J</b>	<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
Benzdine	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	< 0.022	< 0.020
Butyl benzyl phthalate	50.00	<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	< 0.044	< 0.039
Benzyl Alcohol	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	< 0.022	< 0.020
2-Chloronaphthalene	25.00	<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	< 0.026	< 0.023
4-Chloroaniline	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	< 0.022	< 0.020
Carbazole	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
Chrysene	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
bis(2-Chloroethoxy)methane	0.027	<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
bis(2-Chloroethyl)ether	0.60	<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
bis(2-Chloroisopropyl)ether	NE	<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	< 0.023	< 0.021
4-Chlorophenyl 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	< 0.033	< 0.029
1,2-Dichlorobenzene	25.00	<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
1,2-Diphenylhydrazine	7.20	<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	< 0.025	< 0.022
1,3-Dichlorobenzene	2.22	<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
1,4-Dichlorobenzene	6.84	<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-Dinitrotoluene	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	< 0.025	< 0.022
2,6-Dinitrotoluene	0.76	<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
3,3'-Dichlorobenzidine	25.00	<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
Dibenzo(a,h)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
Dibenzofuran	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	< 0.022	< 0.020
Di-n-butyl phthalate	13.70	<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	<b>1.19J</b>	<8.6	<8.6	<0.44	< 0.044	< 0.039
Di-n-octyl phthalate	50.00	<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	< 0.044	< 0.039

**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
Benzdine	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	< 0.21	< 0.019 a	< 0.023	< 0.021 a	< 0.021	< 0.021	< 0.023	< 0.021
Butyl benzyl phthalate	50.00	< 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
Benzyl Alcohol	NE	< 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-Chloronaphthalene	25.00	< 0.023	< 0.027	< 0.022	< 0.025	< 0.037	< 0.022	< 0.098	< 0.025	< 0.25	< 0.023	< 0.028	< 0.025	< 0.025	< 0.025	< 0.027	< 0.025
4-Chloroaniline	NE	< 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
Carbazole	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
Chrysene	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
bis(2-Chloroethoxy)methane	0.027	< 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
bis(2-Chloroethyl)ether	0.60	< 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
bis(2-Chloroisopropyl)ether	NE	< 0.020	< 0.024	< 0.019	< 0.022	< 0.032	< 0.019	< 0.085	< 0.022	< 0.22	< 0.020	< 0.024	< 0.022	< 0.022	< 0.022	< 0.024	< 0.022
4-Chlorophenyl phenyl ether	1000.00	< 0.028	< 0.034	< 0.027	< 0.032	< 0.046	< 0.027	< 0.12	< 0.031	< 0.31	< 0.029	< 0.035	< 0.031	< 0.032	< 0.031	< 0.034	< 0.031
1,2-Dichlorobenzene	25.00	< 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
1,2-Diphenylhydrazine	7.20	< 0.022	< 0.026	< 0.021	< 0.024	< 0.035	< 0.021	< 0.093	< 0.024	< 0.24	< 0.022	< 0.026	< 0.024	< 0.024	< 0.024	< 0.026	< 0.024
1,3-Dichlorobenzene	2.22	< 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
1,4-Dichlorobenzene	6.84	< 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-Dinitrotoluene	0.66	< 0.022	< 0.026	< 0.021	< 0.024	< 0.035	< 0.021	< 0.093	< 0.024	< 0.24	< 0.022	< 0.026	< 0.024	< 0.024	< 0.024	< 0.026	< 0.023
2,6-Dinitrotoluene	0.76	< 0.021	< 0.025	< 0.020	< 0.023	< 0.034	< 0.020	< 0.090	< 0.023	< 0.23	< 0.021	< 0.025	< 0.023	< 0.023	< 0.023	< 0.025	< 0.023
3,3'-Dichlorobenzidine	25.00	< 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
Dibenzo(a,h)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
Dibenzofuran	NE	< 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
Di-n-butyl phthalate	13.70	< 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
Di-n-octyl phthalate	50.00	< 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

**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	8/6/2014	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	<0.017	<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	<0.020	<0.021	NA	NA	NA	NA
Carbazole	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
Chrysene	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
bis(2-Chloroethoxy)methane	0.027	< 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
bis(2-Chloroethyl)ether	0.60	< 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
bis(2-Chloroisopropyl)ether	NE	< 0.020	< 0.023	< 0.021	< 0.018	< 0.018	< 0.021	< 0.018	< 0.018	<0.021	<0.022	<0.021	<0.022	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	1000.00	< 0.029	< 0.033	< 0.030	< 0.026	< 0.025	< 0.029	< 0.026	< 0.026	<0.030	<0.031	<0.030	<0.031	NA	NA	NA	NA
1,2-Dichlorobenzene	25.00	< 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
1,2-Diphenylhydrazine	7.20	< 0.022	< 0.025	< 0.023	< 0.020	< 0.019	< 0.022	< 0.020	< 0.019	<0.023	<0.024	<0.023	<0.024	NA	NA	NA	NA
1,3-Dichlorobenzene	2.22	< 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
1,4-Dichlorobenzene	6.84	< 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-Dinitrotoluene	0.66	< 0.022	< 0.025	< 0.023	< 0.020	< 0.019	< 0.022	< 0.020	< 0.019	<0.023	<0.024	<0.023	<0.024	NA	NA	NA	NA
2,6-Dinitrotoluene	0.76	< 0.021	< 0.024	< 0.022	< 0.019	< 0.019	< 0.022	< 0.019	< 0.019	<0.022	<0.023	<0.022	<0.023	NA	NA	NA	NA
3,3'-Dichlorobenzidine	25.00	< 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
Dibenzo(a,h)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
Dibenzofuran	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
Di-n-butyl phthalate	13.70	< 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
Di-n-octyl 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

**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	4/25/2014	4/25/2014	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  
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 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:  
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 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	8/6/2014	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 (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)
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	8/6/2014
Arsenic	20	<3.1 b	<2.5 b	<b>0.66</b>	<b>1.0 b</b>	<2.7 b	<1.8 b	<b>0.57</b>	<2.0 b	<1.9 b	<1.7 b	<8.2 b	<1.9 b	<1.9 b	<1.9 b	<2.6 b	<2.3 b	<b>0.74</b>	<5.1	<b>0.74</b>	<b>0.72</b>
Barium	1000	<63 b	<49 b	<b>34.3</b>	<b>40.2 b</b>	<b>61.2 b</b>	<b>44.1 b</b>	<b>31.3</b>	<b>52.6 b</b>	<b>54.5 b</b>	<b>42.6 b</b>	<160 b	<b>40.5 b</b>	<b>25.4</b>	<b>23.6</b>	<b>31.6</b>	<b>40.1</b>	<b>32.8</b>	<b>159</b>	<b>30</b>	<b>33</b>
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	<0.78 b	<0.74 b	<1.0 b	<0.92 b	<0.20	<2.0	<0.19	<0.2
Chromium	100	<b>19.1 b</b>	<b>20.8 b</b>	<b>12.9</b>	<b>13.5 b</b>	<b>10.4 b</b>	<b>10.8 b</b>	<b>5.6</b>	<b>2.6 b</b>	<b>4.4 b</b>	<b>11.0 b</b>	<b>8.4 b</b>	<b>14.9 b</b>	<b>9.0 b</b>	<b>10.5 b</b>	<b>21.4 b</b>	<b>16.9 b</b>	<b>6.8</b>	<b>15.1</b>	<b>5.2</b>	<b>12.3</b>
Cobalt	20	<b>71.2 b</b>	<12 b	<3.2	<b>7.3 b</b>	<13 b	<b>33.8 b</b>	<2.7	<10 b	<9.7 b	<8.4 b	<41 b	<b>12.8 b</b>	<9.7 b	<9.3 b	<b>65.2 b</b>	<11 b	<b>5.7</b>	<25	<2.4	<2.5
Lead	75	<b>15.7</b>	<b>10.9</b>	<b>7.1</b>	<b>9.1</b>	<b>9.6</b>	<b>6.0</b>	<b>8.6</b>	<b>5.0</b>	<b>6.8</b>	<b>7.1</b>	<b>10.7</b>	<b>14.7</b>	<b>6.7</b>	<b>6.4</b>	<b>13.2</b>	<b>12.6</b>	<b>11.7</b>	<b>19.8</b>	<b>6.9</b>	<b>8</b>
Mercury	0.5	<0.058	<0.052	<0.052	<b>0.057</b>	<0.050	<0.047	<0.046	<0.046	<0.046	<0.045	<0.046	<0.044	<0.047	<0.051	<b>0.054</b>	<0.048	<0.052	<b>0.059</b>	<0.045	<0.045
Nickle	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<20	<1.9	<b>3.1</b>
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	<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  
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	<0.056	<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  
 LaGrange, Troup County, Georgia

Client Sample ID:	Applicable Standard	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:	(mg/kg)	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	<b>0.65</b>	<b>1.9</b>	0.89	<b>0.73</b>	<1.4	<1.4	<1.1	<2.3	<1.2	<b>0.57</b>	NA	NA	NA	NA
Barium	1000	<b>182</b>	<b>23.3</b>	<b>38</b>	<b>19.7</b>	<b>19.6</b>	<b>54.9</b>	<b>54.8</b>	<b>34.4</b>	<b>54.5</b>	<b>36.8</b>	<b>17.8</b>	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	20	<24	<b>8.9</b>	<8.6	<b>16.8</b>	<b>15.6</b>	<b>256</b>	<b>11</b>	<5.7	<12	<6.0	<b>3.4</b>	<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	649.85		--	3.62	0.00	646.23
	10/11/16			--	7.32	0.00	642.53
	<b>03/07/17</b>			--	<b>5.50</b>	<b>0.00</b>	<b>644.35</b>
MW-2	08/15/14	101.60	2.0-10.0	--	10.20	0.00	91.40
	05/27/15	651.27		--	10.71	0.00	90.89
	03/28/16			--	8.03	0.00	643.24
	10/11/16			--	8.90	0.00	642.37
	<b>03/07/17</b>	--		<b>7.18</b>	<b>0.00</b>	<b>644.09</b>	
MW-3	08/15/14	100.38	2.0-10.0	--	8.52	0.00	91.86
	05/27/15	650.80		--	9.01	0.00	91.37
	03/28/16			--	5.82	0.00	644.98
	10/11/16			--	7.39	0.00	643.41
	<b>03/07/17</b>	--		<b>6.75</b>	<b>0.00</b>	<b>644.05</b>	
MW-4	08/15/14	96.76	2.0-10.0	--	6.09	0.00	90.67
	05/27/15	647.35		--	6.61	0.00	90.15
	03/28/16			--	3.40	0.00	643.95
	10/11/16			--	7.25	0.00	640.10
	<b>03/07/17</b>	--		<b>3.74</b>	<b>0.00</b>	<b>643.61</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
	<b>03/07/17</b>			--	<b>5.54</b>	<b>0.00</b>	<b>644.21</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
	<b>03/07/17</b>			--	<b>5.31</b>	<b>0.00</b>	<b>644.04</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
	<b>03/07/17</b>			--	<b>4.28</b>	<b>0.00</b>	<b>643.54</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
	<b>03/07/17</b>			--	<b>4.36</b>	<b>0.00</b>	<b>643.47</b>
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
	<b>03/07/17</b>			--	<b>4.51</b>	<b>0.00</b>	<b>643.29</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
	<b>03/07/17</b>			--	<b>4.64</b>	<b>0.00</b>	<b>643.45</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
	<b>03/07/17</b>			--	<b>3.92</b>	<b>0.00</b>	<b>643.57</b>
MW-12	10/11/16	647.50	2-10	--	8.42	0.00	639.08
	<b>03/07/17</b>			--	<b>2.41</b>	<b>0.00</b>	<b>645.09</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-13	10/11/16	647.59	2-10	--	8.59	0.00	639.00
	<b>03/07/17</b>			--	<b>3.13</b>	<b>0.00</b>	<b>644.46</b>
MW-14	10/11/16	647.80	2-10	--	7.49	0.00	640.31
	<b>03/07/17</b>			--	<b>4.57</b>	<b>0.00</b>	<b>643.23</b>
MW-15	10/11/16	645.42	2-10	--	8.25	0.00	637.17
	<b>03/07/17</b>			--	<b>5.34</b>	<b>0.00</b>	<b>640.08</b>
MW-16	10/11/16	650.10	2-10	--	10.08	0.00	640.02
	<b>03/07/17</b>			--	<b>6.44</b>	<b>0.00</b>	<b>643.66</b>
MW-17	10/11/16	648.99	2-10	--	9.00	0.00	639.99
	<b>03/07/17</b>			--	<b>4.87</b>	<b>0.00</b>	<b>644.12</b>
PZ-1	10/11/16	646.37	13-15	--	7.37	0.00	639.00
	<b>03/07/17</b>			--	<b>4.36</b>	<b>0.00</b>	<b>642.01</b>
PZ-2	10/11/16	644.94	13-15	--	7.70	0.00	637.24
	<b>03/07/17</b>			--	<b>4.93</b>	<b>0.00</b>	<b>640.01</b>
PZ-3	10/11/16	648.30	13-15	--	8.24	0.00	640.06
	<b>03/07/17</b>			--	<b>4.75</b>	<b>0.00</b>	<b>643.55</b>
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 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	
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	
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	8/25/2014	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	3/29/2016	3/28/2016
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
Acrolein	700	<20	<20	<20	<20	<25	<20	<20	<20	<20	<25	<100	<200	<500	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
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
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
Bromochloromethane	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.68 J	<1.0	<5.0	<10	<25	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Bromodichloromethane	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.49 J	<1.0	<5.0	<10	<25	8.3	<0.24	4.2	6.7	<0.24	<0.24	<0.24	<0.24
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
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
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
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
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
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
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
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
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
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	<25	<50	<130	NA	NA	NA	NA	NA	NA	NA	NA
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
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
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
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
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
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	<10	<20	<50	NA	NA	NA	NA	NA	NA	NA	NA
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
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
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
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
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
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	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	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
Dichlorodifluoromethane	1000	<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
cis-1,2-Dichloroethylene	70	<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
cis-1,3-Dichloropropene	2	<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
m-Dichlorobenzene	600	<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
o-Dichlorobenzene	600	<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
p-Dichlorobenzene	600	<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
trans-1,2-Dichloroethylene	100	<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
trans-1,3-Dichloropropene	2	<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
Ethylbenzene	700	<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
Ethyl Alcohol	NE	867	796	1490	2170	<1.0	0.47 J	<1.0	<1.0	0.45 J	<1.0	<5.0	<10	<25	<50	<50	<50	<50	<50	<50	<50	<50
2-Hexanone	NE	3.4J	2.6J	2.4J	<10	<10	<10	<10	18.2	<10	<10	<50	<100	<250	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Hexachlorobutadiene	1	<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
Isopropylbenzene	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

**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	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	
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	
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	8/25/2014	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	3/29/2016	3/28/2016
p-Isopropyltoluene	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
4-Methyl-2-pentanone	NE	<b>3.0J</b>	<b>3.1J</b>	<b>3.1J</b>	<b>1.3J</b>	<5.0	<b>2.4 J</b>	<b>1.0 J</b>	<b>9.7</b>	<1.0	<1.0	<5.0	<10	<25	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
Methyl bromide	10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA
Methyl chloride	3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA
Methylene bromide	400	<2.0	<2.0	<2.0	<2.0	<2.0	<b>0.6 J</b>	<2.0	<2.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone	2,000	<b>12.8</b>	<b>12.3</b>	<b>18.1</b>	<b>9.5</b>	<5.0	<b>3.3 J</b>	<b>2.0 J</b>	<b>19</b>	<b>8.5</b>	<5.0	<25	<50	<130	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether	NE	<b>1.5</b>	<b>1.2</b>	<b>0.80J</b>	<1.0	<1.0	<b>2.0</b>	<b>0.51 J</b>	<b>1.1</b>	<1.0	<1.0	<5.0	<10	<25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Naphthalene	20	<5.0	<b>1.3J</b>	<5.0	<b>1.8J</b>	<5.0	<b>2.2 J</b>	<5.0	<5.0	<5.0	<5.0	<25	<50	<130	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	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
Styrene	100	<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
1,1,1,2-Tetrachloroethane	7	<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
1,1,1-Trichloroethane	200	<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
1,1,2,2-Tetrachloroethane	1,030	<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
1,1,2-Trichloroethane	500	<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
1,2,3-Trichlorobenzene	70	<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
1,2,3-Trichloropropane	40	<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
1,2,4-Trichlorobenzene	7	<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
1,2,4-Trimethylbenzene	NE	<b>0.79J</b>	<b>1.1J</b>	<b>0.62J</b>	<b>0.74J</b>	<2.0	<b>1.2 J</b>	<2.0	<2.0	<2.0	<2.0	<10	<20	<50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,3,5-Trimethylbenzene	NE	<2.0	<b>0.24J</b>	<2.0	<2.0	<2.0	<b>0.45 J</b>	<2.0	<2.0	<2.0	<2.0	<10	<20	<50	<1.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Tetrachloroethylene	5	<1.0	<1.0	<1.0	<b>0.27J</b>	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1,000	<b>2.0</b>	<b>1.2</b>	<b>0.70J</b>	<b>0.83J</b>	<1.0	<b>7.8</b>	<b>0.42 J</b>	<b>7.6</b>	<b>16.1</b>	<1.0	<b>2.4 J</b>	<10	<25	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethylene	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
Trichlorofluoromethane	2,000	<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
Vinyl chloride	40	<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
Vinyl Acetate	510	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<50	<100	<250	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	10,000	<b>0.51J</b>	<b>0.62J</b>	<2.0	<b>0.48J</b>	<2.0	<b>0.72 J</b>	<2.0	<2.0	<2.0	<2.0	<10	<20	<50	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	10,000	<b>0.50J</b>	<b>0.65J</b>	<b>0.35J</b>	<b>0.35J</b>	<1.0	<b>0.75 J</b>	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	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 5**  
**GROUNDWATER ANALYTICAL RI**  
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	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	WW Eff	WW Eff 1	WW Eff 2	SS2	SS3	WW Eff 1	WW Eff 2
Lab Sample ID:		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	FA33411-1	FA33644-1	FA33644-2	FA33644-3	FA33644-4	FA34307-1	FA34307-2
Date Sampled:		3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/29/2016	2/18/2016	2/18/2016	3/18/2016	3/18/2016	4/22/2016	5/3/2016	5/3/2016	5/3/2016	5/3/2016	5/26/2016
Acetone	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10	<10	<10	<10	NA	NA	NA	NA	NA	NA	NA
Acrolein	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	<0.20	<0.20	<0.20	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	NE	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NE	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	<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	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NE	<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	NA	NA	NA	NA	NA	NA	NA
o-Chlorotoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Chlorotoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl vinyl ether	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.23	<0.23	<0.23	<0.23	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethylene	360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane	NE	64,600	1,250 (J)	1,630	1,180 (J)	<93	13,100	25,400	18,700	3,160	8,510	<0.30	<0.30	<0.30	<0.30	1.3	0.57 (J)	5.6	8.1	<30	1.0	4.0
2,2-Dichloropropane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethylene	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethylene	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.25	<0.25	<0.25	<0.25	NA	NA	NA	NA	NA	NA	NA
Ethyl Alcohol	NE	<50	<50	<50	<50	<50	<50	<50	<50	1,120	538	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE 5**  
**GROUNDWATER ANALYTICAL RI**  
 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	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	WW Eff	WW Eff 1	WW Eff 2	SS2	SS3	WW Eff 1	WW Eff 2	
Lab Sample ID:		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	FA33411-1	FA33644-1	FA33644-2	FA33644-3	FA33644-4	FA34307-1	FA34307-2	
Date Sampled:		3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/29/2016	2/18/2016	2/18/2016	3/18/2016	3/18/2016	4/22/2016	5/3/2016	5/3/2016	5/3/2016	5/3/2016	5/26/2016	5/26/2016
o-Isopropyltoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	NE	<b>2.1 (J)</b>	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	NA	NA	NA
Methyl bromide	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl chloride	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA	NA
Methylene bromide	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.6	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether	NE	<b>4.5</b>	<0.20	<0.20	<0.20	<0.20	<b>0.42 (J)</b>	<b>0.23 (J)</b>	<0.20	<b>0.22 (J)</b>	<0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	1,030	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NE	<b>0.30 (J)</b>	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NE	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	<0.20	<0.20	<0.20	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethylene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate	510	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<3.0	<3.0	<3.0	<3.0	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 5**  
**GROUNDWATER ANALYTICAL RI**  
 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	SS2	SS3	Lift Station	WW Eff	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	
Lab Sample ID:		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	FA37767-8	FA37767-9	FA37767-10	FA37767-11	FA37767-12	FA37767-13	
Date Sampled:		5/26/2016	5/26/2016	5/26/2016	6/30/2016	7/28/2016	8/26/2016	9/26/2016	10/28/2016	10/11/2016	10/11/2016	10/11/2016	10/11/2016	10/11/2016	10/11/2016	10/11/2016	10/12/2016	10/13/2016	10/13/2016	10/13/2016	10/12/2016	10/11/2016	10/12/2016
Acetone	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrolein	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<4.2	<0.42	<4.2	<4.2	<4.2	<0.42	<0.42	<0.42
Bromodichloromethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	<0.24	0.52 (J)	0.83 (J)	0.34 (J)	0.29 (J)	0.44 (J)	<2.4	0.32 (J)	<2.4	<2.4	0.47 (J)	<0.24	<0.24	
Bromoform	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<4.0	<0.40	<4.0	<4.0	<4.0	<0.40	<0.40	<0.40
Chlorobenzene	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NE	NA	NA	NA	NA	NA	NA	NA	NA	1.8	2.4	5.2	1.7	1.8	2.0	<3.0	1.9	<3.0	3.5 (J)	2.5	2.1	1.1	
o-Chlorotoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Chlorotoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl vinyl ether	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethylene	360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane	NE	1.6	3.4	1.2	2.8	2.2	1.5	1.7	0.78 (J)	<93	<93	<93	5,640	<93	<93	36,100	<93	18,200	9,840	<93	<93	3,370	
2,2-Dichloropropane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethylene	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethylene	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Alcohol	NE	NA	NA	NA	NA	NA	NA	NA	NA	<50	<50	<50	<50	<50	<50	<500	<50	<500	<500	<50	<50	<50	
2-Hexanone	NE	NA	NA	NA	NA	NA	NA	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<2.0	<20	<20	<2.0	<2.0	<2.0	
Hexachlorobutadiene	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE 5**  
**GROUNDWATER ANALYTICAL RI**  
 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	SS2	SS3	Lift Station	WW Eff	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	
Lab Sample ID:		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	FA37767-8	FA37767-9	FA37767-10	FA37767-11	FA37767-12	FA37767-13	
Date Sampled:		5/26/2016	5/26/2016	5/26/2016	6/30/2016	7/28/2016	8/26/2016	9/26/2016	10/28/2016	10/11/2016	10/11/2016	10/11/2016	10/11/2016	10/11/2016	10/11/2016	10/11/2016	10/12/2016	10/13/2016	10/13/2016	10/13/2016	10/12/2016	10/11/2016	10/12/2016
o-Isopropyltoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	NE	NA	NA	NA	NA	NA	NA	NA	NA	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
Methyl bromide	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl chloride	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene bromide	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether	NE	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	<0.20	<0.20	0.35 (J)	<0.20	<0.20	<2.0	<0.20	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20
Naphthalene	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	1,030	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20
1,3,5-Trimethylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.20	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20
Tetrachloroethylene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethylene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate	510	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	10,000																						

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 5**  
**GROUNDWATER ANALYTICAL RI**  
 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

Client Sample ID:	Applicable Standard µg/L	MW-14	MW-15	MW-16	MW-17	PZ-1	PZ-2	PZ-3	SW-1	SW-2	SW-4	SW-5	SW-6	SW-1	SW-2	SW-3	SW-4	WW Eff	WW Eff	WW Eff	WW1	
Lab Sample ID:		FA37767-14	FA37767-15	FA37767-16	FA37767-17	FA37767-18	FA37767-19	FA37767-20	FA37767-23	FA37767-24	FA37767-25	FA37767-21	FA37767-22	FA38405-1	FA38405-2	FA38405-3	FA38405-4	FA39098-1	FA39962-1	FA40816-1	FA40984-1	
Date Sampled:		10/12/2016	10/13/2016	10/12/2016	10/11/2016	10/12/2016	10/12/2016	10/12/2016	10/12/2016	10/13/2016	10/13/2016	10/13/2016	10/13/2016	10/13/2016	11/2/2016	11/2/2016	11/2/2016	11/2/2016	11/29/2016	12/27/2016	1/27/2017	2/3/2017
Acetone	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrolein	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	NE	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NE	0.75 (J)	0.27 (J)	0.42 (J)	0.46 (J)	0.48 (J)	<0.24	0.63 (J)	3.6	3.3	3.5	0.71 (J)	0.73 (J)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	0.41 (J)	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NE	4.2	1.8	2.7	2.7	2.2	1.9	3.0	16.9	17.5	18.0	3.7	4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Chlorotoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Chlorotoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl vinyl ether	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethylene	360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane	NE	3,320	383	11,300	2,340	4,360	4,920	5,510	97.1 (J)	<93	<93	4,110	3,050	<0.30	<0.30	<0.30	<0.30	16.2	7.6	17.6	0.76 (J)	
2,2-Dichloropropane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethylene	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethylene	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Alcohol	NE	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE 5**  
**GROUNDWATER ANALYTICAL RI**  
 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

Client Sample ID:	Applicable Standard µg/L	MW-14	MW-15	MW-16	MW-17	PZ-1	PZ-2	PZ-3	SW-1	SW-2	SW-4	SW-5	SW-6	SW-1	SW-2	SW-3	SW-4	WW Eff	WW Eff	WW Eff	WW1	
Lab Sample ID:		FA37767-14	FA37767-15	FA37767-16	FA37767-17	FA37767-18	FA37767-19	FA37767-20	FA37767-23	FA37767-24	FA37767-25	FA37767-21	FA37767-22	FA38405-1	FA38405-2	FA38405-3	FA38405-4	FA39098-1	FA39962-1	FA40816-1	FA40984-1	
Date Sampled:		10/12/2016	10/13/2016	10/12/2016	10/11/2016	10/12/2016	10/12/2016	10/12/2016	10/12/2016	10/13/2016	10/13/2016	10/13/2016	10/13/2016	10/13/2016	11/2/2016	11/2/2016	11/2/2016	11/2/2016	11/29/2016	12/27/2016	1/27/2017	2/3/2017
o-Isopropyltoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	NE	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl bromide	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl chloride	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene bromide	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether	NE	<0.20	<0.20	0.45 (J)	<0.20	0.28 (J)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.26 (J)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	1,030	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NE	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NE	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethylene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate	510	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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 5**  
**GROUNDWATER ANALYTICAL RI**  
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	WW2	SS2	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	
Lab Sample ID:		FA40984-2	FA40984-3	FA40984-4	FA40984-5	FA42055-1	FA42055-2	FA42055-3	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	
Date Sampled:		2/3/2017	2/3/2017	2/3/2017	2/3/2017	3/9/2017	3/9/2017	3/10/2017	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
Acetone	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrolein	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	NE	NA	NA	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
Bromodichloromethane	NE	NA	NA	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
Bromoform	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NA	NA	NA	NA	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	0.69 (J)	<0.31	<0.31	<0.31	<0.31
Chlorobenzene	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NE	NA	NA	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
o-Chlorotoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Chlorotoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl vinyl ether	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethylene	360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane	NE	6.5	<15	<15	<15	<75	25,500	<75	189 (J)	163 (J)	<75	116 (J)	130 (J)	6,020	<75	378	738	2,900	3,020	1,510 (J)	<75	<75
2,2-Dichloropropane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethylene	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethylene	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Alcohol	NE	NA	NA	NA	NA	<82	<82	<82	<82	<82	<82	<82	<82	<82	<82	<82	<82	<82	<82	<82	<82	<82
2-Hexanone	NE	NA	NA	NA	NA	<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
Hexachlorobutadiene	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE 5**  
**GROUNDWATER ANALYTICAL RI**  
 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	WW2	SS2	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	
Lab Sample ID:		FA40984-2	FA40984-3	FA40984-4	FA40984-5	FA42055-1	FA42055-2	FA42055-3	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	
Date Sampled:		2/3/2017	2/3/2017	2/3/2017	2/3/2017	3/9/2017	3/9/2017	3/10/2017	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
p-Isopropyltoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	NE	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl bromide	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl chloride	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene bromide	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether	NE	NA	NA	NA	NA	<0.23	1.0	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	0.34 (J)	<0.23	<0.23	<0.23
Naphthalene	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	1,030	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NE	NA	NA	NA	NA	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
1,3,5-Trimethylbenzene	NE	NA	NA	NA	NA	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
Tetrachloroethylene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethylene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate	510	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	10,000																					

**TABLE 5**  
**GROUNDWATER ANALYTICAL RI**  
 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	MW-17	PZ-1	PZ-2	PZ-3	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	WW Eff	WW1	WW2	SS2	SS3	LS
Lab Sample ID:		FA42055-16	FA42055-17	FA42055-18	FA42055-19	FA42055-20	FA42055-21	FA42055-22	FA42055-23	FA42055-24	FA42055-25	FA42232-1	FA43500-1	FA43500-2	FA43500-3	FA43500-4	FA43500-5
Date Sampled:		3/9/2017	3/10/2017	3/11/2017	3/9/2017	3/8/2017	3/8/2017	3/8/2017	3/8/2017	3/8/2017	3/8/2017	3/8/2017	3/20/2017	4/27/2017	4/27/2017	4/27/2017	4/27/2017
Acetone	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrolein	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	NE	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NE	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	NA	NA	NA	NA	NA	NA
Bromoform	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	NA	NA	NA	NA	NA	NA
Chlorobenzene	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NE	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	NA	NA	NA	NA	NA	NA
o-Chlorotoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Chlorotoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl vinyl ether	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethylene	360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane	NE	<75	6,840	129 (J)	212	<75	<75	<75	<75	255	286	25.0	<0.15	0.45	<0.15	<0.15	<0.15
2,2-Dichloropropane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethylene	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethylene	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Alcohol	NE	<82	<82	<82	<82	<82	<82	<82	<82	<82	<82	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE 5**  
**GROUNDWATER ANALYTICAL RI**  
 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	MW-17	PZ-1	PZ-2	PZ-3	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	WW Eff	WW1	WW2	SS2	SS3	LS
Lab Sample ID:		FA42055-16	FA42055-17	FA42055-18	FA42055-19	FA42055-20	FA42055-21	FA42055-22	FA42055-23	FA42055-24	FA42055-25	FA42232-1	FA43500-1	FA43500-2	FA43500-3	FA43500-4	FA43500-5
Date Sampled:		3/9/2017	3/10/2017	3/11/2017	3/9/2017	3/8/2017	3/8/2017	3/8/2017	3/8/2017	3/8/2017	3/8/2017	3/8/2017	3/20/2017	4/27/2017	4/27/2017	4/27/2017	4/27/2017
p-Isopropyltoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA
Methyl bromide	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl chloride	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene bromide	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether	NE	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	NA	NA	NA	NA	NA	NA
Naphthalene	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	1,030	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NE	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NE	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethylene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate	510	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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

Client Sample ID:	Applicable Standard	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
Lab Sample ID:	µg/L	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
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	8/25/2014	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
Benzoic Acid	NE	<190	<190	157J	<480	<47	<480	<480	<960	<190	<50	<1000	<200	<50	2.2 (J)	<11	<10	<10	<11	<11
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
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
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
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
2,4-Dinitrophenol	70	<94	<94	<240	<240	<24	<240	<240	<480	<94	<25	<500	<100	<25	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
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
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
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
4-Nitrophenol	NE	<94	<94	<240	<240	<24	<240	<240	<480	<94	<25	<500	<100	<25	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
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
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
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
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
Acenaphthylene	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	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
Anthracene	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.0002	<94	<94	<240	<240	<24	<240	<240	<480	<94	<25	<500	<25	<25	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.2	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	100	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	19.5	<5.0	<100	<20	<5.0	<0.070	<0.59	<0.56	<0.56	<0.62	<0.62
2-Chloronaphthalene	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
4-Chloroaniline	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
Carbazole	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
Chrysene	0.2	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	0.03	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	300	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	5	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	0.04	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.05	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
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
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
Dibenzofuran	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	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

Client Sample ID:	Applicable Standard	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
Lab Sample ID:	µg/L	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
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	8/25/2014	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
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
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
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
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
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
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
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
Hexachlorobenzene	1	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	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
Hexachlorocyclopentadiene	50	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	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
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
Isophorone	100	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	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
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
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
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
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
Naphthalene	20	<b>6.7J</b>	<b>5.8J</b>	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
Nitrobenzene	20	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	0.0007	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	0.0005	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	0.0002	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
Phenanthrene	NE	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
Pyrene	1,000	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
Pyridine	40	<38	<38	<96	<95	<9.4	<95	<95	<190	<38	<10	<200	<40	<10	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	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 6**  
**GROUNDWATER ANALYTICAL R**  
 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	MW-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
Lab Sample ID:	µg/L	FA32706-11	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
Date Sampled:		3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	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
Benzoic Acid	NE	<13	<11	<11	<9.5	<12	<11	<11	<11	<13	<13	<11	NA	NA	NA	NA	<10	<10	<10	<10	<10	<10
2-Chlorophenol	NE	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	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	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	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.57	<0.56	<0.55	<0.57	NA	NA	NA	NA	NA	NA
3&4-Methylphenol	NE	<1.3	<1.2	<1.1	<1.0	<1.2	<1.2	<1.2	<1.2	<1.4	<1.3	<1.2	NA	NA	NA	NA	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
2-Nitrophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.49	<0.48	<0.48	<0.50	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	4,000	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aniline	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	0.0002	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	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	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	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	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	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	NE	<0.70	<0.62	<0.59	<0.53	<0.65	<0.62	<0.62	<0.62	<0.74	<0.70	<0.62	NA	NA	NA	NA	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
2-Chloronaphthalene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	0.2	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE 6**  
**GROUNDWATER ANALYTICAL R**  
 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	MW-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
Lab Sample ID:	µg/L	FA32706-11	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
Date Sampled:		3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	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
Di-n-butyl phthalate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	0.0005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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 6**  
**GROUNDWATER ANALYTICAL R**  
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	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	SW-6	MW-1	MW-2
Lab Sample ID:	µg/L	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	FA37767-23	FA37767-24	FA37767-25	FA37767-21	FA37767-22	FA42055-1	FA42055-2
Date Sampled:		10/12/2016	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	10/11/2016	10/12/2016	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
Benzoic Acid	NE	<10	<12	<11	<11	<10	<10	<10	<10	<14	<10	<10	<10	<10	<10	<10	<9.9	<9.6	<11	<11	<38	<38
2-Chlorophenol	NE	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	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	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	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NE	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	<1.1	<1.2	<1.1	<1.2	<1.1	<1.1	<1.1	<1.1	<1.5	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.0	<1.0	<1.2	<1.2	<3.8	<3.8
2-Nitrophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	4,000	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aniline	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	0.0002	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	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	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	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	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	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	NE	<0.56	<0.65	<0.59	<0.62	<0.56	<0.56	<0.56	<0.56	<0.79	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.55	<0.53	<0.62	<0.62	<2.4	<2.4
2-Chloronaphthalene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	0.2	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE 6**  
**GROUNDWATER ANALYTICAL R**  
 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	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	SW-6	MW-1	MW-2
Lab Sample ID:	µg/L	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	FA37767-23	FA37767-24	FA37767-25	FA37767-21	FA37767-22	FA42055-1	FA42055-2
Date Sampled:		10/12/2016	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	10/11/2016	10/12/2016	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
Di-n-butyl phthalate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	0.0005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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 6**  
**GROUNDWATER ANALYTICAL R**  
Semi-Volatile Organic Compounds  
Results reported in µg/L

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

Client Sample ID: Lab Sample ID: Date Sampled:	Applicable Standard µg/L	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
		FA42055-3	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
		3/10/2017	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
Benzoic Acid	NE	<38	<40	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<38	<40	<38	<38	<38	<38	<38	<38
2-Chlorophenol	NE	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	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	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	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NE	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	<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	<3.9	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8
2-Nitrophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	4,000	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aniline	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	0.0002	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	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	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	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	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	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	NE	<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	<2.5	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
2-Chloronaphthalene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	0.2	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE 6**  
**GROUNDWATER ANALYTICAL R**  
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	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
Lab Sample ID:	µg/L	FA42055-3	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
Date Sampled:		3/10/2017	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	3/11/2017	3/9/2017	3/9/2017	3/10/2017	3/11/2017	3/9/2017	3/8/2017	3/8/2017	3/8/2017
Di-n-butyl phthalate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	0.0005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

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

Client Sample ID: Lab Sample ID: Date Sampled:	Applicable Standard µg/L	SW-4	SW-5	SW-6
		FA42055-23 3/8/2017	FA42055-24 3/8/2017	FA42055-25 3/8/2017
Benzoic Acid	NE	<38	<38	<38
2-Chlorophenol	NE	NA	NA	NA
4-Chloro-3-methyl phenol	NE	NA	NA	NA
2,4-Dichlorophenol	20	NA	NA	NA
2,4-Dimethylphenol	700	NA	NA	NA
2,4-Dinitrophenol	70	NA	NA	NA
4,6-Dinitro-o-cresol	NE	NA	NA	NA
2-Methylphenol	NE	NA	NA	NA
3&4-Methylphenol	NE	<3.8	<3.8	<3.8
2-Nitrophenol	NE	NA	NA	NA
4-Nitrophenol	NE	NA	NA	NA
Pentachlorophenol	1	NA	NA	NA
Phenol	4,000	NA	NA	NA
2,4,5-Trichlorophenol	4,000	NA	NA	NA
2,4,6-Trichlorophenol	30	NA	NA	NA
Acenaphthene	2,000	NA	NA	NA
Acenaphthylene	NE	NA	NA	NA
Aniline	6	NA	NA	NA
Anthracene	NE	NA	NA	NA
Benzidine	0.0002	NA	NA	NA
Benzo(a)anthracene	0.01	NA	NA	NA
Benzo(a)pyrene	0.2	NA	NA	NA
Benzo(b)fluoranthene	0.2	NA	NA	NA
Benzo(g,h,i)perylene	NE	NA	NA	NA
Benzo(k)fluoranthene	NE	NA	NA	NA
4-Bromophenyl phenyl ether	NE	NA	NA	NA
Butyl benzyl phthalate	100	NA	NA	NA
Benzyl Alcohol	NE	<2.4	<2.4	<2.4
2-Chloronaphthalene	NE	NA	NA	NA
4-Chloroaniline	NE	NA	NA	NA
Carbazole	NE	NA	NA	NA
Chrysene	0.2	NA	NA	NA
bis(2-Chloroethoxy)methane	NE	NA	NA	NA
bis(2-Chloroethyl)ether	0.03	NA	NA	NA
bis(2-Chloroisopropyl)ether	300	NA	NA	NA
4-Chlorophenyl phenyl ether	NE	NA	NA	NA
1,2-Dichlorobenzene	5	NA	NA	NA
1,2-Diphenylhydrazine	0.04	NA	NA	NA
1,3-Dichlorobenzene	NE	NA	NA	NA
1,4-Dichlorobenzene	NE	NA	NA	NA
2,4-Dinitrotoluene	0.05	NA	NA	NA
2,6-Dinitrotoluene	NE	NA	NA	NA
3,3'-Dichlorobenzidine	0.08	NA	NA	NA
Dibenzo(a,h)anthracene	0.3	NA	NA	NA
Dibenzofuran	NE	NA	NA	NA

**TABLE 6**  
**GROUNDWATER ANALYTICAL R**  
 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	SW-4	SW-5	SW-6
Lab Sample ID:		FA42055-23	FA42055-24	FA42055-25
Date Sampled:		3/8/2017	3/8/2017	3/8/2017
Di-n-butyl phthalate	NE	NA	NA	NA
Di-n-octyl phthalate	700	NA	NA	NA
Diethyl phthalate	5,000	NA	NA	NA
Dimethyl phthalate	400,000	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NE	NA	NA	NA
Fluoranthene	1,000	NA	NA	NA
Fluorene	1,000	NA	NA	NA
Hexachlorobenzene	1	NA	NA	NA
Hexachlorobutadiene	1	NA	NA	NA
Hexachlorocyclopentadiene	50	NA	NA	NA
Hexachloroethane	1	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.4	NA	NA	NA
Isophorone	100	NA	NA	NA
1-Methylnaphthalene	NE	NA	NA	NA
2-Methylnaphthalene	NE	NA	NA	NA
2-Nitroaniline	NE	NA	NA	NA
3-Nitroaniline	NE	NA	NA	NA
4-Nitroaniline	NE	NA	NA	NA
Naphthalene	20	NA	NA	NA
Nitrobenzene	20	NA	NA	NA
N-Nitrosodimethylamine	0.0007	NA	NA	NA
N-Nitroso-di-n-propylamine	0.0005	NA	NA	NA
N-Nitrosodiphenylamine	0.0002	NA	NA	NA
Phenanthrene	NE	NA	NA	NA
Pyrene	1,000	NA	NA	NA
Pyridine	40	NA	NA	NA
1,2,4-Trichlorobenzene	70	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	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	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	3/29/2016
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	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	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	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	NA
Nickle Total	100	<10	<10	<10	<10	<40	<40	<40	<40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium Total	50	<10	<10	<10	<10	<10	<40	<10	<10	2.9 U	6.5 J	6.4 J	7.3 J	NA	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	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	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	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	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	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	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	<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	NA
Nickle Dissolved	100	NA	NA	NA	NA	<40	<40	<40	<40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium Dissolved	50	NA	NA	NA	NA	<10	<40	<10	<20	3.6 J	7.7 J	4.8 J	15.1	NA	NA	NA	NA	NA	NA	NA	NA
Silver Dissolved	100	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	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 F**  
 Total and Dissolved Metals  
 Results reported in µg/L

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

Client Sample ID:	Applicable Standard	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:	µg/L	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:		3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	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	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium Total	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt Total	NE	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickle Total	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium Total	50	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
Arsenic Dissolved	10	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
Cadmium Dissolved	5	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
Cobalt Dissolved	NE	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	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)	1.9 (J)	1.1 (J)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	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
Nickle Dissolved	100	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
Silver Dissolved	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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 F**  
 Total and Dissolved Metals  
 Results reported in µg/L

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

Client Sample ID:	Applicable Standard	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:	µg/L	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:		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	10/11/2016	10/12/2016	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	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chromium Total	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cobalt Total	NE	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	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)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	2.0 (J)	1.1 (U)	4.7 (J)
Mercury Total	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nickle Total	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Selenium Total	50	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	
Arsenic Dissolved	10	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	
Cadmium Dissolved	5	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	
Cobalt Dissolved	NE	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	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.5 (J)	1.5 (J)	3.5 (J)
Mercury Dissolved	2	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	
Selenium Dissolved	50	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	

Notes:  
 µg/L: micrograms per liter  
 Bold: Values in bold exceed the Laboratory detection limit  
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 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.  
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 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 F**  
 Total and Dissolved Metals  
 Results reported in µg/L

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

Client Sample ID:	Applicable Standard	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:	µg/L	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:		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	3/11/2017	3/9/2017	3/9/2017	3/10/2017	3/11/2017	3/9/2017	3/8/2017	3/8/2017	3/8/2017	3/8/2017
Arsenic Total	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium Total	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt Total	NE	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	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickle Total	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium Total	50	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
Arsenic Dissolved	10	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
Cadmium Dissolved	5	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
Cobalt Dissolved	NE	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	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)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	1.3 (J)	1.1 (U)	1.1 (U)	1.1 (U)	1.1 (U)	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
Nickle Dissolved	100	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
Silver Dissolved	100	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 F**  
 Total and Dissolved Metals  
 Results reported in µg/L

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

Client Sample ID:	Applicable Standard µg/L	SW-5	SW-6
Lab Sample ID:		FA42055-24	FA42055-25
Date Sampled:		3/8/2017	3/8/2017
Arsenic Total	10	NA	NA
Barium Total	2,000	54.8 (J)	34.6 (J)
Cadmium Total	5	NA	NA
Chromium Total	100	NA	NA
Cobalt Total	NE	68.8	36.3 (J)
Lead Total	15	1.1 (U)	1.1 (U)
Mercury Total	2	NA	NA
Nickle Total	100	NA	NA
Selenium Total	50	NA	NA
Silver Total	100	NA	NA
Arsenic Dissolved	10	NA	NA
Barium Dissolved	2,000	NA	NA
Cadmium Dissolved	5	NA	NA
Chromium Dissolved	100	NA	NA
Cobalt Dissolved	NE	15.9 (J)	12.0 (J)
Lead Dissolved	15	1.1 (U)	1.1 (U)
Mercury Dissolved	2	NA	NA
Nickle Dissolved	100	NA	NA
Selenium Dissolved	50	NA	NA
Silver Dissolved	100	NA	NA

**ATTACHMENT A**

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**Field Sample Logs**

**Site Information**

Date: 3-9-17	Site ID #: 27-222188.00	Site Name: Pilot-067	Field Personnel: ALK YN
County: Tripp	Project Manager: Richard Starn	General Weather Conditions: Sunny	Ambient Air Temp (°F): 51°F

**Quality Assurance**

Meter Name: YSI 556	Serial #: N/A	Calibration: 3-9-17
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	<input checked="" type="checkbox"/> or N
LaMotte (Turbidity)	479479x	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-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 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.): 13.55	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.50	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 8.05	1 casing volume (CV = LWC x C) (gals.): 1.288	3 casing volumes (3 x CV) (gals.): 3.86	

**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)	—	1.28	2.56	3.84	/	/	<del>4.03</del> 4.03	4.16
Time (military)	8:50	9:10	9:30	9:50			9:53	9:55
PH (s.u.)	6.07	6.17	6.18	6.17			6.16	6.16
Specific Conductivity (µS/cm)	0.337	0.332	0.330	0.323			0.321	0.321
Water Temperature (°C)	13.49	14.26	14.66	14.91			14.99	15.00
Turbidity (NTU)	11.8	8.32	5.65	4.99			4.80	4.98
Dissolved Oxygen (mg/L)	2.44	3.15	2.59	2.22			2.18	2.15
DTW	5.65	5.71	5.74	5.78			5.79	5.79

Sampled By: ALK YN	Sampling Time: 9:55	Duplicate: Y or <input checked="" type="checkbox"/> N	If yes, Duplicate Time:
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**Notes:**

Sample using Lo flow @ 250 mill per min and Tubing at 7.5  
 Purge 3 well volume and ~~Reading~~ stabilized and collect sample

Signature: ALK YN

**Site Information**

Date: 3-9-17	Site ID #: 27-222188.00	Site Name: 2101.069	Field Personnel: All Ym
County: Troup	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 65°F

**Quality Assurance**

Meter Name: YSI - 556	Serial #: N/A	Calibration: 3-19-17
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	<input checked="" type="checkbox"/> or N
LaMotte (Turbidity)	479479X	0.0 NTU: <input checked="" type="checkbox"/> or N    1.0 NTU: Y or <input checked="" type="checkbox"/> N    10.0 NTU: <input checked="" type="checkbox"/> 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: <input 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.): 13.50	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 7.18	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 6.32	1 casing volume (CV = LWC x C) (gals.): 1.01	3 casing volumes (3 x CV) (gals.): 3.03	

**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)	—	1.01	2.02	3.03	/	<del>3.03</del>	3.22	3.35
Time (military)	10:15	10:30	10:45	11:00		<del>11:00</del>	11:03	11:05
PH (s.u.)	6.41	6.42	6.43	6.46			6.46	6.47
Specific Conductivity (µS/cm)	1.320	1.298	1.304	1.258			1.247	1.241
Water Temperature (°C)	15.63	15.71	15.83	15.92			15.85	15.80
Turbidity (NTU)	7.10	7.70	6.40	4.56			4.41	4.21
Dissolved Oxygen (mg/L)	1.36	2.19	1.98	1.56			1.48	1.46
DTW	7.49	7.60	7.68	7.69			7.69	7.69

Sampled By: All Ym	Sampling Time: 11:05	Duplicate: Y or <input checked="" type="checkbox"/> N	If yes, Duplicate Time:
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Notes: Sample using Lo Flow @ 250 mill/l per min. and tubing at 9.20  
Purge 3 well volumes and reading stabilized and collect samples

Signature: All Ym

**Site Information**

Date: 3-10-17	Site ID #: 27-222188.00	Site Name: Pilot - 67	Field Personnel: Aik Yin
County: Trumb	Project Manager: Richard Stevens	General Weather Conditions: Cloudy	Ambient Air Temp (°F): 58

**Quality Assurance**

Meter Name: YSI 556	Serial #: N/A	Calibration: 3-10-17
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	<input checked="" type="checkbox"/> or N
LaMotte (Turbidity)	U79479X	0.0 NTU: <input checked="" type="checkbox"/> or N    1.0 NTU: Y or <input checked="" type="checkbox"/> (N)    10.0 NTU: <input checked="" type="checkbox"/> 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: <input 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.): 13.00	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 6.75	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 6.25	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)	—	1.0	2.0	3.0	/		3.19	3.32
Time (military)	8:30	8:45	9:00	9:15			9:18	9:20
PH (s.u.)	5.37	5.32	5.27	5.13			5.12	5.10
Specific Conductivity (µS/cm)	1.296	1.223	1.499	1.631			1.637	1.643
Water Temperature (°C)	15.36	15.34	15.67	15.76			15.77	15.78
Turbidity (NTU)	48.8	31.5	23.2	16.20			12.3	12.00
Dissolved Oxygen (mg/L)	2.57	2.42	1.53	1.30			1.22	1.16
D <sub>FW</sub>	7.51	7.91	8.35	8.59			8.60	8.61

Sampled By: Aik Yin	Sampling Time: 9:20	Duplicate: Y or <input checked="" type="checkbox"/> N	If yes, Duplicate Time:
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Notes: Sample using Low Flow at 250mL/min and Tubing at 8.8  
 Pump 3 well Volume and Reading Stabilized and Collect Sample  
 Turbidity Starts High and continues to Drop and stabilize ± 5 NTU  
 Signature: Aik Yin

**Site Information**

Date: 3-11-17	Site ID #: 27-222183-08	Site Name: Pilot-69	Field Personnel: All YN
County: Travis	Project Manager: Richard Stearns	General Weather Conditions: Sunny	Ambient Air Temp (°F): 46.12

**Quality Assurance**

Meter Name: YSI 556	Serial #: N/A	Calibration: 3-11-17
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)	117979X	0.0 NTU: Y or N, 1.0 NTU: Y or N, 10.0 NTU: Y or N

**Well Information**

Well ID: MW-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: <input 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	Screened Interval (ft.):	Total Well Depth (TWD) (ft.): 12.90	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 3.74	Free Product Thickness (ft.):	
Length of water column (LWC = TWD - DGW) (ft.): 9.16	1 casing volume (CV = LWC x C) (gals.): 1.46	3 casing volumes (3 x CV) (gals.): 4.38	

**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)	—	1.46	2.92	4.38	/		4.57	4.70
Time (military)	8:40	9:02	9:24	9:46			9:49	9:51
PH (s.u.)	5.96	5.95	5.94	5.84			5.83	5.84
Specific Conductivity (µS/cm)	4.262	0.259	0.193	0.169			0.168	0.167
Water Temperature (°C)	12.85	13.08	13.21	13.69			13.64	13.60
Turbidity (NTU)	19.10	11.25	8.89	8.01			6.64	7.09
Dissolved Oxygen (mg/L)	3.98	2.96	1.74	1.65			1.62	1.66
DTR	4.01	4.05	4.08	4.10	4.10	4.10		

Sampled By: All YN	Sampling Time: 9:51	Duplicate: Y or N	If yes, Duplicate Time:
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Notes: Samples using low flow at 250 ml per min and Turbidity at 5.8  
 Purge 3 well volume and readings stabilized and collect samples

Signature: *[Handwritten Signature]*

**Site Information**

Date: 3-9-17	Site ID #: 27-222188.00	Site Name: P.101-067	Field Personnel: Ath Yin
County: Troup	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 70°F

**Quality Assurance**

Meter Name: YSI 556	Serial #: N/A	Calibration: 3-9-17
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: <input checked="" type="radio"/> or N    pH 7.0: <input checked="" type="radio"/> or N    pH 10.0: <input checked="" type="radio"/> or N    S.C.: <input checked="" type="radio"/> or N
YSI 55 (Dissolved Oxygen)	N/A	<input checked="" type="radio"/> or N
LaMotte (Turbidity)	479479X	0.0 NTU: <input checked="" type="radio"/> or N    1.0 NTU: Y or <input checked="" type="radio"/> 10.0 NTU: <input checked="" type="radio"/> 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: <input 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 2.0 - 9.20	Total Well Depth (TWD) (ft.): 10.05	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.54	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 4.51	1 casing volume (CV = LWC x C) (gals.): 0.72	3 casing volumes (3 x CV) (gals.): 2.16	

**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)	—	0.72	1.44	2.16	/	/	2.35	2.48
Time (military)	11:25	11:36	11:47	11:58			12:01	12:03
PH (s.u.)	5.91	4.92	4.84	4.76			4.74	4.73
Specific Conductivity (µS/cm)	0.055	0.041	0.039	0.040			0.041	0.040
Water Temperature (°C)	15.79	15.24	15.21	15.05			15.16	15.20
Turbidity (NTU)	31.7	29.10	26.3	25.4			24.70	24.40
Dissolved Oxygen (mg/L)	1.48	0.96	0.88	0.85			0.82	0.84
DTW	5.76	5.76	5.77	5.78			5.78	5.78

Sampled By: Ath Yin	Sampling Time: 12:03	Duplicate: Y or N: <input checked="" type="radio"/>	If yes, Duplicate Time:
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Notes: Samples using 40 flow @ 250 ml per min and Tubing at 7.60  
 Purge 3 well volume and readings stabilized and collect samples  
 Turbidity slightly high but at ±5 NTU stabilizing  
 Signature: Ath Yin

**Site Information**

Date: 3-9-17	Site ID #: 27-222188.00	Site Name: P.1st 069	Field Personnel: Ath Yim
County: Trapp	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 72°

**Quality Assurance**

Meter Name: YSI 556	Serial #: N/A	Calibration: 3-9-17
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: <input checked="" type="radio"/> or N pH 7.0: <input checked="" type="radio"/> or N pH 10.0: <input checked="" type="radio"/> or N S.C.: <input checked="" type="radio"/> or N
YSI 55 (Dissolved Oxygen)	N/A	<input checked="" type="radio"/> or N
LaMotte (Turbidity)	479479X	0.0 NTU: <input checked="" type="radio"/> or N 1.0 NTU: Y or <input checked="" type="radio"/> 10.0 NTU: <input checked="" type="radio"/> 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: <input 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 2-9.25	Total Well Depth (TWD) (ft.): 11.60
Depth to Free Product (DFP) (ft.): -	Depth to Groundwater (DGW) (ft.): 5.31	Free Product Thickness (ft.): -	
Length of water column (LWC = TWD - DGW) (ft.): 6.29	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		<del>2.00</del>	3.19	3.32
Time (military)	14:00	14:15	14:30	14:45		<del>14:30</del>	14:48	14:50
PH (s.u.)	4.36	4.21	4.27	4.24			7.24	7.22
Specific Conductivity (µS/cm)	0.042	0.041	0.041	0.043			0.043	0.044
Water Temperature (°C)	16.45	16.07	16.39	16.47			16.50	16.54
Turbidity (NTU)	44.8	35.9	33.5	30.9			32.10	32.00
Dissolved Oxygen (mg/L)	1.81	1.15	0.93	0.82			0.84	0.83
DTW	5.71	5.75	5.75	5.74			5.74	5.76

Sampled By: Ath Yim	Sampling Time: 14:50	Duplicate: Y or <input checked="" type="radio"/> N	If yes, Duplicate Time:
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Notes: Sample using Lo Flow @ 250 ml/min and Tubing at 7.30  
 Purge 3 well volume and Reading stabilize and collect samples  
 Turbidity slightly high but ± 5 NTU stabilizing

Signature: *Ath Yim*

**Site Information**

Date: 3-9-17 Site ID #: 27-222188.00 Site Name: R. lat. 69 Field Personnel: ATH Ym  
 County: Troun Project Manager: Richard Stevens General Weather Conditions: Sunny Ambient Air Temp (°F): 72.4

**Quality Assurance**

Meter Name: YSI - 556 Serial #: N/A Calibration: 3-9-17  
 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): 479479X 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  Pump  
 MW  IW  RW  Other \_\_\_\_\_ Screened Interval (ft.): to 2 - 7.90 Total Well Depth (TWD) (ft.): 10.60  
 Private WSW  Public WSW  
 Depth to Free Product (DFP) (ft.): — Depth to Groundwater (DGW) (ft.): 4.28 Free Product Thickness (ft.): —  
 Length of water column (LWC = TWD - DGW) (ft.): 6.32 1 casing volume (CV = LWC x C) (gals.): 1.01 3 casing volumes (3 x CV) (gals.): 3.03

**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)	<u>—</u>	<u>1.01</u>	<u>2.02</u>	<u>3.03</u>			<u>3.22</u>	<u>3.35</u>
Time (military)	<u>16:20</u>	<u>16:35</u>	<u>16:50</u>	<u>17:05</u>			<u>17:08</u>	<u>17:10</u>
PH (s.u.)	<u>5.47</u>	<u>5.38</u>	<u>5.33</u>	<u>5.31</u>			<u>5.31</u>	<u>5.31</u>
Specific Conductivity (µS/cm)	<u>0.895</u>	<u>0.909</u>	<u>0.767</u>	<u>0.682</u>			<u>0.678</u>	<u>0.677</u>
Water Temperature (°C)	<u>17.15</u>	<u>16.55</u>	<u>16.01</u>	<u>15.80</u>			<u>15.77</u>	<u>15.79</u>
Turbidity (NTU)	<u>34.9</u>	<u>19.9</u>	<u>12.9</u>	<u>11.61</u>			<u>11.69</u>	<u>11.05</u>
Dissolved Oxygen (mg/L)	<u>1.17</u>	<u>0.83</u>	<u>0.97</u>	<u>0.93</u>			<u>0.90</u>	<u>0.88</u>
<u>DTW</u>	<u>4.45</u>	<u>4.53</u>	<u>4.53 Sampling Data</u>		<u>4.53</u>		<u>4.53</u>	<u>4.53</u>

Sampled By: ATH Ym Sampling Time: 17:10 Duplicate: Y or N If yes, Duplicate Time: \_\_\_\_\_

Notes: Sampled using La Flor at 250ml Purkin and Tubing at 6:30  
Purge 3 well volumes and reading stabilized and collect samples  
Turbidity slightly High but ± 5 NTU stabilizing Signature: ATH Ym

**Site Information**

Date: 3-11-17	Site ID #: 27.222183.00	Site Name: P.10L-69	Field Personnel: Ath Yin
County: T.oup	Project Manager: Richard Steven	General Weather Conditions: Cloudy	Ambient Air Temp (°F): 52.0

**Quality Assurance**

Meter Name: YSI 556	Serial #: N/A	Calibration: 3-11-17
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	<input checked="" type="checkbox"/> or N
LaMotte (Turbidity)	479479X	0.0 NTU: <input checked="" type="checkbox"/> or N    1.0 NTU: Y or <input checked="" type="checkbox"/> N    10.0 NTU: <input checked="" type="checkbox"/> 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: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Other	Screened Interval (ft.):	Total Well Depth (TWD) (ft.): 10.55	
<input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	to: 5.26		
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.36	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 6.19	1 casing volume (CV = LWC x C) (gals.): 0.99	3 casing volumes (3 x CV) (gals.): 2.97	

**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)	—	0.99	1.98	2.97	/	/	3.16	3.29
Time (military)	10:10	10:25	10:40	10:55			10:56	10:58
PH (s.u.)	5.86	5.60	5.35	5.26			5.25	5.25
Specific Conductivity (µS/cm)	0.137	0.133	0.104	0.098			0.097	0.096
Water Temperature (°C)	13.95	14.20	14.30	14.49			14.47	14.46
Turbidity (NTU)	9.26	7.27	4.61	4.12			3.53	4.24
Dissolved Oxygen (mg/L)	3.21	2.07	1.54	1.50			1.45	1.40
DTW	4.60	4.60	4.60	4.60			4.60	4.60

Sampled By: Ath Yin	Sampling Time: 10:58	Duplicate: Y or <input checked="" type="checkbox"/> N	If yes, Duplicate Time:
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Notes: Sampling using 40 Flow at 250 mill per min and Turbidity at 6.40  
Purge 3 well volumes and reading stabilize and collect sample

Signature: *Ath Yin*

**Site Information**

Date: 3-10-17 Site ID #: 27-222188.00 Site Name: Pilot 69 Field Personnel: ATH Ym  
 County: Trapp Project Manager: Richard Stevens General Weather Conditions: Sunny Ambient Air Temp (°F): 71

**Quality Assurance**

Meter Name: YSI 556 Serial #: N/A Calibration: 3-10-17  
 YSI 63 (pH, Specific Conductivity, Temperature): N/A pH 4.0:  or N pH 7.0:  or N pH 10.0:  or N S.O.:  or N  
 YSI 55 (Dissolved Oxygen): N/A Y or N  
 LaMotte (Turbidity): U79479X 0.0 NTU:  or N 1.0 NTU: Y or  N 10.0 NTU:  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  Pump

MW  IW  RW  Other \_\_\_\_\_ Screened Interval (ft.): 1.0 - 6.0 Total Well Depth (TWD) (ft.): 9.75  
 Private WSW  Public WSW to  
 Depth to Free Product (DFP) (ft.): — Depth to Groundwater (DGW) (ft.): 4.51 Free Product Thickness (ft.): —  
 Length of water column (LWC = TWD - DGW) (ft.): 5.24 1 casing volume (CV = LWC x C) (gals.): 0.83 3 casing volumes (3 x CV) (gals.): 2.49

**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)	—	0.83	1.66	2.49			2.68	2.81
Time (military)	17:20	17:33	17:46	17:59			18:01	18:03
PH (s.u.)	5.69	5.58	5.55	5.51			5.49	5.48
Specific Conductivity (µS/cm)	0.496	0.492	0.473	0.423			0.416	0.413
Water Temperature (°C)	16.22	15.80	15.62	15.52			15.45	15.39
Turbidity (NTU)	18.8	10.47	9.04	10.01			8.10	8.27
Dissolved Oxygen (mg/L)	0.71	0.82	0.63	0.51			0.54	0.52

DTW 4.72 4.75 4.77 Sampling Data 4.78 4.78 4.78

Sampled By: ATH Ym Sampling Time: 18:03 Duplicate: Y or  N If yes, Duplicate Time:

Notes: Sample using 20 flow at 250 ml per min and taking at 6.5  
Purge 3 well volume and reading stabilize and collect sample

Signature: ATH Ym

**Site Information**

Date: 3-10-17	Site ID #: 27.222188.00	Site Name: Plot 69	Field Personnel: Ath
County: Trapp	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 59

**Quality Assurance**

Meter Name: YSI 556	Serial #: N/A	Calibration: 3-10-17
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)	479479X	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-10	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 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 1-6.0	Total Well Depth (TWD) (ft.): 9.0	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.64	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 4.36	1 casing volume (CV = LWC x C) (gals.): 0.69	3 casing volumes (3 x CV) (gals.): 2.07	

**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)	—	0.69	1.38	2.07			2.26	2.39
Time (military)	12:30	12:41	12:52	13:03			13:06	13:08
PH (s.u.)	5.56	5.18	5.04	4.91			4.89	4.89
Specific Conductivity (µS/cm)	0.378	0.240	0.213	0.201			0.198	0.200
Water Temperature (°C)	16.04	15.56	15.73	15.77			15.78	15.82
Turbidity (NTU)	16.6	5.20	2.61	2.25			2.95	2.70
Dissolved Oxygen (mg/L)	1.22	1.60	1.73	2.10			2.09	2.11
DTW	4.72	4.73	4.73	4.73			4.73	4.73

Sampled By: Ath	Sampling Time: 13:08	Duplicate: Y or <input checked="" type="checkbox"/> N	If yes, Duplicate Time:
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Notes: Sample Use Low Flow at 250 mill per min and Tubing at 6.60  
 Purge 3 well volumes and Reading Stabilized and collect sample

Signature: *Ath*

**Site Information**

Date: 3-10-17	Site ID #: 27-22218P.00	Site Name: P. lat. 69	Field Personnel: All in
County: Trump	Project Manager: Richard Stevens	General Weather Conditions: cloudy	Ambient Air Temp (°F): 58° F

**Quality Assurance**

Meter Name: YSI 556	Serial #: N/A	Calibration: 3-10-17
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: <input checked="" type="checkbox"/> Y or N pH 7.0: <input checked="" type="checkbox"/> Y or N pH 10.0: <input checked="" type="checkbox"/> Y or N S.C.: <input checked="" type="checkbox"/> Y or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N
LaMotte (Turbidity)	U79479X	0.0 NTU: <input checked="" type="checkbox"/> Y or N 1.0 NTU: Y or <input checked="" type="checkbox"/> N 10.0 NTU: <input checked="" type="checkbox"/> 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 type="checkbox"/> Bailer <input checked="" type="checkbox"/> Pump
<input checked="" type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	Other: _____	Screened Interval (ft.): to 1.0 - 6.0	Total Well Depth (TWD) (ft.): 8.40
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 3.92	Free Product Thickness (ft.):	
Length of water column (LWC = TWD - DGW) (ft.): 4.48	1 casing volume (CV = LWC x C) (gals.): 2.71	3 casing volumes (3 x CV) (gals.): 2.13	

**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)	—	0.71	1.42	2.13			2.32	2.45
Time (military)	9:45	9:56	10:07	10:18			10:21	10:23
PH (s.u.)	5.31	5.28	5.22	5.15			5.14	5.13
Specific Conductivity (µS/cm)	0.857	0.858	0.942	0.912			0.904	0.893
Water Temperature (°C)	15.3°	15.17	15.07	14.98			14.93	14.90
Turbidity (NTU)	22.9	18.60	14.40	7.16			6.05	6.26
Dissolved Oxygen (mg/L)	1.56	1.04	0.97	1.02			1.01	0.98
<b>DFW</b>	4.10	4.11	4.11	4.11	Sampling Data 4.11		4.12	4.12

Sampled By: All in	Sampling Time: 10:23	Duplicate: Y or <input checked="" type="checkbox"/> N	If yes, Duplicate Time:
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Notes: Sample using low flow at 25cm per min and tubing at 5.90  
 Pump 3 well volume and read stabilize and collect sample

Signature: *All in*

**Site Information**

Date: 3-10-17	Site ID #: 27-222188.00	Site Name: Pilot. (9)	Field Personnel: Ah Ym
County: Trumb	Project Manager: Richard Stevens	General Weather Conditions: cloudy	Ambient Air Temp (°F): 58°

**Quality Assurance**

Meter Name: YSI 556	Serial #: N/A	Calibration: 3-10-17
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: Y 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)	479479X	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-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: <input 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.): 13.05	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 2.41	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 10.64	1 casing volume (CV = LWC x C) (gals.): 1.70	3 casing volumes (3 x CV) (gals.): 5.10	

**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)	—	1.70	3.40	5.10			5.29	5.42
Time (military)	10:50	11:16	11:32	11:58			12:01	12:03
PH (s.u.)	6.09	6.20	6.18	6.09			6.07	6.07
Specific Conductivity (µS/cm)	3.018	3.039	3.136	3.202			3.211	3.205
Water Temperature (°C)	15.45	15.56	15.96	16.04			16.18	16.23
Turbidity (NTU)	11.30	5.27	6.00	4.02			4.07	3.91
Dissolved Oxygen (mg/L)	0.94	0.58	0.43	0.37			0.37	0.35
DTW	3.40	4.64	5.28	5.31			5.31	5.32

Sampled By:	Sampling Time: 12:07	Duplicate: Y or <input checked="" type="checkbox"/> N	If yes, Duplicate Time:
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Notes: Sample using low flow at 250 ml per min and tubing at 4.40. Water Table Drop Dramatically had to lower another foot during 1<sup>st</sup> Vol. Water Table Continue to Drop. Lower and foot at 2<sup>nd</sup> Vol.

Signature: *Abb M*

**Site Information**

Date: 3-10-17	Site ID #: 27-222188.00	Site Name: P. lot. 69	Field Personnel: Ath Yin
County: Trump	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 69°F

**Quality Assurance**

Meter Name: YSI-556	Serial #: N/A	Calibration: 3-10-17
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.O.: (Y) or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N
LaMotte (Turbidity)	479479x	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 <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.): 11.95	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 3.13	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 8.82	1 casing volume (CV = LWC x C) (gals.): 6.41	3 casing volumes (3 x CV) (gals.): 4.23	

**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)	—	1.41	2.82	4.23			4.42	4.55
Time (military)	13:30	13:41	14:02	14:23			14:26	14:28
PH (s.u.)	6.30	6.44	6.50	6.49			6.51	6.52
Specific Conductivity (µS/cm)	0.513	0.520	0.574	0.598			0.600	0.600
Water Temperature (°C)	16.57	15.92	16.36	15.95			15.99	16.04
Turbidity (NTU)	18.60	27.3	87.0	63.3			59.60	55.4
Dissolved Oxygen (mg/L)	0.71	0.83	0.58	0.58			0.60	0.61
DTW	4.33	4.69	5.04	5.54			5.60	5.64

Sampled By: Ath Yin	Sampling Time: 14:28	Duplicate: Y or (N)	If yes, Duplicate Time:
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Notes: Sample use La Flow at 250ml per-min and Tubing at 5.20  
 Pump 3 well Volume and Reading stabilized and collect samples  
 Turbidity continues to increase and stabilized at ± 5 NTU  
 Signature: *Ath Yin*

erator Tubing continues Drop Lower 1 foot during 2<sup>nd</sup> volume

Site Information								
Date: 3-10-17	Site ID #: 27-222188.00	Site Name: P. 101-69	Field Personnel: Ath Ym					
County: Trapp	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 74°F					
Quality Assurance								
Meter Name: YSI 556	Serial #: N/A	Calibration: 3-10-17						
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	<input checked="" type="checkbox"/> or N						
LaMotte (Turbidity)	479479X	0.0 NTU: <input checked="" type="checkbox"/> or N	1.0 NTU: Y or <input checked="" type="checkbox"/> N	10.0 NTU: <input checked="" type="checkbox"/> 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: <input checked="" type="checkbox"/> Bailer <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.): to 2-10		Total Well Depth (TWD) (ft.): 12.65					
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.57		Free Product Thickness (ft.): —					
Length of water column (LWC = TWD - DGW) (ft.): 8.08	1 casing volume (CV = LWC x C) (gals.): 1.29		3 casing volumes (3 x CV) (gals.): 3.87					
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)	—	1.29	2.58	3.87			4.06	4.19
Time (military)	15:00	15:20	15:40	16:00			16:03	16:05
PH (s.u.)	6.47	6.48	6.47	6.45			6.45	6.45
Specific Conductivity (µS/cm)	0.395	0.393	0.390	0.388			0.388	0.387
Water Temperature (°C)	18.44	18.32	17.98	17.27			17.23	17.23
Turbidity (NTU)	14.40	9.46	6.42	4.87			3.37	3.15
Dissolved Oxygen (mg/L)	0.70	0.55	0.44	0.40			0.41	0.41
DTW	4.76	4.76	4.76 Sampling Data 4.77				4.77	4.77
Sampled By: Ath Ym	Sampling Time: 16:05		Duplicate: Y or <input checked="" type="checkbox"/> N		If yes, Duplicate Time:			
Notes: Sample using 10 flow at 250 mill per min, and tubing at 6.60 Purge 3 well volumes and readings stabilized and collect sample								
Signature: Ath Ym								

**Site Information**

Date: 3-11-17	Site ID #: 27-222188.00	Site Name: Pilot-69	Field Personnel: Ath Yim
County: Troup	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 55°F

**Quality Assurance**

Meter Name: YSI SSG	Serial #: N/A	Calibration: 3-11-17
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	<input checked="" type="checkbox"/> or N
LaMotte (Turbidity)	U79479X	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-15	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 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	Total Well Depth (TWD) (ft.): 13.00
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.34	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 7.66	1 casing volume (CV = LWC x C) (gals.): 1.22	3 casing volumes (3 x CV) (gals.): 3.66	

**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)	—	1.22	2.44	3.66	/		3.85	3.98
Time (military)	11:20	11:39	11:58	12:17			12:20	12:22
PH (s.u.)	5.71	5.80	6.04	6.07			6.10	6.10
Specific Conductivity (µS/cm)	0.319	0.375	0.518	0.541			0.543	0.545
Water Temperature (°C)	16.53	16.96	17.04	16.47			16.59	16.57
Turbidity (NTU)	12.30	5.32	3.52	2.89			2.70	2.79
Dissolved Oxygen (mg/L)	3.30	2.23	1.34	1.20			1.17	1.14
OTW	3.91	3.95	5.95 Sampling Data 5.96				5.96	5.96

Sampled By: Ath Yim	Sampling Time: 12:22	Duplicate: Y or <input checked="" type="checkbox"/> N	If yes, Duplicate Time:
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Notes: Sampling using La Flow at 250ml per min and Tubing at 6.4  
Purge 3 well volume and readings stabilize and collect sample

Signature: *Ath Yim*

**Site Information**

Date: 3.9.17	Site ID #: 27-222188.00	Site Name: P:lot-069	Field Personnel: Ath Ym
County: Trapp	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 72.4

**Quality Assurance**

Meter Name: YSI 556	Serial #: N/A	Calibration: 3-9-17
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: <input checked="" type="radio"/> or N    pH 7.0: <input checked="" type="radio"/> or N    pH 10.0: <input checked="" type="radio"/> or N    S.O.: <input checked="" type="radio"/> or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N
LaMotte (Turbidity)	479479x	0.0 NTU: <input checked="" type="radio"/> or N    1.0 NTU: Y or <input checked="" type="radio"/> 10.0 NTU: <input checked="" type="radio"/> 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: <input 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	Screened Interval (ft.): 2-10	Total Well Depth (TWD) (ft.): 12.70	
<input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 6.44	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	/		3.19	3.32
Time (military)	15:10	15:25	15:40	15:55			15:58	16:00
PH (s.u.)	4.76	4.46	4.51	4.47			4.48	4.49
Specific Conductivity (µS/cm)	0.037	0.033	0.036	0.037			0.039	0.039
Water Temperature (°C)	16.68	16.34	16.32	16.24			16.27	16.28
Turbidity (NTU)	19.1	11.78	7.95	5.95			4.09	4.73
Dissolved Oxygen (mg/L)	4.03	3.73	3.49	3.33			3.32	3.30
DTW	6.75	6.76	6.77	6.77			6.77	6.77

Sampled By: Ath Ym	Sampling Time: 16:00	Duplicate: Y or <input checked="" type="radio"/> N	If yes, Duplicate Time:
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Notes: Sample using Co-Flow @ 250ml/min and Tubing at 8.5  
 Purge 3 well volume and read stabilized and collect sample  
 Turbidity started slightly high but ± 5 NTU stabilizing  
 Signature: Ath Ym

**Site Information**

Date: 3-9-17	Site ID #: 27-222188.05	Site Name: P. lot. 069	Field Personnel: Ath Ym
County: Travis	Project Manager: Richard Stovew	General Weather Conditions: Sunny	Ambient Air Temp (°F): 72°F

**Quality Assurance**

Meter Name: YSI S56	Serial #: N/A	Calibration: 3.9.17
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	<input checked="" type="checkbox"/> or N
LaMotte (Turbidity)	479479X	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: <input 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	Screened Interval (ft.): 2-10	Total Well Depth (TWD) (ft.): 13.20	
<input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.87	Free Product Thickness (ft.): —
Length of water column (LWC = TWD - DGW) (ft.): 8.33	1 casing volume (CV = LWC x C) (gals.): 1.33	3 casing volumes (3 x CV) (gals.): 3.99	

**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)	—	1.33	2.66	3.99	/		4.18	4.31
Time (military)	12:25	12:45	13:05	13:25			13:28	13:30
PH (s.u.)	5.16	5.10	5.09	5.08			5.08	5.08
Specific Conductivity (µS/cm)	0.074	0.077	0.082	0.082			0.083	0.081
Water Temperature (°C)	16.25	16.07	16.04	16.53			16.54	16.56
Turbidity (NTU)	9.01	6.71	6.07	6.34			5.93	5.63
Dissolved Oxygen (mg/L)	1.90	0.87	0.87	0.89			0.91	0.94
DTW	5.43	5.52	5.55	5.60			5.61	5.61

Sampled By: Ath Ym	Sampling Time: 13:30	Duplicate: Y or <input checked="" type="checkbox"/> N	If yes, Duplicate Time:
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Notes: Sample using LaFlaw @ 250ml/min and Tubing at 6.90  
Purge 3 well volumes and Reading stabilized and collect Sample

Signature: Ath Ym

Site Information			
Date: 3-10-17	Site ID #: 27.222188.00	Site Name: P. lot - 69	Field Personnel: AJH Ym
County: Trapp	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 74°F

Quality Assurance			
Meter Name: YSI - 556	Serial #: N/A	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
YSI 55 (Dissolved Oxygen)	N/A	<input checked="" type="checkbox"/> or N	
LaMotte (Turbidity)	U79479X	0.0 NTU: <input checked="" type="checkbox"/> or N	1.0 NTU: Y or <input checked="" type="checkbox"/> N
			10.0 NTU: <input checked="" type="checkbox"/> or N

Well Information			
Well ID: PZ-1	Well Diameter (ft.): 1	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: <input 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	Screened Interval (ft.):		Total Well Depth (TWD) (ft.): 11.00
<input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	to		
Depth to Free Product (DFP) (ft.): -	Depth to Groundwater (DGW) (ft.): 4.36	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.): 0.93	

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)	-	0.31	0.62	0.93			1.12	1.25
Time (military)	16:30	16:35	16:40	16:45			16:47	16:50
PH (s.u.)	6.74	6.91	6.97	6.97			6.97	6.95
Specific Conductivity (µS/cm)	0.783	0.815	0.803	0.789			0.785	0.779
Water Temperature (°C)	16.37	16.60	16.34	16.43			16.36	16.33
Turbidity (NTU)	62.3	844	701	106			104	102.2
Dissolved Oxygen (mg/L)	0.66	0.27	0.25	0.25			0.27	0.27
DTW	5.71	5.77	5.76	5.76	5.76		5.76	5.76

Sampled By: AJH Ym	Sampling Time: 16:50	Duplicate: Y or <input checked="" type="checkbox"/> N	If yes, Duplicate Time:
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Notes: Sample use La Flow and 250mL per min and tubing at 6.4  
 Purge 3 well volume and reading stabilized and collect sample  
 Turbidity High. Stabilized at ± 5 NTU

Signature: AJH Y

Site Information

Date: 3-11-17 Site ID #: 27-222188.00 Site Name: P:lot-69 Field Personnel: Ath Yun  
 County: Toomp Project Manager: Richard Stevens General Weather Conditions: Sunny Ambient Air Temp (°F): 55°F

Quality Assurance

Meter Name	YSI-556	Serial #:	N/A	Calibration:	3-11-17
YSI 63 (pH, Specific Conductivity, Temperature)			N/A	pH 4.0:	Y or N
YSI 55 (Dissolved Oxygen)			N/A	pH 7.0:	Y or N
LaMotte (Turbidity)			479479X	pH 10.0:	Y or N
				0.0 NTU:	Y or N
				1.0 NTU:	Y or N
				10.0 NTU:	Y or N

Well Information

Well ID: P2-2 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

MW  IW  RW  Other \_\_\_\_\_  
 Private WSW  Public WSW

Screened Interval (ft.): \_\_\_\_\_ to \_\_\_\_\_ Total Well Depth (TWD) (ft.): 15.85

Depth to Free Product (DFP) (ft.): — Depth to Groundwater (DGW) (ft.): 4.93 Free Product Thickness (ft.): —

Length of water column (LWC = TWD - DGW) (ft.): 10.92 1 casing volume (CV = LWC x C) (gals.): 0.51 3 casing volumes (3 x CV) (gals.): 1.53

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)	—	0.51	1.02	1.53			1.72	1.85
Time (military)	12:40	12:48	12:56	13:04			13:07	13:09
PH (s.u.)	6.53	6.54	6.55	6.54			6.52	6.52
Specific Conductivity (µS/cm)	0.314	0.312	0.313	0.311			0.295	0.291
Water Temperature (°C)	18.28	18.15	17.54	17.77			18.06	18.14
Turbidity (NTU)	35.10	34.40	36.3	Over Range			over range	over range
Dissolved Oxygen (mg/L)	4.52	3.90	3.25	3.80			3.50	
	10.5	11.88	12.7	13.81			13.81	13.81

Sampled By: Ath Yun Sampling Time: 13:09 Duplicate: Y or N If yes, Duplicate Time: \_\_\_\_\_

Notes: Sampling Using Low-Flow rate 250 ml per min and Turbing at 6.90  
 Purge 3 well volumes and allowing stabilize and collect samples  
 Well continues to go dry even after dropping 3 more feet Signature: Ath Yun

well continues go dry and Turbido get High cause instrument read over range.

**Site Information**

Date: 3-9-17	Site ID #: 27-222180.00	Site Name: Pilot-67	Field Personnel: ALK
County: Trapp	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 70°

**Quality Assurance**

Meter Name: YSI-556	Serial #: N/A	Calibration: 3-9-17
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)	479479X	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: 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: <input type="checkbox"/> Bailer <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.): to <del>8-15</del> 13-15	Total Well Depth (TWD) (ft.): 15.60	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.75	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD - DGW) (ft.): 10.85	1 casing volume (CV = LWC x C) (gals.): 0.50	3 casing volumes (3 x CV) (gals.): 1.5	

**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)	—	0.50	1.0	1.50			1.69	1.82
Time (military)	17:30	17:38	17:46	17:54			17:57	17:59
PH (s.u.)	6.14	6.05	6.04	6.03			5.98	5.89
Specific Conductivity (µS/cm)	0.173	0.170	0.169	0.169			0.170	0.168
Water Temperature (°C)	17.50	17.23	16.98	16.58			16.78	16.71
Turbidity (NTU)	181	186	190	256			250	254
Dissolved Oxygen (mg/L)	1.47	1.07	1.02	0.99			0.87	0.82
DTW	6.25	6.28	6.28	6.28	Sampling Data		6.28	6.28

Sampled By: ALK	Sampling Time: 17:59	Duplicate: Y or <input checked="" type="checkbox"/> N	If yes, Duplicate Time:
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Notes: Sample using low flow at 250 ml per min and Tubing at 6.80

Purge 3 well volumes and Reading stabilized and Sample collect.

Turbidity High but ± 5 NTU stabilizing

Signature: *ALK*

**Site Information**

Date: 3-8-17 Site ID #: 27.222188.00 Site Name: Pilot-069 Field Personnel: AJH Yim  
 County: #1000 Project Manager: Richard Stevens General Weather Conditions: Sunny Ambient Air Temp (°F): 71°

**Quality Assurance**

Meter Name YSI 556 Serial #: N/A Calibration: 3-8-17  
 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) 479479X 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:  Bailer  Pump  
 MW  IW  RW  Other Surface water Screened Interval (ft.): to N/A Total Well Depth (TWD) (ft.): N/A  
 Private WSW  Public WSW  
 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)								16:30
PH (s.u.)								7.59
Specific Conductivity (µS/cm)								4.077
Water Temperature (°C)								18.28
Turbidity (NTU)								11.55
Dissolved Oxygen (mg/L)								6.17

**Sampling Data**

Sampled By: AJH Yim Sampling Time: 16:30 Duplicate: Y or N If yes, Duplicate Time:

Notes: Collect surface water with a bailer, No Purge

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

**Site Information**

Date: 3-8-17	Site ID #: 27.222188.06	Site Name: P-101-069	Field Personnel: Ath Yim
County: Triump	Project Manager: Richard Stevans	General Weather Conditions: Sunny	Ambient Air Temp (°F): 71°F

**Quality Assurance**

Meter Name: YSI-556	Serial #: N/A	Calibration: 3-8-17
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: <input checked="" type="radio"/> or N    pH 7.0: <input checked="" type="radio"/> or N    pH 10.0: <input checked="" type="radio"/> or N    S.C.: <input checked="" type="radio"/> or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N
LaMotte (Turbidity)	479479X	0.0 NTU: <input checked="" type="radio"/> or N    1.0 NTU: Y or <input checked="" type="radio"/> N    10.0 NTU: <input checked="" type="radio"/> 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
<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)	/	/	/	/	/	/	/	17:05
PH (s.u.)	/	/	/	/	/	/	/	6.86
Specific Conductivity (µS/cm)	/	/	/	/	/	/	/	0.040
Water Temperature (°C)	/	/	/	/	/	/	/	17.50
Turbidity (NTU)	/	/	/	/	/	/	/	11.40
Dissolved Oxygen (mg/L)	/	/	/	/	/	/	/	5.49

**Sampling Data**

Sampled By: Ath Yim	Sampling Time: 17:05	Duplicate: Y or <input checked="" type="radio"/> N	If yes, Duplicate Time:
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Notes: Collect surface water with a bailer. No purge

Signature: 

**Site Information**

Date: 3-8-17	Site ID #: 27.222188.00	Site Name: P. lot - 069	Field Personnel: Ath Yim
County: Trapp	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 71°F

**Quality Assurance**

Meter Name: YSI-556	Serial #: N/A	Calibration: 3-8-17
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)	479479X	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: 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
<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 <u>Surface Water</u>	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)	/	/	/	/	/	/	/	17:40
PH (s.u.)	/	/	/	/	/	/	/	6.96
Specific Conductivity (µS/cm)	/	/	/	/	/	/	/	0.074
Water Temperature (°C)	/	/	/	/	/	/	/	17.20
Turbidity (NTU)	/	/	/	/	/	/	/	13.8
Dissolved Oxygen (mg/L)	/	/	/	/	/	/	/	5.44

**Sampling Data**

Sampled By: Ath Yim	Sampling Time: 17:40	Duplicate: Y or <input checked="" type="checkbox"/> N	If yes, Duplicate Time:
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Notes: Collected Surface water with a bailer. No Purge

Signature: Ath Yim

**Site Information**

Date: 3-8-17	Site ID #: 27-222188.01	Site Name: P:104-069	Field Personnel: Ath Yim
County: Troup	Project Manager: Richard Stevens	General Weather Conditions: Sunny	Ambient Air Temp (°F): 71°F

**Quality Assurance**

Meter Name: YSI 556	Serial #: N/A	Calibration:
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: <input checked="" type="radio"/> or N    pH 7.0: <input checked="" type="radio"/> or N    pH 10.0: <input checked="" type="radio"/> or N    S.C.: <input checked="" type="radio"/> or N
YSI 55 (Dissolved Oxygen)	N/A	Y or N
LaMotte (Turbidity)	179479X	0.0 NTU: <input checked="" type="radio"/> or N    1.0 NTU: Y or <input checked="" type="radio"/> 10.0 NTU: <input checked="" type="radio"/> 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: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Pump
<input type="checkbox"/> MW <input type="checkbox"/> IW <input type="checkbox"/> RW <input checked="" type="checkbox"/> Other Surface Water	Screened Interval (ft.): to N/A	Total Well Depth (TWD) (ft.): N/A	
<input type="checkbox"/> Private WSW <input type="checkbox"/> Public WSW	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	

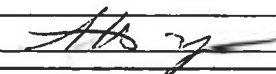
**Purging Data**

	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)								18:15
PH (s.u.)								6.97
Specific Conductivity (µS/cm)								0.074
Water Temperature (°C)								17.07
Turbidity (NTU)								12.51
Dissolved Oxygen (mg/L)								5.69

**Sampling Data**

Sampled By: Ath Yim	Sampling Time: 18:15	Duplicate: Y or <input checked="" type="radio"/> N	If yes, Duplicate Time:
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Notes: Collect surface water with bailer. No purge  
 Collect sample where someone marks a blue ribbon at.

Signature: 

**Site Information**

Date: 3-8-17 Site ID #: 27.222188.00 Site Name: Pilot 069 Field Personnel: Atk Yim  
 County: Tromp Project Manager: Richard Stevens General Weather Conditions: Sunny Ambient Air Temp (°F): 71°F

**Quality Assurance**

Meter Name YSI 55C Serial #: N/A Calibration: 3-8-17  
 YSI 63 (pH, Specific Conductivity, Temperature) N/A pH 4.0:  or N pH 7.0:  or N pH 10.0:  or N S.C.:  or N  
 YSI 55 (Dissolved Oxygen) N/A  or N  
 LaMotte (Turbidity) 479479X 0.0 NTU:  or N 1.0 NTU: Y or  10.0 NTU:  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:  Bailer  Pump  
 MW  IW  RW  Other Surface water Screened Interval (ft.): to N/A Total Well Depth (TWD) (ft.): N/A  
 Private WSW  Public WSW  
 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)								<u>-</u>
Time (military)								<u>15:35</u>
PH (s.u.)								<u>6.67</u>
Specific Conductivity (µS/cm)								<u>0.224</u>
Water Temperature (°C)								<u>20.79</u>
Turbidity (NTU)								<u>9.14</u>
Dissolved Oxygen (mg/L)								<u>10.80</u>

**Sampling Data**

Sampled By: Atk Yim Sampling Time: 15:35 Duplicate: Y or  N If yes, Duplicate Time:

Notes: Collect surface water with a bailer. no purged.

Signature: Atk Yim

**Site Information**

Date: 3-8-17	Site ID #: 27-222188.00	Site Name: Pilot-069	Field Personnel: Aih Yim
County: Troup	Project Manager: Richard Stern	General Weather Conditions: Sunny	Ambient Air Temp (°F): 71°F

**Quality Assurance**

Meter Name: YSI-556	Serial #: N/A	Calibration: 3-8-17
YSI 63 (pH, Specific Conductivity, Temperature)	N/A	pH 4.0: <input checked="" type="radio"/> or N    pH 7.0: <input checked="" type="radio"/> or N    pH 10.0: <input checked="" type="radio"/> or N    S.C.: <input checked="" type="radio"/> or N
YSI 55 (Dissolved Oxygen)	N/A	<input checked="" type="radio"/> or N
LaMotte (Turbidity)	479477x	0.0 NTU: <input checked="" type="radio"/> or N    1.0 NTU: Y or <input checked="" type="radio"/> 10.0 NTU: <input checked="" type="radio"/> 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
<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)	/	/	/	/	/	/	/	16:00
PH (s.u.)	/	/	/	/	/	/	/	7.82
Specific Conductivity (µS/cm)	/	/	/	/	/	/	/	3192
Water Temperature (°C)	/	/	/	/	/	/	/	21.64
Turbidity (NTU)	/	/	/	/	/	/	/	0.46
Dissolved Oxygen (mg/L)	/	/	/	/	/	/	/	8.81

**Sampling Data**

Sampled By: Aih Yim	Sampling Time: 16:00	Duplicate: Y or <input checked="" type="radio"/> N	If yes, Duplicate Time:
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Notes: Collected surface water with a bailer. No Purge.

Signature: Aih Yim

**ATTACHMENT B**

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**Laboratory Analytical Reports**

### Technical Report for

#### Pilot Travel Centers LLC

PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA

27.222188.00001

SGS Accutest Job Number: FA39098

Sampling Date: 11/29/16

#### Report to:

Environmental Compliance Services, INC.  
9874 Main St Suite 100  
Woodstock, GA 30188  
ristevens@pangean-cmd.com; dbass@pangean-cmd.com;  
mreid@pangean-cmd.com  
ATTN: Richard Stevens

Total number of pages in report: 14



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.

**Norm Farmer**  
Technical Director

**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

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Test results relate only to samples analyzed.

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## Sample Summary

**Pilot Travel Centers LLC**

**Job No: FA39098**

**PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA**  
**Project No: 27.222188.00001**

Sample Number	Collected		Matrix			Client Sample ID
	Date	Time By	Received	Code	Type	
FA39098-1	11/29/16	14:00 PW	11/30/16	AQ	Water	WW EFF

# Summary of Hits

**Job Number:** FA39098  
**Account:** Pilot Travel Centers LLC  
**Project:** PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA  
**Collected:** 11/29/16

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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FA39098-1      WW EFF

1,4-Dioxane		16.2	1.0	0.30	ug/l	SW846 8260B BY SIM
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### **Sample Results**

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### **Report of Analysis**

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## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> WW EFF <b>Lab Sample ID:</b> FA39098-1 <b>Matrix:</b> AQ - Water <b>Method:</b> SW846 8260B BY SIM <b>Project:</b> PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 11/29/16 <b>Date Received:</b> 11/30/16 <b>Percent Solids:</b> n/a
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z43302.D	1	12/01/16	MM	n/a	n/a	VZ1632
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	16.2	1.0	0.30	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
17060-07-0	1,2-Dichloroethane-D4	101%		74-125%		
2037-26-5	Toluene-D8	102%		88-111%		

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

FA 39098

Accutest Job #:
Accutest Control #:

Client Information		Facility Information				Analytical Information														
Name ENVIRONMENTAL COMPLIANCE SERVICES, INC.		Project Name Pilot # 69																		
Address 9874 MAIN ST., STE 100		Location 2418 Whitesville Rd Lagrange GA																		
City State Zip WOODSTOCK, GA 30188		Project No. 27-222188.00 00 1																		
Report to: email: rlstevens@ecscconsult.com Phone #: 770-926-8883, ext 146		FAX #:																		
Collection		Preservation																		
Field ID / Point of Collection	Date	Time	Sampled By	Matrix	# of bottles	vac	NEPT	RNOC	H2SO4	None										
1 W3 EFF	11-29	2:50	PL	140	3	3					3									
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) RUSH TAT is for FAX data Data unless previously approved.		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														
Sample Custody must be documented below each time samples change possession, including courier delivery.																				
Relinquished by Sampler:		Date Time:		Received By:		Relinquished By:		Date Time:		Received By:										
1		11/29/16 3:30		1 FX		2 FX		11-30-16 10:15												
3				3		4														
5				5		Seal #		Preserved where applica		Un ice:										

4.1  
4

3.0

**SGS ACCUTEST - ORLANDO SAMPLE RECEIPT CONFIRMATION**

SGS ACCUTEST'S JOB NUMBER: FA39098 CLIENT: ECS PROJECT: Pilot #69  
 DATE/TIME RECEIVED: 11-30-15 1015 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1  
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: \_\_\_\_\_  
 AIRBILL NUMBERS: 8027 2510 5480

**COOLER INFORMATION**

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET

**TRIP BLANK INFORMATION**

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

**MISC. INFORMATION**

NUMBER OF ENCORES ? 25-GRAM \_\_\_\_\_ 5-GRAM \_\_\_\_\_  
 NUMBER OF 5035 FIELD KITS ? \_\_\_\_\_  
 NUMBER OF LAB FILTERED METALS ? \_\_\_\_\_

TEST STRIP LOT#s pH 0-3 230315 pH 10-12 219813A OTHER (specify) \_\_\_\_\_

SUMMARY OF COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**TEMPERATURE INFORMATION**

- IR THERM ID 1 CORR. FACTOR -0.4
- OBSERVED TEMPS: 3.4
- CORRECTED TEMPS: 3.0 (USED FOR LIMS)

**SAMPLE INFORMATION**

- INCORRECT NUMBER OF CONTAINERS USED
- SAMPLE RECEIVED IMPROPERLY PRESERVED
- INSUFFICIENT VOLUME FOR ANALYSIS
- DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- ID'S ON COC DO NOT MATCH LABEL
- VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- SAMPLE CONTAINER(S) RECEIVED BROKEN
- 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
- BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
- % SOLIDS JAR NOT RECEIVED
- RESIDUAL CHLORINE PRESENT LOT# \_\_\_\_\_

{APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS}

TECHNICIAN SIGNATURE/DATE [Signature] 11-30-16 REVIEWER SIGNATURE/DATE [Signature] 11/30/16  
 NF 02/16 receipt confirmation 020116.xls



## **GC/MS Volatiles**

### **QC Data Summaries**

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**Includes the following where applicable:**

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

# Method Blank Summary

**Job Number:** FA39098  
**Account:** PILOTSS Pilot Travel Centers LLC  
**Project:** PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1632-MB	Z43301.D	1	12/01/16	MM	n/a	n/a	VZ1632

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA39098-1

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	101%	74-125%
2037-26-5	Toluene-D8	100%	88-111%

5.1.1  
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# Blank Spike Summary

Job Number: FA39098  
 Account: PILOTSS Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1632-BS	Z43300.D	1	12/01/16	MM	n/a	n/a	VZ1632

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA39098-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	21.7	109	65-121

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

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA39098  
 Account: PILOTSS Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA39098-1MS	Z43303.D	1	12/01/16	MM	n/a	n/a	VZ1632
FA39098-1MSD	Z43304.D	1	12/01/16	MM	n/a	n/a	VZ1632
FA39098-1	Z43302.D	1	12/01/16	MM	n/a	n/a	VZ1632

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA39098-1

CAS No.	Compound	FA39098-1 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	16.2	20	36.1	100	20	36.0	99	0	65-121/27

CAS No.	Surrogate Recoveries	MS	MSD	FA39098-1	Limits
17060-07-0	1,2-Dichloroethane-D4	101%	100%	101%	74-125%
2037-26-5	Toluene-D8	101%	102%	102%	88-111%

\* = Outside of Control Limits.

5.3.1  
 5

### Technical Report for

#### Pilot Travel Centers LLC

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

27.222188.001

SGS Accutest Job Number: FA39962

Sampling Date: 12/27/16

#### Report to:

Environmental Compliance Services, INC.  
9874 Main St Suite 100  
Woodstock, GA 30188  
ristevens@pangean-cmd.com; dbass@pangean-cmd.com;  
mreid@pangean-cmd.com  
ATTN: Richard Stevens

Total number of pages in report: 14



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.

**Norm Farmer**  
Technical Director

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

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## Sample Summary

**Pilot Travel Centers LLC**

**Job No: FA39962**

**PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA**  
**Project No: 27.222188.001**

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA39962-1	12/27/16	13:30 PN	12/29/16	AQ	Water	WW EFF

# Summary of Hits

**Job Number:** FA39962  
**Account:** Pilot Travel Centers LLC  
**Project:** PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
**Collected:** 12/27/16

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA39962-1	WW EFF					
1,4-Dioxane		7.6	1.0	0.30	ug/l	SW846 8260B BY SIM

### **Sample Results**

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### **Report of Analysis**

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## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> WW EFF	<b>Date Sampled:</b> 12/27/16
<b>Lab Sample ID:</b> FA39962-1	<b>Date Received:</b> 12/29/16
<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	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z43888.D	1	01/05/17	MM	n/a	n/a	VZ1654
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	7.6	1.0	0.30	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
17060-07-0	1,2-Dichloroethane-D4	101%		74-125%		
2037-26-5	Toluene-D8	101%		88-111%		

---

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

**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

FA 39962

Accutest Job #:  
Accutest Control #:

Client Information		Facility Information				Analytical Information											
Name ENVIRONMENTAL COMPLIANCE SERVICES, INC. / ATC		Project Name P.L.S # 69				1, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100											
Address 9874 MAIN ST., STE 100		Location 2418 Whitesville Rd LAGRANGE GA															
City State Zip WOODSTOCK, GA 30188		Project No. 27-22218,00 00 1															
Report to: email: hstevens@essconsult.com Phone #: 770-926-8883, ext 146		FAX #:															
Field ID / Point of Collection	16 Date	PM Time	Sampled By	Matrix	# of bottles	Preservation					None						
						100	MeOH	HNOS	100%	None							
WWS RPP	12-27	1:30	PM	HW	3	3											
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) RUSH TAT is for FAX data Data unless previously approved.		Approved By: _____		<input type="checkbox"/> NJ Reduced <input type="checkbox"/> NJ Full <input type="checkbox"/> FULL GLP <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											
Sample Custody must be documented below each time samples change possession, including courier delivery.																	
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:	Date Time:	Received By:	Date Time:	Received By:	Date Time:				
1 [Signature]	12/28/16 11:00	1 Fx	2 Fx		3	4		4 [Signature]	12/29/16 9:15	5		5					
3		3	4		4			4		5		5					
5		5	5		5			5		5		5					
Preserved Where applica <input type="checkbox"/>												Officer: <input type="checkbox"/>					
												38					

FA39962: Chain of Custody

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4

**SGS ACCUTEST - ORLANDO SAMPLE RECEIPT CONFIRMATION**

SGS ACCUTEST'S JOB NUMBER: FA 39962 CLIENT: ECS/ATC PROJECT: Pilot #69  
 DATE/TIME RECEIVED: 12/29/16 915 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1  
 METHOD OF DELIVERY:  FEDEX  UPS ACCUTEST COURIER DELIVERY OTHER: \_\_\_\_\_  
 AIRBILL NUMBERS: 8672 6104 9309

**COOLER INFORMATION**

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET

**TEMPERATURE INFORMATION**

- IR THERM ID 1 CORR. FACTOR -0.7
- OBSERVED TEMPS: 3.6
- CORRECTED TEMPS: 3.2 (USED FOR LIMS)

**SAMPLE INFORMATION**

- INCORRECT NUMBER OF CONTAINERS USED
- SAMPLE RECEIVED IMPROPERLY PRESERVED
- INSUFFICIENT VOLUME FOR ANALYSIS
- DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- ID'S ON COC DO NOT MATCH LABEL
- VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- SAMPLE CONTAINER(S) RECEIVED BROKEN
- 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
- BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
- % SOLIDS JAR NOT RECEIVED
- RESIDUAL CHLORINE PRESENT LOT# \_\_\_\_\_

**TRIP BLANK INFORMATION**

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

**MISC. INFORMATION**

NUMBER OF ENCORES ? 25-GRAM \_\_\_\_\_ 5-GRAM \_\_\_\_\_  
 NUMBER OF 5035 FIELD KITS ? \_\_\_\_\_  
 NUMBER OF LAB FILTERED METALS ? \_\_\_\_\_

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TEST STRIP LOT#s pH 0-3 230315 pH 10-12 219813A OTHER (specify) \_\_\_\_\_

SUMMARY OF COMMENTS: \_\_\_\_\_

TECHNICIAN SIGNATURE/DATE  12/29/16 REVIEWER SIGNATURE/DATE KD 12-29-16

NF 02/16

receipt confirmation 020116.xls

4.1  
4

**FedEx** Express **US Airbill**

FedEx Tracking Number **8672 6104 9309**

Recipient's Copy

fedex.com 1.800.GoFedEx 1.800.463.3339

fedex.com 1.800.GoFedEx 1.800.463.3339

**1 From**

Date: [Redacted]

Sender's Name: [Redacted] Phone: [Redacted]

Company: [Redacted]

Address: [Redacted] Dept./Floor/Suite/Room: [Redacted]

City: [Redacted] State: [Redacted] ZIP: [Redacted]

**2 Your Internal Billing Reference**

**3 To**

Recipient's Name: [Redacted] Phone: [Redacted]

Company: [Redacted]

Recipient's Address: [Redacted] Dept./Floor/Suite/Room: [Redacted]

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address: [Redacted]

To request a package be held at a specific FedEx location, print FedEx address here.

City: [Redacted] State: [Redacted] ZIP: [Redacted]



8672 6104 9309

**4a Express Package Service**

FedEx Priority Overnight  
Next business morning. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx Standard Overnight  
Next business afternoon. Saturday Delivery NOT available.

FedEx 2Day  
Second business day. Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected. FedEx Envelope rate not available. Minimum charge: One-pound rate.

FedEx Express Saver  
Third business day. Saturday Delivery NOT available.

**Packages up to 150 lbs.**

FedEx First Overnight  
Earliest next business morning. Delivery to select locations. Saturday Delivery NOT available.

**4b Express Freight Service**

FedEx 1Day Freight\*  
Next business day. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 2Day Freight  
Second business day. Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 3Day Freight  
Third business day. Saturday Delivery NOT available.

**Packages over 150 lbs.**

\* Call for Confirmation. \*\* To meet locations. \*\*\* To meet locations.

**5 Packaging**

FedEx Envelope\*  FedEx Pak\* (Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak)  FedEx Box  FedEx Tube  Other \* Declared value limit \$500

**6 Special Handling**

SATURDAY Delivery Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.

HOLD Weekday at FedEx Location Not available for FedEx First Overnight.

HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

No  Yes As per attached Shipper's Declaration.  Yes Shipper's Declaration not required.  Dry Ice Dry Ice, UN 1845  Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

**7 Payment Bill to:**  Sender  Recipient  Third Party  Credit Card  Cash/Check

Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No.

[Redacted]

Total Packages: [Redacted] Total Weight: [Redacted] Total Declared Value: [Redacted]

\*Your liability is limited to \$100 unless you declare a higher value. See back for details. Credit Card Auth.

**8 Residential Delivery Signature Options** If you require a signature, check Director for Indirect.

No Signature Required Package may be left without obtaining a signature for delivery.

Direct Signature Business or recipient's address may sign for delivery. Fee applies.

Indirect Signature If no one is available at recipient's address, someone at a neighboring address may sign for delivery. Fee applies.

Rev. Date 10/04/07 Int'l #15201-01/04-2006 FedEx-PRINTED IN U.S.A. 33Y

## **GC/MS Volatiles**

### **QC Data Summaries**

---

**Includes the following where applicable:**

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

# Method Blank Summary

Job Number: FA39962  
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
VZ1654-MB	Z43882.D	1	01/05/17	MM	n/a	n/a	VZ1654

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA39962-1

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	101% 74-125%
2037-26-5	Toluene-D8	99% 88-111%

# Blank Spike Summary

**Job Number:** FA39962  
**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
VZ1654-BS	Z43880.D	1	01/05/17	MM	n/a	n/a	VZ1654

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA39962-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	19.2	96	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	100%	74-125%
2037-26-5	Toluene-D8	99%	88-111%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA39962  
 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
FA40019-2MS	Z43900.D	1	01/05/17	MM	n/a	n/a	VZ1654
FA40019-2MSD	Z43901.D	1	01/05/17	MM	n/a	n/a	VZ1654
FA40019-2	Z43899.D	1	01/05/17	MM	n/a	n/a	VZ1654

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA39962-1

CAS No.	Compound	FA40019-2 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	22.8	20	41.1	92	20	41.9	96	2	65-121/27

CAS No.	Surrogate Recoveries	MS	MSD	FA40019-2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%	101%	100%	74-125%
2037-26-5	Toluene-D8	104%	103%	103%	88-111%

\* = Outside of Control Limits.

5.3.1  
 5

### Technical Report for

#### Pilot Travel Centers LLC

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

27.222188.00

SGS Accutest Job Number: FA40816

Sampling Date: 01/27/17

#### Report to:

Environmental Compliance Services, INC.  
9874 Main St Suite 100  
Woodstock, GA 30188  
ristevens@pangean-cmd.com; dbass@pangean-cmd.com;  
mreid@pangean-cmd.com  
ATTN: Richard Stevens

Total number of pages in report: 14



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.

**Norm Farmer**  
Technical Director

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

Certifications: FL(E83510), LA(03051), KS(E-10327), IL(200063), NC(573), NJ(FI002), 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

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Test results relate only to samples analyzed.

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## Sample Summary

**Pilot Travel Centers LLC**

**Job No: FA40816**

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

Sample Number	Collected		Matrix			Client Sample ID
	Date	Time By	Received	Code	Type	
FA40816-1	01/27/17	09:45 PW	01/31/17	AQ	Water	WW EFF

# Summary of Hits

**Job Number:** FA40816  
**Account:** Pilot Travel Centers LLC  
**Project:** PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
**Collected:** 01/27/17

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA40816-1	WW EFF					
1,4-Dioxane		17.6	1.0	0.30	ug/l	SW846 8260B BY SIM

**Sample Results**

---

**Report of Analysis**

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## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> WW EFF <b>Lab Sample ID:</b> FA40816-1 <b>Matrix:</b> AQ - Water <b>Method:</b> SW846 8260B BY SIM <b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 01/27/17 <b>Date Received:</b> 01/31/17 <b>Percent Solids:</b> n/a
--	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z44101.D	1	02/01/17	MM	n/a	n/a	VZ1663
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	17.6	1.0	0.30	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
17060-07-0	1,2-Dichloroethane-D4	99%		74-125%		
2037-26-5	Toluene-D8	103%		88-111%		

---

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit J = Indicates an estimated value B = Indicates analyte found in associated method blank N = Indicates presumptive evidence of a compound
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## **Misc. Forms**

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### **Custody Documents and Other Forms**

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**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

Accutest Job #: **FA40816**  
 Accutest Control #:

Client Information		Facility Information				Analytical Information													
Name ENVIRONMENTAL COMPLIANCE SERVICES, INC.		Project Name Pilot # 69				1, 4 direction													
Address 9874 MAIN ST., STE 100		Location 2418 Whitesville Rd Lagrange GA																	
City State Zip WOODSTOCK, GA 30188		Project No. 27-222188.00 00 1																	
Report to: email: ristevens@ecsconsult.com Phone #: 770-926-8883, ext 146		FAX #:																	
Field ID / Point of Collection	Collection			Preservation							Matrix	# of bottles	We	MACH	HNO3	H2SO4	H2O2	Notes	
	Date	Am Time	Sampled By	Matrix	we	MACH	HNO3	H2SO4	H2O2	Notes									
1 LWS FAH	1-27	9:45	PN	H2O	3	3												3	
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 FAX data Data unless previously approved.																			
Sample Custody must be documented below each time samples change possession, including courier delivery.																			
Relinquished by Sampler:	Date time:	Received By:	Relinquished By:	Date time:	Received By:	Relinquished By:	Date time:	Received By:	Relinquished By:	Date time:	Received By:	Relinquished By:	Date time:	Received By:	Relinquished By:	Date time:	Received By:		
1	1-27 10:00	FX	2	01-31-17	FX	3			4			5							
3			4			5													
5																			
Preserved where applicable <input type="checkbox"/>														On ice: <input type="checkbox"/>					
3.8																			

FA40816: Chain of Custody  
 Page 1 of 3

4.1  
4

**SGS ACCUTEST - ORLANDO SAMPLE RECEIPT CONFIRMATION**

SGS ACCUTEST'S JOB NUMBER: FA 40816 CLIENT: ECS PROJECT: PILOT #69  
 DATE/TIME RECEIVED: 01-31-17 09:45 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1  
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: \_\_\_\_\_  
 AIRBILL NUMBERS: 8070 7263 8999

**COOLER INFORMATION**

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET

**TRIP BLANK INFORMATION**

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

**MISC. INFORMATION**

NUMBER OF ENCORES ? 25-GRAM 5-GRAM  
 NUMBER OF 5035 FIELD KITS ? \_\_\_\_\_  
 NUMBER OF LAB FILTERED METALS ? \_\_\_\_\_

TEST STRIP LOT#s pH 0-3 230315 pH 10-12 219813A OTHER (specify) \_\_\_\_\_

SUMMARY OF COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

TECHNICIAN SIGNATURE/DATE je 01-31-17 REVIEWER SIGNATURE/DATE KD 01-31-17

NF 02/16

receipt confirmation 020116.xls

**TEMPERATURE INFORMATION**

- IR THERM ID 1 CORR. FACTOR +0.8
- OBSERVED TEMPS: 3.0
- CORRECTED TEMPS: 3.8 (USED FOR LIMS)

**SAMPLE INFORMATION**

- INCORRECT NUMBER OF CONTAINERS USED
- SAMPLE RECEIVED IMPROPERLY PRESERVED
- INSUFFICIENT VOLUME FOR ANALYSIS
- DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- ID'S ON COC DO NOT MATCH LABEL
- VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- SAMPLE CONTAINER(S) RECEIVED BROKEN
- 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
- BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
- % SOLIDS JAR NOT RECEIVED
- RESIDUAL CHLORINE PRESENT LOT# \_\_\_\_\_

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)



MMW Package  
US Airbill

FedEx Tracking Number 8070 7263 8999

1 From  
Date 1-22-17

Sender's Name [Redacted] Phone 678 571 1148

Company AIC

Address 9874 MAIN ST.

City Duluth State GA ZIP 30138

2 Your Internal Billing Reference 2722188

3 To Recipient's Name [Redacted] Phone 407 925-0700

Company [Redacted]

Address 4705 VANDERBILT RD. S.W. CITY

Address [Redacted]

City Duluth State FL ZIP 32811-770



8070 7263 8999

4 Express Package Service  
NOTE: Service order not changed. Please select carefully.

Next Business Day	2 or 3 Business Days
<input type="checkbox"/> FedEx First Overnight Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.	<input type="checkbox"/> FedEx 2Day A.M. Second business morning.* Saturday Delivery NOT available.
<input type="checkbox"/> FedEx Priority Overnight Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.	<input type="checkbox"/> FedEx 2Day Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
<input checked="" type="checkbox"/> FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available.	<input type="checkbox"/> FedEx Express Saver Third business day.* Saturday Delivery NOT available.

5 Packaging \*Declared value limit \$500

FedEx Envelope\*  FedEx Pak\*  FedEx Box  FedEx Tube  Other

6 Special Handling and Delivery Signature Options

SATURDAY Delivery  
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

No Signature Required  
Package may be left without obtaining a signature for delivery.

Direct Signature  
Someone at recipient's address may sign for delivery. For applies.

Indirect Signature  
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. For applies.

Does this shipment contain dangerous goods?  
One box must be checked.

No  Yes  Yes  Yes  
As per attached Shipper's Declaration Shipper's Declaration not required.

Dry Ice  
Per ICAO IIM 1945

Cargo Aircraft Only

7 Payment Bill to:

Sender  Recipient  Third Party  Cash/Check

Pay to the order of: [Redacted]

Total Packages 1 Total Weight [Redacted] Credit Card Auth. [Redacted]

Your liability is limited to USD100 unless you declare a higher value. See the current FedEx Service Guide for details.

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**GC/MS Volatiles**

**QC Data Summaries**

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**Includes the following where applicable:**

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

# Method Blank Summary

Job Number: FA40816  
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
VZ1663-MB	Z44089.D	1	02/01/17	MM	n/a	n/a	VZ1663

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA40816-1

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	98%	74-125%
2037-26-5	Toluene-D8	102%	88-111%

# Blank Spike Summary

Job Number: FA40816  
 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
VZ1663-BS	Z44088.D	1	02/01/17	MM	n/a	n/a	VZ1663

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA40816-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	20.0	100	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	99%	74-125%
2037-26-5	Toluene-D8	100%	88-111%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA40816  
 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
FA40772-6MS	Z44103.D	1	02/01/17	MM	n/a	n/a	VZ1663
FA40772-6MSD	Z44104.D	1	02/01/17	MM	n/a	n/a	VZ1663
FA40772-6 <sup>a</sup>	Z44093.D	1	02/01/17	MM	n/a	n/a	VZ1663

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA40816-1

CAS No.	Compound	FA40772-6 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	1.9	20	22.2	102	20	22.5	103	1	65-121/27

CAS No.	Surrogate Recoveries	MS	MSD	FA40772-6	Limits
17060-07-0	1,2-Dichloroethane-D4	99%	99%	98%	74-125%
2037-26-5	Toluene-D8	102%	102%	102%	88-111%

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

\* = Outside of Control Limits.

5.3.1  
 5

### Technical Report for

#### Pilot Travel Centers LLC

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

27.222188.00

SGS Accutest Job Number: FA40984

Sampling Date: 02/03/17

#### Report to:

Environmental Compliance Services, INC.  
9874 Main St Suite 100  
Woodstock, GA 30188  
ristevens@pangean-cmd.com; dbass@pangean-cmd.com;  
mreid@pangean-cmd.com  
ATTN: Richard Stevens

Total number of pages in report: 21



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.

**Norm Farmer**  
Technical Director

**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

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## Sample Summary

**Pilot Travel Centers LLC**

**Job No: FA40984**

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA40984-1	02/03/17	12:00 PN	02/04/17	AQ	Water	WW1
FA40984-2	02/03/17	12:10 PN	02/04/17	AQ	Water	WW2
FA40984-3	02/03/17	12:30 PN	02/04/17	AQ	Water	SS2
FA40984-4	02/03/17	12:45 PN	02/04/17	AQ	Water	SS3
FA40984-5	02/03/17	13:00 PN	02/04/17	AQ	Water	LS

## Summary of Hits

Job Number: FA40984  
Account: Pilot Travel Centers LLC  
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Collected: 02/03/17

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
---------------	------------------	-----------------	----	-----	-------	--------

FA40984-1 WW1

1,4-Dioxane 0.76 J 1.0 0.30 ug/l SW846 8260B BY SIM

FA40984-2 WW2

1,4-Dioxane 6.5 1.0 0.30 ug/l SW846 8260B BY SIM

FA40984-3 SS2

No hits reported in this sample.

FA40984-4 SS3

No hits reported in this sample.

FA40984-5 LS

No hits reported in this sample.

### **Sample Results**

---

### **Report of Analysis**

---

## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> WW1 <b>Lab Sample ID:</b> FA40984-1 <b>Matrix:</b> AQ - Water <b>Method:</b> SW846 8260B BY SIM <b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 02/03/17 <b>Date Received:</b> 02/04/17 <b>Percent Solids:</b> n/a
---	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z44163.D	1	02/06/17	MM	n/a	n/a	VZ1666
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	0.76	1.0	0.30	ug/l	J
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
17060-07-0	1,2-Dichloroethane-D4	103%		74-125%		
2037-26-5	Toluene-D8	103%		88-111%		

---

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit J = Indicates an estimated value B = Indicates analyte found in associated method blank N = Indicates presumptive evidence of a compound
--	--

## Report of Analysis

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3

<b>Client Sample ID:</b> WW2 <b>Lab Sample ID:</b> FA40984-2 <b>Matrix:</b> AQ - Water <b>Method:</b> SW846 8260B BY SIM <b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 02/03/17 <b>Date Received:</b> 02/04/17 <b>Percent Solids:</b> n/a
---	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z44164.D	1	02/06/17	MM	n/a	n/a	VZ1666
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	6.5	1.0	0.30	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
17060-07-0	1,2-Dichloroethane-D4	103%		74-125%		
2037-26-5	Toluene-D8	103%		88-111%		

---

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit J = Indicates an estimated value B = Indicates analyte found in associated method blank N = Indicates presumptive evidence of a compound
--	--

## Report of Analysis

<b>Client Sample ID:</b> SS2 <b>Lab Sample ID:</b> FA40984-3 <b>Matrix:</b> AQ - Water <b>Method:</b> SW846 8260B BY SIM <b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 02/03/17 <b>Date Received:</b> 02/04/17 <b>Percent Solids:</b> n/a
---	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	Z44189.D	50	02/07/17	MM	n/a	n/a	VZ1667
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	50	15	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
17060-07-0	1,2-Dichloroethane-D4	106%		74-125%		
2037-26-5	Toluene-D8	105%		88-111%		

(a) Dilution required due to matrix interference (internal standard failure).

---

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit J = Indicates an estimated value B = Indicates analyte found in associated method blank N = Indicates presumptive evidence of a compound
--	--

## Report of Analysis

3.4  
3

<b>Client Sample ID:</b> SS3 <b>Lab Sample ID:</b> FA40984-4 <b>Matrix:</b> AQ - Water <b>Method:</b> SW846 8260B BY SIM <b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 02/03/17 <b>Date Received:</b> 02/04/17 <b>Percent Solids:</b> n/a
---	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	Z44190.D	50	02/07/17	MM	n/a	n/a	VZ1667
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	50	15	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	105%		88-111%		

(a) Dilution required due to matrix interference (internal standard failure).

---

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit J = Indicates an estimated value B = Indicates analyte found in associated method blank N = Indicates presumptive evidence of a compound
--	--

## Report of Analysis

3.5  
3

<b>Client Sample ID:</b> LS <b>Lab Sample ID:</b> FA40984-5 <b>Matrix:</b> AQ - Water <b>Method:</b> SW846 8260B BY SIM <b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 02/03/17 <b>Date Received:</b> 02/04/17 <b>Percent Solids:</b> n/a
--	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	Z44196.D	50	02/07/17	MM	n/a	n/a	VZ1667
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	50	15	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
17060-07-0	1,2-Dichloroethane-D4	109%		74-125%		
2037-26-5	Toluene-D8	103%		88-111%		

(a) Dilution required due to matrix interference (internal standard failure).

---

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit J = Indicates an estimated value B = Indicates analyte found in associated method blank N = Indicates presumptive evidence of a compound
--	--

**Misc. Forms**

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**Custody Documents and Other Forms**

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**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

Accutest Job #: **FA40984**  
Accutest Control #:

Client Information		Facility Information				Analytical Information																	
Name ENVIRONMENTAL COMPLIANCE SERVICES, INC.		Project Name Pilot # 69				1,4-DIOXANE																	
Address 9874 MAIN ST., STE 100		Location 2418 Whitesville Rd Lagrange GA																					
City State Zip WOODSTOCK, GA 30188		Project No. 27-22218,00 00 1																					
Report to: email: rlstevens@ecscconsult.com Phone #: 770-926-8863, ext 146		FAX #:																					
Field ID / Point of Collection		Collection		Sampled By												Matrix		# of bottles		Preservation		None	
		17 Date Time								MED/IND/PROP													
WW1		2-3 12:00		P/P		H2O		3		X		3											
WW2		2 12:10						3		X		3											
SS2		3 12:30						3		X		3											
SS3		4 12:45						3		X		3											
LS		5 1:00		2		L		3		X		3											
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"/> Dist. 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 FAX data unless previously approved.		Sample Custody must be documented below each time samples change possession, including courier delivery.																					
Relinquished by Sampler: _____		Date/Time: 2-3-17/3:30		Received by: 1 Fx		Relinquished by: 2 Fx												Date/Time: _____		Received by: _____		Date/Time: 02/04/17	
Relinquished by Sampler: _____		Date/Time: _____		Received by: 3		Relinquished by: _____												Date/Time: _____		Received by: _____		Date/Time: _____	
Relinquished by Sampler: _____		Date/Time: _____		Received by: 5		Seal # _____												Preserved where applica _____		On lab: _____		3.0	

4.1  
4

**SGS ACCUTEST - ORLANDO SAMPLE RECEIPT CONFIRMATION**

SGS ACCUTEST'S JOB NUMBER: FP40984 CLIENT: ECS PROJECT: Pilot #69  
 DATE/TIME RECEIVED: 02/04/17 930 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1  
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: \_\_\_\_\_  
 AIRBILL NUMBERS: 8672 6098 3059

**COOLER INFORMATION**

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET

**TRIP BLANK INFORMATION**

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

**MISC. INFORMATION**

NUMBER OF ENCORES ? 25-GRAM 5-GRAM  
 NUMBER OF 5035 FIELD KITS ? \_\_\_\_\_  
 NUMBER OF LAB FILTERED METALS ? \_\_\_\_\_

**TEMPERATURE INFORMATION**

- IR THERM ID 1 CORR. FACTOR +0.8
- OBSERVED TEMPS: 2.2
- CORRECTED TEMPS: 3.0 (USED FOR LIMS)

**SAMPLE INFORMATION**

- INCORRECT NUMBER OF CONTAINERS USED
- SAMPLE RECEIVED IMPROPERLY PRESERVED
- INSUFFICIENT VOLUME FOR ANALYSIS
- DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- ID'S ON COC DO NOT MATCH LABEL
- VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- SAMPLE CONTAINER(S) RECEIVED BROKEN
- 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
- BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
- % SOLIDS JAR NOT RECEIVED
- RESIDUAL CHLORINE PRESENT LOT# \_\_\_\_\_

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TEST STRIP LOT#s pH 0-3 230315 pH 10-12 219813A OTHER (specify) \_\_\_\_\_

SUMMARY OF COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

TECHNICIAN SIGNATURE/DATE [Signature] 02/04/17 REVIEWER SIGNATURE/DATE [Signature] 02-04-17  
 NF 02/16 receipt confirmation 020116.xls

4.1  
4

FedEx Express US Airbill

8672 6098 3059

0200

Form ID No.

FedEx Retrieval Copy

fedex.com 1800.GoFedEx 1800.463.3339

fedex.com 1800.GoFedEx 1800.463.3339

**1 From**  
 Date 2-3-2007 Sender's FedEx Account Number \_\_\_\_\_  
 Sender's Name AL Phone 770 120 7400  
 Company ATC Group  
 Address 5771 Woodstock Dept./Floor/Suite/Room \_\_\_\_\_  
 City Woodstock State GA ZIP 30187

**2 Your Internal Billing Reference**  
27-22216

**3 To**  
 Recipient's Name Samuel R. King Phone 407 928-0700  
 Company ACCUTEST  
 Recipient's Address 4405 Vineyard Road Dept./Floor/Suite/Room \_\_\_\_\_  
 Address \_\_\_\_\_  
 To request a package be held at a specific FedEx location, print FedEx address here.  
 City Orlando State FL ZIP 32711

**4a Express Package Service**

**1 FedEx Priority Overnight** Next business morning. <sup>Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.</sup>  **5 FedEx Standard Overnight** Next business afternoon. <sup>Saturday Delivery NOT available.</sup>  **6 FedEx First Overnight** Fastest next business morning delivery to select locations. <sup>Saturday Delivery NOT available.</sup>

**3 FedEx 2Day** Second business day. <sup>Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.</sup>  **20 FedEx Express Saver** Third business day. <sup>Saturday Delivery NOT available.</sup>

**4b Express Freight Service**

**7 FedEx 1Day Freight** Next business day. <sup>Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.</sup>  **8 FedEx 2Day Freight** Second business day. <sup>Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.</sup>  **83 FedEx 3Day Freight** Third business day. <sup>Saturday Delivery NOT available.</sup>

**5 Packaging**

**6 FedEx Envelope**  **2 FedEx Pak**  **3 FedEx Box**  **4 FedEx Tube**  **1 Other**

**6 Special Handling**

**3 SATURDAY Delivery** Not available for FedEx Priority Overnight, FedEx Express Saver, or FedEx 2Day Freight.  **1 HOLD Weekday at FedEx Location** Not available for FedEx First Overnight.  **31 HOLD Saturday at FedEx Location** Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

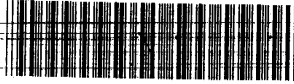
Does this shipment contain dangerous goods?  No  Yes  Yes  Yes  Dry Ice  Cargo Aircraft Only

**7 Payment** Bill to:  Sender  Recipient  Third Party  Credit Card  Cash/Check

Total Packages \_\_\_\_\_ Total Weight \_\_\_\_\_

**8 Residential Delivery Signature Options**

No Signature Required  Direct Signature  Indirect Signature



8672 6098 3059

FA40984: Chain of Custody

Page 3 of 3



## **GC/MS Volatiles**

5

### **QC Data Summaries**

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**Includes the following where applicable:**

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

# Method Blank Summary

**Job Number:** FA40984  
**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
VZ1666-MB	Z44162.D	1	02/06/17	MM	n/a	n/a	VZ1666

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA40984-1, FA40984-2

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	104%	88-111%

# Method Blank Summary

**Job Number:** FA40984  
**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
VZ1667-MB	Z44188.D	1	02/07/17	MM	n/a	n/a	VZ1667

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA40984-3, FA40984-4, FA40984-5

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	105%	74-125%
2037-26-5	Toluene-D8	104%	88-111%

# Blank Spike Summary

Job Number: FA40984  
 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
VZ1666-BS <sup>a</sup>	Z44161.D	1	02/06/17	MM	n/a	n/a	VZ1666

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA40984-1, FA40984-2

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	102%	74-125%
2037-26-5	Toluene-D8	103%	88-111%

(a) No MSD available for this run.

\* = Outside of Control Limits.

# Blank Spike Summary

Job Number: FA40984  
 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
VZ1667-BS	Z44184.D	1	02/07/17	MM	n/a	n/a	VZ1667

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA40984-3, FA40984-4, FA40984-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	20.9	105	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	104%	74-125%
2037-26-5	Toluene-D8	105%	88-111%

\* = Outside of Control Limits.

5.2.2  
 5

# Matrix Spike Summary

Job Number: FA40984  
 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
FA40984-1MS	Z44176.D	1	02/06/17	MM	n/a	n/a	VZ1666
FA40984-1	Z44163.D	1	02/06/17	MM	n/a	n/a	VZ1666

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA40984-1, FA40984-2

CAS No.	Compound	FA40984-1 ug/l	Spike Q	ug/l	MS ug/l	MS %	Limits
123-91-1	1,4-Dioxane	0.76	J	20	18.2	87	65-121

CAS No.	Surrogate Recoveries	MS	FA40984-1	Limits
17060-07-0	1,2-Dichloroethane-D4	101%	103%	74-125%
2037-26-5	Toluene-D8	104%	103%	88-111%

\* = Outside of Control Limits.

5.3.1  
 5

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA40984  
 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
FA40984-3MS	Z44192.D	50	02/07/17	MM	n/a	n/a	VZ1667
FA40984-3MSD	Z44193.D	50	02/07/17	MM	n/a	n/a	VZ1667
FA40984-3 <sup>a</sup>	Z44189.D	50	02/07/17	MM	n/a	n/a	VZ1667

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA40984-3, FA40984-4, FA40984-5

CAS No.	Compound	FA40984-3 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	ND	1000	1100	110	1000	1100	110	0	65-121/27

CAS No.	Surrogate Recoveries	MS	MSD	FA40984-3	Limits
17060-07-0	1,2-Dichloroethane-D4	107%	108%	106%	74-125%
2037-26-5	Toluene-D8	104%	104%	105%	88-111%

(a) Dilution required due to matrix interference (internal standard failure).

\* = Outside of Control Limits.

5.4.1  
 5

### Technical Report for

#### Pilot Travel Centers LLC

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

27.222188.00

SGS Accutest Job Number: FA42055

Sampling Dates: 03/08/17 - 03/11/17

#### Report to:

Environmental Compliance Services, INC.  
9874 Main St Suite 100  
Woodstock, GA 30188  
ristevens@pangean-cmd.com; dbass@pangean-cmd.com;  
mreid@pangean-cmd.com  
ATTN: Richard Stevens

Total number of pages in report: 182



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.

**Norm Farmer**  
Technical Director

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

Certifications: FL(E83510), LA(03051), KS(E-10327), IL(200063), NC(573), NJ(FI002), 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

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Test results relate only to samples analyzed.

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## Sample Summary

**Pilot Travel Centers LLC**

**Job No: FA42055**

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA42055-1	03/09/17	09:55 AY	03/14/17	AQ	Ground Water	MW-1
FA42055-1F	03/09/17	09:55 AY	03/14/17	AQ	Groundwater Filtered	MW-1
FA42055-2	03/09/17	11:05 AY	03/14/17	AQ	Ground Water	MW-2
FA42055-2F	03/09/17	11:05 AY	03/14/17	AQ	Groundwater Filtered	MW-2
FA42055-3	03/10/17	09:20 AY	03/14/17	AQ	Ground Water	MW-3
FA42055-3F	03/10/17	09:20 AY	03/14/17	AQ	Groundwater Filtered	MW-3
FA42055-4	03/11/17	09:51 AY	03/14/17	AQ	Ground Water	MW-4
FA42055-4F	03/11/17	09:51 AY	03/14/17	AQ	Groundwater Filtered	MW-4
FA42055-5	03/09/17	12:03 AY	03/14/17	AQ	Ground Water	MW-5
FA42055-5F	03/09/17	12:03 AY	03/14/17	AQ	Groundwater Filtered	MW-5
FA42055-6	03/09/17	14:50 AY	03/14/17	AQ	Ground Water	MW-6
FA42055-6F	03/09/17	14:50 AY	03/14/17	AQ	Groundwater Filtered	MW-6
FA42055-7	03/09/17	17:10 AY	03/14/17	AQ	Ground Water	MW-7



### Sample Summary (continued)

**Pilot Travel Centers LLC**

**Job No: FA42055**

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA42055-7F	03/09/17	17:10 AY	03/14/17	AQ	Groundwater Filtered	MW-7
FA42055-8	03/11/17	10:58 AY	03/14/17	AQ	Ground Water	MW-8
FA42055-8F	03/11/17	10:58 AY	03/14/17	AQ	Groundwater Filtered	MW-8
FA42055-9	03/10/17	13:08 AY	03/14/17	AQ	Ground Water	MW-10
FA42055-9F	03/10/17	13:08 AY	03/14/17	AQ	Groundwater Filtered	MW-10
FA42055-10	03/10/17	10:23 AY	03/14/17	AQ	Ground Water	MW-11
FA42055-10F	03/10/17	10:23 AY	03/14/17	AQ	Groundwater Filtered	MW-11
FA42055-11	03/10/17	12:03 AY	03/14/17	AQ	Ground Water	MW-12
FA42055-11F	03/10/17	12:03 AY	03/14/17	AQ	Groundwater Filtered	MW-12
FA42055-12	03/10/17	14:28 AY	03/14/17	AQ	Ground Water	MW-13
FA42055-12F	03/10/17	14:28 AY	03/14/17	AQ	Groundwater Filtered	MW-13
FA42055-13	03/10/17	16:05 AY	03/14/17	AQ	Ground Water	MW-14
FA42055-13F	03/10/17	16:05 AY	03/14/17	AQ	Groundwater Filtered	MW-14



### Sample Summary (continued)

**Pilot Travel Centers LLC**

**Job No: FA42055**

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA42055-14	03/11/17	12:22 AY	03/14/17	AQ	Ground Water	MW-15
FA42055-14F	03/11/17	12:22 AY	03/14/17	AQ	Groundwater Filtered	MW-15
FA42055-15	03/09/17	16:00 AY	03/14/17	AQ	Ground Water	MW-16
FA42055-15F	03/09/17	16:00 AY	03/14/17	AQ	Groundwater Filtered	MW-16
FA42055-16	03/09/17	13:30 AY	03/14/17	AQ	Ground Water	MW-17
FA42055-16F	03/09/17	13:30 AY	03/14/17	AQ	Groundwater Filtered	MW-17
FA42055-17	03/10/17	16:50 AY	03/14/17	AQ	Ground Water	PZ-1
FA42055-17F	03/10/17	16:50 AY	03/14/17	AQ	Groundwater Filtered	PZ-1
FA42055-18	03/11/17	13:09 AY	03/14/17	AQ	Ground Water	PZ-2
FA42055-18F	03/11/17	13:09 AY	03/14/17	AQ	Groundwater Filtered	PZ-2
FA42055-19	03/09/17	17:59 AY	03/14/17	AQ	Ground Water	PZ-3
FA42055-19F	03/09/17	17:59 AY	03/14/17	AQ	Groundwater Filtered	PZ-3
FA42055-20	03/08/17	16:30 AY	03/14/17	AQ	Ground Water	SW-1



## Sample Summary (continued)

**Pilot Travel Centers LLC**

**Job No: FA42055**

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA42055-20F	03/08/17	16:30 AY	03/14/17	AQ	Groundwater Filtered	SW-1
FA42055-21	03/08/17	17:05 AY	03/14/17	AQ	Ground Water	SW-2
FA42055-21F	03/08/17	17:05 AY	03/14/17	AQ	Groundwater Filtered	SW-2
FA42055-22	03/08/17	17:40 AY	03/14/17	AQ	Ground Water	SW-3
FA42055-22F	03/08/17	17:40 AY	03/14/17	AQ	Groundwater Filtered	SW-3
FA42055-23	03/08/17	18:15 AY	03/14/17	AQ	Ground Water	SW-4
FA42055-23F	03/08/17	18:15 AY	03/14/17	AQ	Groundwater Filtered	SW-4
FA42055-24	03/08/17	15:35 AY	03/14/17	AQ	Ground Water	SW-5
FA42055-24F	03/08/17	15:35 AY	03/14/17	AQ	Groundwater Filtered	SW-5
FA42055-25	03/08/17	16:00 AY	03/14/17	AQ	Ground Water	SW-6
FA42055-25F	03/08/17	16:00 AY	03/14/17	AQ	Groundwater Filtered	SW-6
FA42055-26	03/10/17	18:03 AY	03/14/17	AQ	Ground Water	MW-9
FA42055-26F	03/10/17	18:03 AY	03/14/17	AQ	Groundwater Filtered	MW-9

# Summary of Hits

**Job Number:** FA42055  
**Account:** Pilot Travel Centers LLC  
**Project:** PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
**Collected:** 03/08/17 thru 03/11/17

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA42055-1	MW-1					
Barium		68.4 J	200	1.0	ug/l	SW846 6010C
Cobalt		0.30 J	50	0.20	ug/l	SW846 6010C
Lead		2.0 J	5.0	1.1	ug/l	SW846 6010C
FA42055-1F	MW-1					
Cobalt		0.30 J	50	0.20	ug/l	SW846 6010C
Lead		1.5 J	5.0	1.1	ug/l	SW846 6010C
FA42055-2	MW-2					
1,4-Dioxane		25500	20000	7500	ug/l	SW846 8260B
Methyl Tert Butyl Ether		1.0	1.0	0.23	ug/l	SW846 8260B
Barium		385	200	1.0	ug/l	SW846 6010C
Cobalt		35.8 J	50	0.20	ug/l	SW846 6010C
FA42055-2F	MW-2					
Cobalt		34.7 J	50	0.20	ug/l	SW846 6010C
Lead		1.5 J	5.0	1.1	ug/l	SW846 6010C
FA42055-3	MW-3					
Barium		104 J	200	1.0	ug/l	SW846 6010C
Cobalt		46.0 J	50	0.20	ug/l	SW846 6010C
Lead		4.7 J	5.0	1.1	ug/l	SW846 6010C
FA42055-3F	MW-3					
Cobalt		44.6 J	50	0.20	ug/l	SW846 6010C
Lead		3.5 J	5.0	1.1	ug/l	SW846 6010C
FA42055-4	MW-4					
1,4-Dioxane		189 J	200	75	ug/l	SW846 8260B
Barium		136 J	200	1.0	ug/l	SW846 6010C
Cobalt		662	50	0.20	ug/l	SW846 6010C
FA42055-4F	MW-4					
Cobalt		648	50	0.20	ug/l	SW846 6010C
Lead		1.3 J	5.0	1.1	ug/l	SW846 6010C

## Summary of Hits

**Job Number:** FA42055  
**Account:** Pilot Travel Centers LLC  
**Project:** PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
**Collected:** 03/08/17 thru 03/11/17

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA42055-5	MW-5					
1,4-Dioxane		163 J	200	75	ug/l	SW846 8260B
Barium		9.1 J	200	1.0	ug/l	SW846 6010C
Cobalt		0.20 J	50	0.20	ug/l	SW846 6010C
Lead		1.1 J	5.0	1.1	ug/l	SW846 6010C
FA42055-5F	MW-5					
Cobalt		0.20 J	50	0.20	ug/l	SW846 6010C
FA42055-6	MW-6					
Barium		31.0 J	200	1.0	ug/l	SW846 6010C
Cobalt		0.60 J	50	0.20	ug/l	SW846 6010C
Lead		2.0 J	5.0	1.1	ug/l	SW846 6010C
FA42055-6F	MW-6					
Cobalt		0.40 J	50	0.20	ug/l	SW846 6010C
FA42055-7	MW-7					
1,4-Dioxane		116 J	200	75	ug/l	SW846 8260B
Barium		397	200	1.0	ug/l	SW846 6010C
Cobalt		43.4 J	50	0.20	ug/l	SW846 6010C
Lead		1.1 J	5.0	1.1	ug/l	SW846 6010C
FA42055-7F	MW-7					
Cobalt		44.0 J	50	0.20	ug/l	SW846 6010C
FA42055-8	MW-8					
1,4-Dioxane		130 J	200	75	ug/l	SW846 8260B
Barium		90.7 J	200	1.0	ug/l	SW846 6010C
Cobalt		35.5 J	50	0.20	ug/l	SW846 6010C
Lead		1.6 J	5.0	1.1	ug/l	SW846 6010C
FA42055-8F	MW-8					
Cobalt		36.7 J	50	0.20	ug/l	SW846 6010C

## Summary of Hits

**Job Number:** FA42055  
**Account:** Pilot Travel Centers LLC  
**Project:** PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
**Collected:** 03/08/17 thru 03/11/17

2

Lab Sample ID	Client Sample ID	Result/ Analyte	RL	MDL	Units	Method	
FA42055-9	MW-10						
		Barium	546	200	1.0	ug/l	SW846 6010C
		Cobalt	4.8 J	50	0.20	ug/l	SW846 6010C
FA42055-9F	MW-10						
		Cobalt	5.0 J	50	0.20	ug/l	SW846 6010C
FA42055-10	MW-11						
		1,4-Dioxane	378	200	75	ug/l	SW846 8260B
		Barium	44.1 J	200	1.0	ug/l	SW846 6010C
		Cobalt	95.1	50	0.20	ug/l	SW846 6010C
		Lead	3.2 J	5.0	1.1	ug/l	SW846 6010C
FA42055-10F	MW-11						
		Cobalt	98.5	50	0.20	ug/l	SW846 6010C
		Lead	3.2 J	5.0	1.1	ug/l	SW846 6010C
FA42055-11	MW-12						
		1,4-Dioxane	738	200	75	ug/l	SW846 8260B
		Barium	43.1 J	200	1.0	ug/l	SW846 6010C
		Cobalt	175	50	0.20	ug/l	SW846 6010C
		Lead	19.3	5.0	1.1	ug/l	SW846 6010C
FA42055-11F	MW-12						
		Cobalt	173	50	0.20	ug/l	SW846 6010C
		Lead	19.8	5.0	1.1	ug/l	SW846 6010C
FA42055-12	MW-13						
		tert-Butylbenzene	0.69 J	1.0	0.31	ug/l	SW846 8260B
		1,4-Dioxane	2900	2000	750	ug/l	SW846 8260B
		Methyl Tert Butyl Ether	0.34 J	1.0	0.23	ug/l	SW846 8260B
		Barium	84.3 J	200	1.0	ug/l	SW846 6010C
		Cobalt	19.4 J	50	0.20	ug/l	SW846 6010C
FA42055-12F	MW-13						
		Cobalt	17.3 J	50	0.20	ug/l	SW846 6010C

## Summary of Hits

**Job Number:** FA42055  
**Account:** Pilot Travel Centers LLC  
**Project:** PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
**Collected:** 03/08/17 thru 03/11/17

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA42055-13	MW-14					
1,4-Dioxane		3020	2000	750	ug/l	SW846 8260B
Barium		54.4 J	200	1.0	ug/l	SW846 6010C
Cobalt		10.3 J	50	0.20	ug/l	SW846 6010C
FA42055-13F	MW-14					
Cobalt		9.8 J	50	0.20	ug/l	SW846 6010C
FA42055-14	MW-15					
1,4-Dioxane		1510 J	2000	750	ug/l	SW846 8260B
Barium		191 J	200	1.0	ug/l	SW846 6010C
Cobalt		23.2 J	50	0.20	ug/l	SW846 6010C
FA42055-14F	MW-15					
Cobalt		22.7 J	50	0.20	ug/l	SW846 6010C
FA42055-15	MW-16					
Barium		24.3 J	200	1.0	ug/l	SW846 6010C
FA42055-15F	MW-16					
No hits reported in this sample.						
FA42055-16	MW-17					
Barium		24.9 J	200	1.0	ug/l	SW846 6010C
FA42055-16F	MW-17					
No hits reported in this sample.						
FA42055-17	PZ-1					
1,4-Dioxane		6840	4000	1500	ug/l	SW846 8260B
Barium		294	200	1.0	ug/l	SW846 6010C
Cobalt		16.7 J	50	0.20	ug/l	SW846 6010C
FA42055-17F	PZ-1					
Cobalt		13.8 J	50	0.20	ug/l	SW846 6010C

## Summary of Hits

**Job Number:** FA42055  
**Account:** Pilot Travel Centers LLC  
**Project:** PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
**Collected:** 03/08/17 thru 03/11/17

2

Lab Sample ID	Client Sample ID	Result/ Analyte	RL	MDL	Units	Method	
FA42055-18	PZ-2						
		1,4-Dioxane <sup>a</sup>	129 J	200	75	ug/l	SW846 8260B
		Barium	1170	200	1.0	ug/l	SW846 6010C
		Cobalt	111	50	0.20	ug/l	SW846 6010C
		Lead	399	5.0	1.1	ug/l	SW846 6010C
FA42055-18F	PZ-2						
		Cobalt	1.4 J	50	0.20	ug/l	SW846 6010C
		Lead	1.3 J	5.0	1.1	ug/l	SW846 6010C
FA42055-19	PZ-3						
		1,4-Dioxane	212	200	75	ug/l	SW846 8260B
		Barium	184 J	200	1.0	ug/l	SW846 6010C
		Cobalt	41.0 J	50	0.20	ug/l	SW846 6010C
		Lead	41.7	5.0	1.1	ug/l	SW846 6010C
FA42055-19F	PZ-3						
		Cobalt	16.0 J	50	0.20	ug/l	SW846 6010C
FA42055-20	SW-1						
		Barium	39.1 J	200	1.0	ug/l	SW846 6010C
		Cobalt	0.90 J	50	0.20	ug/l	SW846 6010C
FA42055-20F	SW-1						
		Cobalt	0.50 J	50	0.20	ug/l	SW846 6010C
FA42055-21	SW-2						
		Barium	101 J	200	1.0	ug/l	SW846 6010C
		Cobalt	8.1 J	50	0.20	ug/l	SW846 6010C
		Lead	2.4 J	5.0	1.1	ug/l	SW846 6010C
FA42055-21F	SW-2						
		Cobalt	0.40 J	50	0.20	ug/l	SW846 6010C

## Summary of Hits

**Job Number:** FA42055  
**Account:** Pilot Travel Centers LLC  
**Project:** PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
**Collected:** 03/08/17 thru 03/11/17

2

Lab Sample ID	Client Sample ID	Result/ Analyte	RL	MDL	Units	Method	
FA42055-22	SW-3						
		Barium	42.2 J	200	1.0	ug/l	SW846 6010C
		Cobalt	1.0 J	50	0.20	ug/l	SW846 6010C
FA42055-22F	SW-3						
		Cobalt	0.40 J	50	0.20	ug/l	SW846 6010C
FA42055-23	SW-4						
		Barium	39.3 J	200	1.0	ug/l	SW846 6010C
		Cobalt	0.60 J	50	0.20	ug/l	SW846 6010C
FA42055-23F	SW-4						
		Cobalt	0.40 J	50	0.20	ug/l	SW846 6010C
FA42055-24	SW-5						
		1,4-Dioxane	255	200	75	ug/l	SW846 8260B
		Barium	54.8 J	200	1.0	ug/l	SW846 6010C
		Cobalt	68.8	50	0.20	ug/l	SW846 6010C
FA42055-24F	SW-5						
		Cobalt	15.9 J	50	0.20	ug/l	SW846 6010C
FA42055-25	SW-6						
		1,4-Dioxane	286	200	75	ug/l	SW846 8260B
		Barium	34.6 J	200	1.0	ug/l	SW846 6010C
		Cobalt	36.3 J	50	0.20	ug/l	SW846 6010C
FA42055-25F	SW-6						
		Cobalt	12.0 J	50	0.20	ug/l	SW846 6010C
FA42055-26	MW-9						
		1,4-Dioxane	6020	2000	750	ug/l	SW846 8260B
		Barium	120 J	200	1.0	ug/l	SW846 6010C
		Cobalt	32.0 J	50	0.20	ug/l	SW846 6010C

## Summary of Hits

**Job Number:** FA42055  
**Account:** Pilot Travel Centers LLC  
**Project:** PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
**Collected:** 03/08/17 thru 03/11/17

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA42055-26F	MW-9					
Cobalt		31.6 J	50	0.20	ug/l	SW846 6010C
Lead		2.4 J	5.0	1.1	ug/l	SW846 6010C

(a) Sample was not preserved to a pH < 2; reported results are considered minimum values.

## Sample Results

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## Report of Analysis

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# Report of Analysis

3.1  
3

<b>Client Sample ID:</b> MW-1		
<b>Lab Sample ID:</b> FA42055-1		<b>Date Sampled:</b> 03/09/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8260B		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46306.D	1	03/16/17	WV	n/a	n/a	VII297
Run #2							

Run #	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	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	102%		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

# Report of Analysis

3.1  
3

<b>Client Sample ID:</b> MW-1		
<b>Lab Sample ID:</b> FA42055-1		<b>Date Sampled:</b> 03/09/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053141.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

Run #	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		14-67%
4165-62-2	Phenol-d5	32%		10-50%
118-79-6	2,4,6-Tribromophenol	105%		33-118%
4165-60-0	Nitrobenzene-d5	65%		42-108%
321-60-8	2-Fluorobiphenyl	71%		40-106%
1718-51-0	Terphenyl-d14	95%		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

<b>Client Sample ID:</b> MW-1		
<b>Lab Sample ID:</b> FA42055-1		<b>Date Sampled:</b> 03/09/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
		<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	68.4 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	0.30 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	2.0 J	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13920

(2) Prep QC Batch: MP31837

RL = Reporting Limit  
MDL = Method Detection Limit

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

## Report of Analysis

<b>Client Sample ID:</b> MW-1	
<b>Lab Sample ID:</b> FA42055-1F	<b>Date Sampled:</b> 03/09/17
<b>Matrix:</b> AQ - Groundwater Filtered	<b>Date Received:</b> 03/14/17
	<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	0.30 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.5 J	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
MDL = Method Detection Limit

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

## Report of Analysis

Client Sample ID:	MW-2	Date Sampled:	03/09/17
Lab Sample ID:	FA42055-2	Date Received:	03/14/17
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46307.D	1	03/16/17	WV	n/a	n/a	VII297
Run #2	B120643.D	100	03/18/17	WV	n/a	n/a	VB4850

Run #	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	25500 <sup>a</sup>	20000	7500	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	1.0	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%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	99%	79-125%
2037-26-5	Toluene-D8	102%	100%	85-112%
460-00-4	4-Bromofluorobenzene	98%	98%	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

<b>Client Sample ID:</b> MW-2	
<b>Lab Sample ID:</b> FA42055-2	<b>Date Sampled:</b> 03/09/17
<b>Matrix:</b> AQ - Ground Water	<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C	<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053144.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

Run #	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	46%		14-67%
4165-62-2	Phenol-d5	36%		10-50%
118-79-6	2,4,6-Tribromophenol	109%		33-118%
4165-60-0	Nitrobenzene-d5	82%		42-108%
321-60-8	2-Fluorobiphenyl	58%		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

<b>Client Sample ID:</b> MW-2	<b>Date Sampled:</b> 03/09/17
<b>Lab Sample ID:</b> FA42055-2	<b>Date Received:</b> 03/14/17
<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	385	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	35.8 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13920

(2) Prep QC Batch: MP31837

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

3.4  
3

<b>Client Sample ID:</b> MW-2		<b>Date Sampled:</b> 03/09/17
<b>Lab Sample ID:</b> FA42055-2F		<b>Date Received:</b> 03/14/17
<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	34.7 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.5 J	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
MDL = Method Detection Limit

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

## Report of Analysis

Client Sample ID:	MW-3	Date Sampled:	03/10/17
Lab Sample ID:	FA42055-3	Date Received:	03/14/17
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46308.D	1	03/16/17	WV	n/a	n/a	VII297
Run #2	B120634.D	1	03/18/17	WV	n/a	n/a	VB4850

Run #	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	98%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	97%	79-125%
2037-26-5	Toluene-D8	102%	99%	85-112%
460-00-4	4-Bromofluorobenzene	98%	95%	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

3.5  
3

<b>Client Sample ID:</b> MW-3 <b>Lab Sample ID:</b> FA42055-3 <b>Matrix:</b> AQ - Ground Water <b>Method:</b> SW846 8270D SW846 3510C <b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 03/10/17 <b>Date Received:</b> 03/14/17 <b>Percent Solids:</b> n/a
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053047.D	1	03/22/17	NG	03/17/17	OP64210	SX2246
Run #2							

Run #	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	44%		14-67%
4165-62-2	Phenol-d5	57% <sup>a</sup>		10-50%
118-79-6	2,4,6-Tribromophenol	82%		33-118%
4165-60-0	Nitrobenzene-d5	63%		42-108%
321-60-8	2-Fluorobiphenyl	66%		40-106%
1718-51-0	Terphenyl-d14	81%		39-121%

(a) Outside control limits.

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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

<b>Client Sample ID:</b> MW-3	<b>Date Sampled:</b> 03/10/17
<b>Lab Sample ID:</b> FA42055-3	<b>Date Received:</b> 03/14/17
<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	104 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	46.0 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	4.7 J	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13920

(2) Prep QC Batch: MP31837

RL = Reporting Limit  
MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> MW-3	<b>Date Sampled:</b> 03/10/17
<b>Lab Sample ID:</b> FA42055-3F	<b>Date Received:</b> 03/14/17
<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	44.6 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	3.5 J	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
MDL = Method Detection Limit

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

## Report of Analysis

Client Sample ID:	MW-4	Date Sampled:	03/11/17
Lab Sample ID:	FA42055-4	Date Received:	03/14/17
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46309.D	1	03/17/17	WV	n/a	n/a	VII297
Run #2 <sup>a</sup>	B120635.D	1	03/18/17	WV	n/a	n/a	VB4850

Run #	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	189	200	75	ug/l	J
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%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	99%	79-125%
2037-26-5	Toluene-D8	100%	96%	85-112%
460-00-4	4-Bromofluorobenzene	97%	97%	83-118%

(a) Confirmation run.

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

37  
3

<b>Client Sample ID:</b> MW-4 <b>Lab Sample ID:</b> FA42055-4 <b>Matrix:</b> AQ - Ground Water <b>Method:</b> SW846 8270D SW846 3510C <b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 03/11/17 <b>Date Received:</b> 03/14/17 <b>Percent Solids:</b> n/a
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053048.D	1	03/22/17	NG	03/17/17	OP64210	SX2246
Run #2							

Run #	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

**ABN Special List**

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	200	40	ug/l	
	3&4-Methylphenol	ND	20	3.9	ug/l	
100-51-6	Benzyl Alcohol	ND	20	2.5	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	55%		14-67%
4165-62-2	Phenol-d5	75% <sup>a</sup>		10-50%
118-79-6	2,4,6-Tribromophenol	97%		33-118%
4165-60-0	Nitrobenzene-d5	78%		42-108%
321-60-8	2-Fluorobiphenyl	90%		40-106%
1718-51-0	Terphenyl-d14	96%		39-121%

(a) Outside control limits.

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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

<b>Client Sample ID:</b> MW-4	
<b>Lab Sample ID:</b> FA42055-4	<b>Date Sampled:</b> 03/11/17
<b>Matrix:</b> AQ - Ground Water	<b>Date Received:</b> 03/14/17
	<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	136 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	662	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13920

(2) Prep QC Batch: MP31837

RL = Reporting Limit  
MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> MW-4	<b>Date Sampled:</b> 03/11/17
<b>Lab Sample ID:</b> FA42055-4F	<b>Date Received:</b> 03/14/17
<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	648	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.3 J	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31829

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

Client Sample ID:	MW-5	Date Sampled:	03/09/17
Lab Sample ID:	FA42055-5	Date Received:	03/14/17
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46310.D	1	03/17/17	WV	n/a	n/a	VII297
Run #2 <sup>a</sup>	B120636.D	1	03/18/17	WV	n/a	n/a	VB4850

Run #	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	163	200	75	ug/l	J
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	100%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	97%	79-125%
2037-26-5	Toluene-D8	102%	99%	85-112%
460-00-4	4-Bromofluorobenzene	99%	94%	83-118%

(a) Confirmation run.

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

3.9  
3

<b>Client Sample ID:</b> MW-5 <b>Lab Sample ID:</b> FA42055-5 <b>Matrix:</b> AQ - Ground Water <b>Method:</b> SW846 8270D SW846 3510C <b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 03/09/17 <b>Date Received:</b> 03/14/17 <b>Percent Solids:</b> n/a
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053145.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

Run #	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		14-67%
4165-62-2	Phenol-d5	35%		10-50%
118-79-6	2,4,6-Tribromophenol	91%		33-118%
4165-60-0	Nitrobenzene-d5	71%		42-108%
321-60-8	2-Fluorobiphenyl	73%		40-106%
1718-51-0	Terphenyl-d14	87%		39-121%

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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

<b>Client Sample ID:</b> MW-5	<b>Date Sampled:</b> 03/09/17
<b>Lab Sample ID:</b> FA42055-5	<b>Date Received:</b> 03/14/17
<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	9.1 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	0.20 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 J	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13920

(2) Prep QC Batch: MP31837

RL = Reporting Limit  
MDL = Method Detection Limit

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

## Report of Analysis

<b>Client Sample ID:</b> MW-5	<b>Date Sampled:</b> 03/09/17
<b>Lab Sample ID:</b> FA42055-5F	<b>Date Received:</b> 03/14/17
<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 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
MDL = Method Detection Limit

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

## Report of Analysis

Client Sample ID:	MW-6	Date Sampled:	03/09/17
Lab Sample ID:	FA42055-6	Date Received:	03/14/17
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46374.D	1	03/18/17	WV	n/a	n/a	VII299
Run #2							

Run #	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	97%		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	98%		83-118%

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

<b>Client Sample ID:</b> MW-6	
<b>Lab Sample ID:</b> FA42055-6	<b>Date Sampled:</b> 03/09/17
<b>Matrix:</b> AQ - Ground Water	<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C	<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053146.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

Run #	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	35%		14-67%
4165-62-2	Phenol-d5	29%		10-50%
118-79-6	2,4,6-Tribromophenol	84%		33-118%
4165-60-0	Nitrobenzene-d5	64%		42-108%
321-60-8	2-Fluorobiphenyl	71%		40-106%
1718-51-0	Terphenyl-d14	93%		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

<b>Client Sample ID:</b> MW-6	<b>Date Sampled:</b> 03/09/17
<b>Lab Sample ID:</b> FA42055-6	<b>Date Received:</b> 03/14/17
<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	31.0 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	0.60 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	2.0 J	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13920

(2) Prep QC Batch: MP31837

RL = Reporting Limit  
 MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> MW-6	<b>Date Sampled:</b> 03/09/17
<b>Lab Sample ID:</b> FA42055-6F	<b>Date Received:</b> 03/14/17
<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	0.40 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
MDL = Method Detection Limit

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

## Report of Analysis

Client Sample ID: MW-7		Date Sampled: 03/09/17
Lab Sample ID: FA42055-7		Date Received: 03/14/17
Matrix: AQ - Ground Water		Percent Solids: n/a
Method: SW846 8260B		
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46312.D	1	03/17/17	WV	n/a	n/a	VII297
Run #2							

Run #	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	116	200	75	ug/l	J
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	104%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	97%		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

<b>Client Sample ID:</b> MW-7		
<b>Lab Sample ID:</b> FA42055-7		<b>Date Sampled:</b> 03/09/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053147.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	35%		14-67%
4165-62-2	Phenol-d5	29%		10-50%
118-79-6	2,4,6-Tribromophenol	81%		33-118%
4165-60-0	Nitrobenzene-d5	57%		42-108%
321-60-8	2-Fluorobiphenyl	61%		40-106%
1718-51-0	Terphenyl-d14	74%		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

<b>Client Sample ID:</b> MW-7	<b>Date Sampled:</b> 03/09/17
<b>Lab Sample ID:</b> FA42055-7	<b>Date Received:</b> 03/14/17
<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	397	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	43.4 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 J	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13920

(2) Prep QC Batch: MP31837

RL = Reporting Limit  
MDL = Method Detection Limit

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

## Report of Analysis

<b>Client Sample ID:</b> MW-7	<b>Date Sampled:</b> 03/09/17
<b>Lab Sample ID:</b> FA42055-7F	<b>Date Received:</b> 03/14/17
<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	44.0 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
 MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> MW-8		
<b>Lab Sample ID:</b> FA42055-8		<b>Date Sampled:</b> 03/11/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8260B		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46313.D	1	03/17/17	WV	n/a	n/a	VII297
Run #2							

Run #	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	130	200	75	ug/l	J
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	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	101%		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

## Report of Analysis

<b>Client Sample ID:</b> MW-8		
<b>Lab Sample ID:</b> FA42055-8		<b>Date Sampled:</b> 03/11/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053049.D	1	03/23/17	NG	03/17/17	OP64210	SX2246
Run #2 <sup>a</sup>	L0690592.D	1	03/26/17	NG	03/24/17	OP64319	SL3976

	Initial Volume	Final Volume
Run #1	260 ml	1.0 ml
Run #2	250 ml	1.0 ml

## 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	9% <sup>b</sup>	47%	14-67%
4165-62-2	Phenol-d5	23%	42%	10-50%
118-79-6	2,4,6-Tribromophenol	73%	76%	33-118%
4165-60-0	Nitrobenzene-d5	9% <sup>b</sup>	69%	42-108%
321-60-8	2-Fluorobiphenyl	23% <sup>b</sup>	68%	40-106%
1718-51-0	Terphenyl-d14	87%	68%	39-121%

(a) Confirmation run for surrogate recoveries.

(b) Outside control limits due to matrix interference. Confirmed by re-extraction and reanalysis.

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

<b>Client Sample ID:</b> MW-8		
<b>Lab Sample ID:</b> FA42055-8		<b>Date Sampled:</b> 03/11/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
		<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	90.7 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	35.5 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.6 J	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13920

(2) Prep QC Batch: MP31837

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

<b>Client Sample ID:</b> MW-8		<b>Date Sampled:</b> 03/11/17
<b>Lab Sample ID:</b> FA42055-8F		<b>Date Received:</b> 03/14/17
<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	36.7 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31829

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

<b>Client Sample ID:</b> MW-10		
<b>Lab Sample ID:</b> FA42055-9		<b>Date Sampled:</b> 03/10/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8260B		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46314.D	1	03/17/17	WV	n/a	n/a	VII297
Run #2							

Run #	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	106%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

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

<b>Client Sample ID:</b> MW-10		
<b>Lab Sample ID:</b> FA42055-9		<b>Date Sampled:</b> 03/10/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053148.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

Run #	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	44%		14-67%
4165-62-2	Phenol-d5	35%		10-50%
118-79-6	2,4,6-Tribromophenol	100%		33-118%
4165-60-0	Nitrobenzene-d5	74%		42-108%
321-60-8	2-Fluorobiphenyl	75%		40-106%
1718-51-0	Terphenyl-d14	95%		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

<b>Client Sample ID:</b> MW-10	<b>Date Sampled:</b> 03/10/17
<b>Lab Sample ID:</b> FA42055-9	<b>Date Received:</b> 03/14/17
<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	546	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	4.8 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13920

(2) Prep QC Batch: MP31837

RL = Reporting Limit  
MDL = Method Detection Limit

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

## Report of Analysis

<b>Client Sample ID:</b> MW-10	<b>Date Sampled:</b> 03/10/17
<b>Lab Sample ID:</b> FA42055-9F	<b>Date Received:</b> 03/14/17
<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	5.0 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

Client Sample ID:	MW-11	Date Sampled:	03/10/17
Lab Sample ID:	FA42055-10	Date Received:	03/14/17
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46315.D	1	03/17/17	WV	n/a	n/a	VII297
Run #2							

Run #	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	378	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	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	96%		83-118%

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

<b>Client Sample ID:</b> MW-11		
<b>Lab Sample ID:</b> FA42055-10		<b>Date Sampled:</b> 03/10/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053149.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		14-67%
4165-62-2	Phenol-d5	31%		10-50%
118-79-6	2,4,6-Tribromophenol	98%		33-118%
4165-60-0	Nitrobenzene-d5	74%		42-108%
321-60-8	2-Fluorobiphenyl	78%		40-106%
1718-51-0	Terphenyl-d14	84%		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

<b>Client Sample ID:</b> MW-11		
<b>Lab Sample ID:</b> FA42055-10		<b>Date Sampled:</b> 03/10/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
		<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	44.1 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	95.1	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	3.2 J	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13920

(2) Prep QC Batch: MP31837

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

<b>Client Sample ID:</b> MW-11	
<b>Lab Sample ID:</b> FA42055-10F	<b>Date Sampled:</b> 03/10/17
<b>Matrix:</b> AQ - Groundwater Filtered	<b>Date Received:</b> 03/14/17
	<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	98.5	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	3.2 J	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

<b>Client Sample ID:</b> MW-12		
<b>Lab Sample ID:</b> FA42055-11		<b>Date Sampled:</b> 03/10/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8260B		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46316.D	1	03/17/17	WV	n/a	n/a	VII297
Run #2							

Run #	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	738	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%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

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

Client Sample ID: MW-12		Date Sampled: 03/10/17
Lab Sample ID: FA42055-11		Date Received: 03/14/17
Matrix: AQ - Ground Water		Percent Solids: n/a
Method: SW846 8270D SW846 3510C		
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053150.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

Run #	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	43%		14-67%
4165-62-2	Phenol-d5	34%		10-50%
118-79-6	2,4,6-Tribromophenol	106%		33-118%
4165-60-0	Nitrobenzene-d5	77%		42-108%
321-60-8	2-Fluorobiphenyl	82%		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

<b>Client Sample ID:</b> MW-12	<b>Date Sampled:</b> 03/10/17
<b>Lab Sample ID:</b> FA42055-11	<b>Date Received:</b> 03/14/17
<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	43.1 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	175	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	19.3	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13920

(2) Prep QC Batch: MP31837

RL = Reporting Limit  
 MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> MW-12	
<b>Lab Sample ID:</b> FA42055-11F	<b>Date Sampled:</b> 03/10/17
<b>Matrix:</b> AQ - Groundwater Filtered	<b>Date Received:</b> 03/14/17
	<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	173	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	19.8	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

Client Sample ID:	MW-13	Date Sampled:	03/10/17
Lab Sample ID:	FA42055-12	Date Received:	03/14/17
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46317.D	1	03/17/17	WV	n/a	n/a	VII297
Run #2	B120644.D	10	03/18/17	WV	n/a	n/a	VB4850

Run #	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	0.69	1.0	0.31	ug/l	J
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	2900 <sup>a</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	0.34	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%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	107%	103%	79-125%
2037-26-5	Toluene-D8	100%	98%	85-112%
460-00-4	4-Bromofluorobenzene	94%	94%	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

Client Sample ID: MW-13		Date Sampled: 03/10/17
Lab Sample ID: FA42055-12		Date Received: 03/14/17
Matrix: AQ - Ground Water		Percent Solids: n/a
Method: SW846 8270D SW846 3510C		
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053151.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

Run #	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	42%		14-67%
4165-62-2	Phenol-d5	31%		10-50%
118-79-6	2,4,6-Tribromophenol	101%		33-118%
4165-60-0	Nitrobenzene-d5	80%		42-108%
321-60-8	2-Fluorobiphenyl	63%		40-106%
1718-51-0	Terphenyl-d14	75%		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

<b>Client Sample ID:</b> MW-13	
<b>Lab Sample ID:</b> FA42055-12	<b>Date Sampled:</b> 03/10/17
<b>Matrix:</b> AQ - Ground Water	<b>Date Received:</b> 03/14/17
	<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	84.3 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	19.4 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13920

(2) Prep QC Batch: MP31837

RL = Reporting Limit  
 MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> MW-13		
<b>Lab Sample ID:</b> FA42055-12F		<b>Date Sampled:</b> 03/10/17
<b>Matrix:</b> AQ - Groundwater Filtered		<b>Date Received:</b> 03/14/17
		<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	17.3 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

Client Sample ID:	MW-14	Date Sampled:	03/10/17
Lab Sample ID:	FA42055-13	Date Received:	03/14/17
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46318.D	1	03/17/17	WV	n/a	n/a	VII297
Run #2	B120645.D	10	03/18/17	WV	n/a	n/a	VB4850

Run #	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	3020 <sup>a</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%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	107%	107%	79-125%
2037-26-5	Toluene-D8	100%	99%	85-112%
460-00-4	4-Bromofluorobenzene	97%	102%	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

<b>Client Sample ID:</b> MW-14		
<b>Lab Sample ID:</b> FA42055-13		<b>Date Sampled:</b> 03/10/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053152.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

Run #	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	45%		14-67%
4165-62-2	Phenol-d5	34%		10-50%
118-79-6	2,4,6-Tribromophenol	96%		33-118%
4165-60-0	Nitrobenzene-d5	82%		42-108%
321-60-8	2-Fluorobiphenyl	80%		40-106%
1718-51-0	Terphenyl-d14	75%		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

<b>Client Sample ID:</b> MW-14	<b>Date Sampled:</b> 03/10/17
<b>Lab Sample ID:</b> FA42055-13	<b>Date Received:</b> 03/14/17
<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	54.4 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	10.3 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead <sup>a</sup>	10 U	15	10	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13920

(2) Prep QC Batch: MP31837

(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

## Report of Analysis

<b>Client Sample ID:</b> MW-14		<b>Date Sampled:</b> 03/10/17
<b>Lab Sample ID:</b> FA42055-13F		<b>Date Received:</b> 03/14/17
<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	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
MDL = Method Detection Limit

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

## Report of Analysis

Client Sample ID:	MW-15	Date Sampled:	03/11/17
Lab Sample ID:	FA42055-14	Date Received:	03/14/17
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46319.D	1	03/17/17	WV	n/a	n/a	VII297
Run #2	B120646.D	10	03/18/17	WV	n/a	n/a	VB4850

Run #	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	1510 <sup>a</sup>	2000	750	ug/l	J
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%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	108%	105%	79-125%
2037-26-5	Toluene-D8	99%	98%	85-112%
460-00-4	4-Bromofluorobenzene	96%	99%	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

<b>Client Sample ID:</b> MW-15 <b>Lab Sample ID:</b> FA42055-14 <b>Matrix:</b> AQ - Ground Water <b>Method:</b> SW846 8270D SW846 3510C <b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 03/11/17 <b>Date Received:</b> 03/14/17 <b>Percent Solids:</b> n/a
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053050.D	1	03/23/17	NG	03/17/17	OP64210	SX2246
Run #2							

Run #	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		14-67%
4165-62-2	Phenol-d5	48%		10-50%
118-79-6	2,4,6-Tribromophenol	88%		33-118%
4165-60-0	Nitrobenzene-d5	50%		42-108%
321-60-8	2-Fluorobiphenyl	53%		40-106%
1718-51-0	Terphenyl-d14	86%		39-121%

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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

<b>Client Sample ID:</b> MW-15	
<b>Lab Sample ID:</b> FA42055-14	<b>Date Sampled:</b> 03/11/17
<b>Matrix:</b> AQ - Ground Water	<b>Date Received:</b> 03/14/17
	<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	191 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	23.2 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13920

(2) Prep QC Batch: MP31837

RL = Reporting Limit  
 MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> MW-15	<b>Date Sampled:</b> 03/11/17
<b>Lab Sample ID:</b> FA42055-14F	<b>Date Received:</b> 03/14/17
<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	22.7 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31829

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

Client Sample ID:	MW-16	Date Sampled:	03/09/17
Lab Sample ID:	FA42055-15	Date Received:	03/14/17
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46322.D	1	03/17/17	WV	n/a	n/a	VII297
Run #2	B120637.D	1	03/18/17	WV	n/a	n/a	VB4850

Run #	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	100%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	98%	79-125%
2037-26-5	Toluene-D8	102%	97%	85-112%
460-00-4	4-Bromofluorobenzene	97%	95%	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

<b>Client Sample ID:</b> MW-16		
<b>Lab Sample ID:</b> FA42055-15		<b>Date Sampled:</b> 03/09/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053153.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

Run #	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	45%		14-67%
4165-62-2	Phenol-d5	37%		10-50%
118-79-6	2,4,6-Tribromophenol	89%		33-118%
4165-60-0	Nitrobenzene-d5	69%		42-108%
321-60-8	2-Fluorobiphenyl	71%		40-106%
1718-51-0	Terphenyl-d14	83%		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

<b>Client Sample ID:</b> MW-16	
<b>Lab Sample ID:</b> FA42055-15	<b>Date Sampled:</b> 03/09/17
<b>Matrix:</b> AQ - Ground Water	<b>Date Received:</b> 03/14/17
	<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	24.3 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	0.20 U	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13920

(2) Prep QC Batch: MP31837

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

<b>Client Sample ID:</b> MW-16	<b>Date Sampled:</b> 03/09/17
<b>Lab Sample ID:</b> FA42055-15F	<b>Date Received:</b> 03/14/17
<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	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

<b>Client Sample ID:</b> MW-17		
<b>Lab Sample ID:</b> FA42055-16		<b>Date Sampled:</b> 03/09/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8260B		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46323.D	1	03/17/17	WV	n/a	n/a	VII297
Run #2							

Run #	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	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

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

<b>Client Sample ID:</b> MW-17		
<b>Lab Sample ID:</b> FA42055-16		<b>Date Sampled:</b> 03/09/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053092.D	1	03/25/17	NG	03/16/17	OP64189	SX2248
Run #2							

Run #	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

### ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	200	40	ug/l	
	3&4-Methylphenol	ND	20	3.9	ug/l	
100-51-6	Benzyl Alcohol	ND	20	2.5	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	58%		14-67%
4165-62-2	Phenol-d5	53% <sup>a</sup>		10-50%
118-79-6	2,4,6-Tribromophenol	86%		33-118%
4165-60-0	Nitrobenzene-d5	79%		42-108%
321-60-8	2-Fluorobiphenyl	81%		40-106%
1718-51-0	Terphenyl-d14	87%		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

# Report of Analysis

<b>Client Sample ID:</b> MW-17	<b>Date Sampled:</b> 03/09/17
<b>Lab Sample ID:</b> FA42055-16	<b>Date Received:</b> 03/14/17
<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	24.9 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	0.20 U	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13924

(2) Prep QC Batch: MP31838

RL = Reporting Limit  
MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> MW-17	<b>Date Sampled:</b> 03/09/17
<b>Lab Sample ID:</b> FA42055-16F	<b>Date Received:</b> 03/14/17
<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	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
MDL = Method Detection Limit

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

## Report of Analysis

Client Sample ID:	PZ-1	Date Sampled:	03/10/17
Lab Sample ID:	FA42055-17	Date Received:	03/14/17
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46324.D	1	03/17/17	WV	n/a	n/a	VII297
Run #2	B120647.D	20	03/18/17	WV	n/a	n/a	VB4850

Run #	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	6840 <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	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%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	107%	79-125%
2037-26-5	Toluene-D8	100%	96%	85-112%
460-00-4	4-Bromofluorobenzene	101%	98%	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

<b>Client Sample ID:</b> PZ-1		
<b>Lab Sample ID:</b> FA42055-17		<b>Date Sampled:</b> 03/10/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053154.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	51%		14-67%
4165-62-2	Phenol-d5	37%		10-50%
118-79-6	2,4,6-Tribromophenol	111%		33-118%
4165-60-0	Nitrobenzene-d5	90%		42-108%
321-60-8	2-Fluorobiphenyl	76%		40-106%
1718-51-0	Terphenyl-d14	76%		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

<b>Client Sample ID:</b> PZ-1	<b>Date Sampled:</b> 03/10/17
<b>Lab Sample ID:</b> FA42055-17	<b>Date Received:</b> 03/14/17
<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	294	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	16.7 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13924

(2) Prep QC Batch: MP31838

RL = Reporting Limit  
MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> PZ-1	<b>Date Sampled:</b> 03/10/17
<b>Lab Sample ID:</b> FA42055-17F	<b>Date Received:</b> 03/14/17
<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	13.8 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31829

RL = Reporting Limit  
 MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> PZ-2		
<b>Lab Sample ID:</b> FA42055-18		<b>Date Sampled:</b> 03/11/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8260B		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	I46375.D	1	03/18/17	WV	n/a	n/a	VII299
Run #2							

Run #	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	129	200	75	ug/l	J
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	106%		79-125%
2037-26-5	Toluene-D8	105%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

(a) Sample was not preserved to a pH < 2; reported results are considered minimum values.

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

<b>Client Sample ID:</b> PZ-2		
<b>Lab Sample ID:</b> FA42055-18		<b>Date Sampled:</b> 03/11/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053051.D	1	03/23/17	NG	03/17/17	OP64210	SX2246
Run #2 <sup>a</sup>	L0690593.D	1	03/26/17	NG	03/24/17	OP64319	SL3976

	Initial Volume	Final Volume
Run #1	260 ml	1.0 ml
Run #2	250 ml	1.0 ml

## 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%	18%	14-67%
4165-62-2	Phenol-d5	40%	17%	10-50%
118-79-6	2,4,6-Tribromophenol	26% <sup>b</sup>	15% <sup>b</sup>	33-118%
4165-60-0	Nitrobenzene-d5	61%	17% <sup>b</sup>	42-108%
321-60-8	2-Fluorobiphenyl	47%	16% <sup>b</sup>	40-106%
1718-51-0	Terphenyl-d14	20% <sup>b</sup>	8% <sup>b</sup>	39-121%

(a) Confirmation run for surrogate recoveries.

(b) Outside control limits due to matrix interference. Confirmed by re-extraction and reanalysis.

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

<b>Client Sample ID:</b> PZ-2	
<b>Lab Sample ID:</b> FA42055-18	<b>Date Sampled:</b> 03/11/17
<b>Matrix:</b> AQ - Ground Water	<b>Date Received:</b> 03/14/17
	<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	1170	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	111	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	399	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13924

(2) Prep QC Batch: MP31838

RL = Reporting Limit  
MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> PZ-2	<b>Date Sampled:</b> 03/11/17
<b>Lab Sample ID:</b> FA42055-18F	<b>Date Received:</b> 03/14/17
<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	1.4 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.3 J	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31829

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

Client Sample ID:	PZ-3	Date Sampled:	03/09/17
Lab Sample ID:	FA42055-19	Date Received:	03/14/17
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46326.D	1	03/17/17	WV	n/a	n/a	VII297
Run #2 <sup>a</sup>	B120639.D	1	03/18/17	WV	n/a	n/a	VB4850

Run #	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	212	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	100%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	114%	103%	79-125%
2037-26-5	Toluene-D8	102%	95%	85-112%
460-00-4	4-Bromofluorobenzene	99%	96%	83-118%

(a) Confirmation run.

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

<b>Client Sample ID:</b> PZ-3		
<b>Lab Sample ID:</b> FA42055-19		<b>Date Sampled:</b> 03/09/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053155.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		14-67%
4165-62-2	Phenol-d5	32%		10-50%
118-79-6	2,4,6-Tribromophenol	89%		33-118%
4165-60-0	Nitrobenzene-d5	73%		42-108%
321-60-8	2-Fluorobiphenyl	73%		40-106%
1718-51-0	Terphenyl-d14	83%		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

<b>Client Sample ID:</b> PZ-3	
<b>Lab Sample ID:</b> FA42055-19	<b>Date Sampled:</b> 03/09/17
<b>Matrix:</b> AQ - Ground Water	<b>Date Received:</b> 03/14/17
	<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	184 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	41.0 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	41.7	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13924

(2) Prep QC Batch: MP31838

RL = Reporting Limit  
 MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> PZ-3	<b>Date Sampled:</b> 03/09/17
<b>Lab Sample ID:</b> FA42055-19F	<b>Date Received:</b> 03/14/17
<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	16.0 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
MDL = Method Detection Limit

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

## Report of Analysis

Client Sample ID:	SW-1	Date Sampled:	03/08/17
Lab Sample ID:	FA42055-20	Date Received:	03/14/17
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46327.D	1	03/17/17	WV	n/a	n/a	VII297
Run #2	I46396.D	1	03/20/17	WV	n/a	n/a	VII300

Run #	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	100%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	108%	99%	79-125%
2037-26-5	Toluene-D8	100%	96%	85-112%
460-00-4	4-Bromofluorobenzene	97%	102%	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

<b>Client Sample ID:</b> SW-1		
<b>Lab Sample ID:</b> FA42055-20		<b>Date Sampled:</b> 03/08/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053156.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		14-67%
4165-62-2	Phenol-d5	29%		10-50%
118-79-6	2,4,6-Tribromophenol	89%		33-118%
4165-60-0	Nitrobenzene-d5	75%		42-108%
321-60-8	2-Fluorobiphenyl	78%		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

# Report of Analysis

<b>Client Sample ID:</b> SW-1	
<b>Lab Sample ID:</b> FA42055-20	<b>Date Sampled:</b> 03/08/17
<b>Matrix:</b> AQ - Ground Water	<b>Date Received:</b> 03/14/17
	<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	39.1 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	0.90 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13924

(2) Prep QC Batch: MP31838

RL = Reporting Limit  
 MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> SW-1	<b>Date Sampled:</b> 03/08/17
<b>Lab Sample ID:</b> FA42055-20F	<b>Date Received:</b> 03/14/17
<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	0.50 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
 MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> SW-2		
<b>Lab Sample ID:</b> FA42055-21		<b>Date Sampled:</b> 03/08/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8260B		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46376.D	1	03/18/17	WV	n/a	n/a	VII299
Run #2							

Run #	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	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	98%		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

## Report of Analysis

Client Sample ID:	SW-2	Date Sampled:	03/08/17
Lab Sample ID:	FA42055-21	Date Received:	03/14/17
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053157.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

Run #	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	47%		14-67%
4165-62-2	Phenol-d5	36%		10-50%
118-79-6	2,4,6-Tribromophenol	95%		33-118%
4165-60-0	Nitrobenzene-d5	87%		42-108%
321-60-8	2-Fluorobiphenyl	90%		40-106%
1718-51-0	Terphenyl-d14	90%		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

<b>Client Sample ID:</b> SW-2	
<b>Lab Sample ID:</b> FA42055-21	<b>Date Sampled:</b> 03/08/17
<b>Matrix:</b> AQ - Ground Water	<b>Date Received:</b> 03/14/17
	<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	101 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	8.1 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	2.4 J	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13924

(2) Prep QC Batch: MP31838

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

<b>Client Sample ID:</b> SW-2		<b>Date Sampled:</b> 03/08/17
<b>Lab Sample ID:</b> FA42055-21F		<b>Date Received:</b> 03/14/17
<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	0.40 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
MDL = Method Detection Limit

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

## Report of Analysis

<b>Client Sample ID:</b> SW-3		
<b>Lab Sample ID:</b> FA42055-22		<b>Date Sampled:</b> 03/08/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8260B		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P48984.D	1	03/21/17	SP	n/a	n/a	VP1847
Run #2							

Run #	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	98%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	96%		83-118%

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

<b>Client Sample ID:</b> SW-3		
<b>Lab Sample ID:</b> FA42055-22		<b>Date Sampled:</b> 03/08/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053158.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	34%		14-67%
4165-62-2	Phenol-d5	28%		10-50%
118-79-6	2,4,6-Tribromophenol	73%		33-118%
4165-60-0	Nitrobenzene-d5	77%		42-108%
321-60-8	2-Fluorobiphenyl	81%		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

# Report of Analysis

<b>Client Sample ID:</b> SW-3	
<b>Lab Sample ID:</b> FA42055-22	<b>Date Sampled:</b> 03/08/17
<b>Matrix:</b> AQ - Ground Water	<b>Date Received:</b> 03/14/17
	<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	42.2 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	1.0 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13924

(2) Prep QC Batch: MP31838

RL = Reporting Limit  
 MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> SW-3	<b>Date Sampled:</b> 03/08/17
<b>Lab Sample ID:</b> FA42055-22F	<b>Date Received:</b> 03/14/17
<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	0.40 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

<b>Client Sample ID:</b> SW-4		
<b>Lab Sample ID:</b> FA42055-23		<b>Date Sampled:</b> 03/08/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8260B		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P48985.D	1	03/21/17	SP	n/a	n/a	VP1847
Run #2							

Run #	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	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	96%		83-118%

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

<b>Client Sample ID:</b> SW-4		
<b>Lab Sample ID:</b> FA42055-23		<b>Date Sampled:</b> 03/08/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053159.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		14-67%
4165-62-2	Phenol-d5	32%		10-50%
118-79-6	2,4,6-Tribromophenol	89%		33-118%
4165-60-0	Nitrobenzene-d5	79%		42-108%
321-60-8	2-Fluorobiphenyl	79%		40-106%
1718-51-0	Terphenyl-d14	89%		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

<b>Client Sample ID:</b> SW-4	
<b>Lab Sample ID:</b> FA42055-23	<b>Date Sampled:</b> 03/08/17
<b>Matrix:</b> AQ - Ground Water	<b>Date Received:</b> 03/14/17
	<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	39.3 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	0.60 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13924

(2) Prep QC Batch: MP31838

RL = Reporting Limit  
 MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> SW-4	<b>Date Sampled:</b> 03/08/17
<b>Lab Sample ID:</b> FA42055-23F	<b>Date Received:</b> 03/14/17
<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	0.40 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

Client Sample ID:	SW-5	Date Sampled:	03/08/17
Lab Sample ID:	FA42055-24	Date Received:	03/14/17
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P48986.D	1	03/21/17	SP	n/a	n/a	VP1847
Run #2							

Run #	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	255	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	99%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

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

Client Sample ID: SW-5		Date Sampled: 03/08/17
Lab Sample ID: FA42055-24		Date Received: 03/14/17
Matrix: AQ - Ground Water		Percent Solids: n/a
Method: SW846 8270D SW846 3510C		
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053160.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

Run #	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	32%		14-67%
4165-62-2	Phenol-d5	26%		10-50%
118-79-6	2,4,6-Tribromophenol	75%		33-118%
4165-60-0	Nitrobenzene-d5	72%		42-108%
321-60-8	2-Fluorobiphenyl	73%		40-106%
1718-51-0	Terphenyl-d14	79%		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

<b>Client Sample ID:</b> SW-5	<b>Date Sampled:</b> 03/08/17
<b>Lab Sample ID:</b> FA42055-24	<b>Date Received:</b> 03/14/17
<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	54.8 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	68.8	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13924

(2) Prep QC Batch: MP31838

RL = Reporting Limit  
MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> SW-5	<b>Date Sampled:</b> 03/08/17
<b>Lab Sample ID:</b> FA42055-24F	<b>Date Received:</b> 03/14/17
<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	15.9 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

<b>Client Sample ID:</b> SW-6		
<b>Lab Sample ID:</b> FA42055-25		<b>Date Sampled:</b> 03/08/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8260B		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P48987.D	1	03/21/17	SP	n/a	n/a	VP1847
Run #2							

Run #	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	286	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	101%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

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

<b>Client Sample ID:</b> SW-6		
<b>Lab Sample ID:</b> FA42055-25		<b>Date Sampled:</b> 03/08/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053161.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	33%		14-67%
4165-62-2	Phenol-d5	26%		10-50%
118-79-6	2,4,6-Tribromophenol	76%		33-118%
4165-60-0	Nitrobenzene-d5	66%		42-108%
321-60-8	2-Fluorobiphenyl	69%		40-106%
1718-51-0	Terphenyl-d14	70%		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

<b>Client Sample ID:</b> SW-6	
<b>Lab Sample ID:</b> FA42055-25	<b>Date Sampled:</b> 03/08/17
<b>Matrix:</b> AQ - Ground Water	<b>Date Received:</b> 03/14/17
	<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	34.6 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	36.3 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13924

(2) Prep QC Batch: MP31838

RL = Reporting Limit  
 MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> SW-6	<b>Date Sampled:</b> 03/08/17
<b>Lab Sample ID:</b> FA42055-25F	<b>Date Received:</b> 03/14/17
<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	12.0 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31828

RL = Reporting Limit  
 MDL = Method Detection Limit

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

## Report of Analysis

Client Sample ID:	MW-9	Date Sampled:	03/10/17
Lab Sample ID:	FA42055-26	Date Received:	03/14/17
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P48988.D	1	03/21/17	SP	n/a	n/a	VP1847
Run #2	I46521.D	10	03/23/17	WV	n/a	n/a	VII304

Run #	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	6020 <sup>a</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	98%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	100%	79-125%
2037-26-5	Toluene-D8	98%	103%	85-112%
460-00-4	4-Bromofluorobenzene	96%	99%	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

<b>Client Sample ID:</b> MW-9		
<b>Lab Sample ID:</b> FA42055-26		<b>Date Sampled:</b> 03/10/17
<b>Matrix:</b> AQ - Ground Water		<b>Date Received:</b> 03/14/17
<b>Method:</b> SW846 8270D SW846 3510C		<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X053162.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
Run #2							

	Initial Volume	Final Volume
Run #1	260 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	3.8	ug/l	
100-51-6	Benzyl Alcohol	ND	19	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	44%		14-67%
4165-62-2	Phenol-d5	31%		10-50%
118-79-6	2,4,6-Tribromophenol	99%		33-118%
4165-60-0	Nitrobenzene-d5	82%		42-108%
321-60-8	2-Fluorobiphenyl	82%		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

<b>Client Sample ID:</b> MW-9	<b>Date Sampled:</b> 03/10/17
<b>Lab Sample ID:</b> FA42055-26	<b>Date Received:</b> 03/14/17
<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	120 J	200	1.0	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Cobalt	32.0 J	50	0.20	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	1.1 U	5.0	1.1	ug/l	1	03/23/17	03/23/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13924

(2) Prep QC Batch: MP31838

RL = Reporting Limit  
 MDL = Method Detection Limit

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

# Report of Analysis

<b>Client Sample ID:</b> MW-9	<b>Date Sampled:</b> 03/10/17
<b>Lab Sample ID:</b> FA42055-26F	<b>Date Received:</b> 03/14/17
<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	31.6 J	50	0.20	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>
Lead	2.4 J	5.0	1.1	ug/l	1	03/22/17	03/22/17 LM	SW846 6010C <sup>1</sup>	SW846 3010A <sup>2</sup>

(1) Instrument QC Batch: MA13913

(2) Prep QC Batch: MP31829

RL = Reporting Limit  
 MDL = Method Detection Limit

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

**Misc. Forms**

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**Custody Documents and Other Forms**

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**Includes the following where applicable:**

- Chain of Custody

FA 42055

ACCUTEST

ECS Chain Of Custody Record

4405 Vineland Road  
Orlando, FL 32811  
407-425-6700

ECS Project Manager:		Billing Information		Invoice Number (SEE ONLY)	
<input type="checkbox"/>	<input type="checkbox"/>	Pilot Travel Center LLC		DATE:	
<input type="checkbox"/>	<input type="checkbox"/>	5608 LONAS DRIVE		SAP or CRM# Number	
<input type="checkbox"/>	<input type="checkbox"/>	KNOXVILLE, TENNESSEE 37909		PAGE: 1 of 3	

CONSULTANT COMPANY: Environmental Compliance Services, Inc.			PROJECT ADDRESS (Street, City and State): 2990 Whitesville Rd LaGrange Georgia		
ADDRESS: 9874 Main Street, Suite 100			PROJECT CONTACT (Report to): Max Burmeister		
CITY: Woodstock, GA 30188			CONSULTANT PROJECT NUMBER: PT 89 / 27.222188.00 001		
TELEPHONE: (770) 926-8883	FAX: (770) 926-5383	EMAIL: rstevens@ecscosnll.com	SAMPLER NAME(S) (Print): <i>Ath Ym</i>		

TURNAROUND TIME (BUSINESS DAYS):  10 DAYS  15 DAYS  30 DAYS  45 HOURS

TEMPERATURE ON RECEIPT °C

SPECIAL INSTRUCTIONS OR NOTES:

REQUESTED ANALYSIS (if more than one method is listed, circle one)

(8260) Bromochloromethane, Bromodichloromethane, Tri-n-butylbenzene, Chloroform, 1,4-Dioxane, Ethyl Alcohol, 2-Hexanone, 4-Methyl-2-pentanone, MTBE, 1,2,4-Trimethylbenzene	(8270) Benzoic Acid, 384-Methylphenol, Benzyl Alcohol	(Total Metal 6010) Barium, Cobalt, Lead	Non-Halogen	Dissolved Metals	Dissolved Cobalt	Dissolved Lead	Container PID Readings or Laboratory Notes
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Field Sample Identification	DATE	TIME	MATRIX	HCL	HNO3	H2SO4	NONE	ICE	NO. OF CONT.	(8260)	(8270)	(Total Metal 6010)	Non-Halogen	Dissolved Metals	Dissolved Cobalt	Dissolved Lead	Container PID Readings or Laboratory Notes
MW-1	3-9-17	9:55	W	X	X		X	X	7	X	X	X		X			
MW-2	3-9-17	11:05	W	X	X		X	X	7	X	X	X		X			
MW-3	3-10-17	9:20	W	X	X		X	X	7	X	X	X		X			
MW-4	3-11-17	9:51	W	X	X		X	X	7	X	X	X		X			
MW-5	3-9-17	12:03	W	X	X		X	X	7	X	X	X		X			
MW-6	3-9-17	14:50	W	X	X		X	X	7	X	X	X		X			
MW-7	3-9-17	17:10	W	X	X		X	X	7	X	X	X		X			
MW-8	3-11-17	10:58	W	X	X		X	X	7	X	X	X		X			
MW-10	3-10-17	13:08	W	X	X		X	X	7	X	X	X		X			
MW-11	3-10-17	10:23	W	X	X		X	X	7	X	X	X		X			

Retrieved by: (Signature) <i>Att 3</i>	3-13-17 20:30	Received by: (Signature) <i>Fx</i>	Date:	Time:
Retrieved by: (Signature) <i>Fx</i>		Received by: (Signature) <i>Curtis</i>	Date:	Time:
Retrieved by: (Signature)		Received by: (Signature)	Date:	Time:

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

3.0 3.6 3.4 2.8  
2.9 3.0

ACCUTEST

4405 Vineland Road  
Orlando, FL 32811  
407-425-6700

ECS Chain Of Custody Record

FA 42055

<b>ECS Project Manager:</b> <input type="checkbox"/> _____ <input checked="" type="checkbox"/> Richard Stevens <input type="checkbox"/> _____		<b>Billing Information</b> Pilot Travel Center LLC 5608 LONAS DRIVE KNOXVILLE, TENNESSEE 37909		INVOICE NUMBER (SEE ONLY) _____ DATE: _____ PAGE: 2 of 3
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<b>CONSULTANT COMPANY:</b> Environmental Compliance Services, Inc. ADDRESS: 9874 Main Street, Suite 100 CITY: Woodstock, GA 30188 TELEPHONE: (770) 926-8883 FAX: (770) 926-5383 EMAIL: rstevens@eciconsult.com TURNAROUND TIME (BUSINESS DAYS): <input type="checkbox"/> 10 DAYS <input type="checkbox"/> 15 DAYS <input type="checkbox"/> 20 DAYS <input type="checkbox"/> 24 HOURS TEMPERATURE ON RECEIPT °C: _____			<b>PROJECT ADDRESS (Street, City and State):</b> 2990 Whitesville Rd LaGrange Georgia <b>PROJECT CONTACT (Report to):</b> Max Burmeister <b>CONSULTANT PROJECT NUMBER:</b> PT 69 / 27.222188.00 001 <b>SAMPLER NAME(S) (Print):</b> Ath Yun		
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<b>SPECIAL INSTRUCTIONS OR NOTES :</b>  		<b>REQUESTED ANALYSIS</b> if more than one method is listed, circle one <table border="1"> <tr> <td>(8260) Bromochloromethane, Bromodichloromethane, Tert-butylbenzene, Chloroform, 1,4-Dioxane, Ethyl Alcohol, 2-Hexanone, 4-Methyl-2-pentanone, MTBE, 1,2,4- Trimethylbenzene, 1,3,5- Trimethylbenzene</td> <td>(8270) Benzoic Acid, 3&amp;4- Methylp henol, Benzyl Alcohol</td> <td>(Total Metal 6010) Total Barium, Cobalt, Lead</td> <td>         Volatiles          Dissolved Metal          Dissolved Cobalt          Dissolved Lead       </td> <td>Container PID Readings or Laboratory Notes</td> </tr> </table>			(8260) Bromochloromethane, Bromodichloromethane, Tert-butylbenzene, Chloroform, 1,4-Dioxane, Ethyl Alcohol, 2-Hexanone, 4-Methyl-2-pentanone, MTBE, 1,2,4- Trimethylbenzene, 1,3,5- Trimethylbenzene	(8270) Benzoic Acid, 3&4- Methylp henol, Benzyl Alcohol	(Total Metal 6010) Total Barium, Cobalt, Lead	Volatiles Dissolved Metal Dissolved Cobalt Dissolved Lead	Container PID Readings or Laboratory Notes
(8260) Bromochloromethane, Bromodichloromethane, Tert-butylbenzene, Chloroform, 1,4-Dioxane, Ethyl Alcohol, 2-Hexanone, 4-Methyl-2-pentanone, MTBE, 1,2,4- Trimethylbenzene, 1,3,5- Trimethylbenzene	(8270) Benzoic Acid, 3&4- Methylp henol, Benzyl Alcohol	(Total Metal 6010) Total Barium, Cobalt, Lead	Volatiles Dissolved Metal Dissolved Cobalt Dissolved Lead	Container PID Readings or Laboratory Notes					

Field Sample Identification	DATE	TIME	MATRIX	HCL	HN03	H2SO4	NONE	ICE	NO. OF CONT.	(8260)	(8270)	(Total Metal 6010)	Volatiles	Dissolved Metal	Dissolved Cobalt	Dissolved Lead	Container PID Readings or Laboratory Notes
MW-12	3-10-17	12:03	W	X	X		X	X	7	X	X	X		X			
MW-13	3-10-17	14:28	W	X	X		X	X	7	X	X	X		X			
MW-14	3-10-17	16:05	W	X	X		X	X	7	X	X	X		X			
MW-15	3-11-17	12:22	W	X	X		X	X	7	X	X	X		X			
MW-16	3-9-17	16:00	W	X	X		X	X	7	X	X	X		X			
MW-17	3-9-17	15:30	W	X	X		X	X	7	X	X	X		X			
PZ-1	3-10-17	16:50	W	X	X		X	X	7	X	X	X		X			
PZ-2	3-11-17	13:09	W	X	X		X	X	7	X	X	X		X			
PZ-3	3-9-17	17:59	W	X	X		X	X	7	X	X	X		X			
SW-1	3-8-17	16:30	W	X	X		X	X	7	X	X	X		X			

Released by: (Signature) <i>Ath Yun</i>	Received by: (Signature) Fx	Date:	Time:
Released by: (Signature) Fx	Received by: (Signature) <i>[Signature]</i>	Date:	Time:
Released by: (Signature)	Received by: (Signature) <i>[Signature]</i>	Date:	Time:

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

3.0 3.6 3.4 2.8  
2.9 3.0

FA 42055

ACCUTEST

ECS Chain Of Custody Record

4405 Vineland Road  
Orlando, FL 32811  
407-425-6700

**ECS Project Manager:**  
 \_\_\_\_\_  
 Richard Stevens  
 \_\_\_\_\_

**Billing Information**  
 Pilot Travel Center LLC  
 5508 LONAS DRIVE  
 KNOXVILLE, TENNESSEE 37909  
 INVOICE NUMBER (SEE ONLY)  
 DATE: \_\_\_\_\_  
 PAGE: 3 of 3

**CONSULTANT COMPANY:**  
 Environmental Compliance Services, Inc.  
 ADDRESS: 9874 Main Street, Suite 100  
 CITY: Woodstock, GA 30188  
 TELEPHONE: (770) 926-9883 FAX: (770) 926-5383 EMAIL: rstevens@eciconsult.com  
 TURNAROUND TIME (BUSINESS DAYS):  
 STANDARD  10 DAYS  15 DAYS  20 DAYS  24 HOURS  
 TEMPERATURE ON RECEIPT °C

**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):** Art Jim

**SPECIAL INSTRUCTIONS OR NOTES :**

**REQUESTED ANALYSIS** if more than one method is listed, circle one

(8260) Bromochloromethane, Bromodichloromethane, Tert-butylbenzene, Chloroform, 1,4-Dioxane, Ethyl Alcohol, 2-Hexanone, 4-Methyl-2-pentanone, MTBE, 1,2,4- Trimethylbenzene, 1,3,5- Trimethylbenzene	(8270) Benzolic Acid, 3&4- Methylp henol, Benzyl Alcohol	(Total Metal 6010) Total Barium, Cobalt, Lead	Container PID Readings or Laboratory Notes
---	---	---	---

USE	Field Sample Identification	DATE	TIME	MATRIX	HCL	HNO3	H2SO4	NONE	ICE	NO. OF CONT.	(8260)	(8270)	(Total Metal 6010)	Container PID Readings or Laboratory Notes
31	SW-2	3-8-17	17:05	W	X	X		X	X	7	X	X	X	
32	SW-3	3-8-17	17:40	W	X	X		X	X	7	X	X	X	
33	SW-4	3-8-17	18:15	W	X	X		X	X	7	X	X	X	
34	SW-5	3-8-17	15:35	W	X	X		X	X	7	X	X	X	
35	SW-6	3-8-17	16:00	W	X	X		X	X	7	X	X	X	
36	MW-9	3/10/17	18:03	W	X	X		X	X	7	X	X	X	

Relinquished by: (Signature) <i>AB 7</i>	Date: 3-13-17	Time: 20:30	Received by: (Signature) <i>Fx</i>	Date:	Time:
Relinquished by: (Signature) <i>Fx</i>	Date:	Time:	Received by: (Signature) <i>Captal B</i>	Date: 03/14/17	Time: 1000
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

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

2.9 3.0 3.6 3.4 2.8  
7.0 3.0

4.1  
4

SGS ACCUTEST - ORLANDO SAMPLE RECEIPT CONFIRMATION

SGS ACCUTEST'S JOB NUMBER: FA 42055 CLIENT: ECS PROJECT: 2990 whitesville Rd  
 DATE/TIME RECEIVED: 03/14/17 1000 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 6  
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: \_\_\_\_\_  
 AIRBILL NUMBERS: 7858 9808 6038

**COOLER INFORMATION**

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET

**TRIP BLANK INFORMATION**

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

**MISC. INFORMATION**

NUMBER OF ENCORES ? 25-GRAM 5-GRAM  
 NUMBER OF 5035 FIELD KITS ? \_\_\_\_\_  
 NUMBER OF LAB FILTERED METALS ? \_\_\_\_\_

TEST STRIP LOT#s pH 0-3 230315 pH 10-12 219813A OTHER (specify) \_\_\_\_\_

SUMMARY OF COMMENTS:

Rec'd Ambers For 8270 in 250 mL  
Rec'd all Samples out of hold

TECHNICIAN SIGNATURE/DATE [Signature] 03/15/17 REVIEWER SIGNATURE/DATE KD 03/15/17  
 NF 02/16 receipt confirmation 020116.xls

**TEMPERATURE INFORMATION**

- IR THERM ID 1 CORR. FACTOR +0.4
- OBSERVED TEMPS: 2.6 3.2 3.0 2.4 2.5 2.6
- CORRECTED TEMPS: 3.0 3.6 3.4 2.8 2.9 3.0 (USED FOR LIMS)

**SAMPLE INFORMATION**

- INCORRECT NUMBER OF CONTAINERS USED
- SAMPLE RECEIVED IMPROPERLY PRESERVED
- INSUFFICIENT VOLUME FOR ANALYSIS
- DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- ID'S ON COC DO NOT MATCH LABEL
- VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- SAMPLE CONTAINER(S) RECEIVED BROKEN
- 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
- BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
- % SOLIDS JAR NOT RECEIVED
- RESIDUAL CHLORINE PRESENT LOT# \_\_\_\_\_

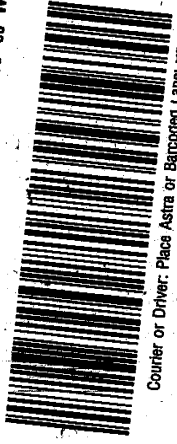
(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

1 of 5  
TUE - 14 MAR 3:00P  
STANDARD OVERNIGHT

IBN# 7858 9808 6038  
# MASTER #

**XH ORLA**

32811  
FL-US MCO



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**GC/MS Volatiles****5****QC Data Summaries**

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**Includes the following where applicable:**

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

# Method Blank Summary

Job Number: FA42055  
 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
VI1297-MB	I46305.D	1	03/16/17	WV	n/a	n/a	VI1297

The QC reported here applies to the following samples:

Method: SW846 8260B

FA42055-1, FA42055-2, FA42055-3, FA42055-4, FA42055-5, FA42055-7, FA42055-8, FA42055-9, FA42055-10, FA42055-11, FA42055-12, FA42055-13, FA42055-14, FA42055-15, FA42055-16, FA42055-17, FA42055-19, FA42055-20

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% 83-118%
17060-07-0	1,2-Dichloroethane-D4	102% 79-125%
2037-26-5	Toluene-D8	102% 85-112%
460-00-4	4-Bromofluorobenzene	100% 83-118%

5.1.1  
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# Method Blank Summary

Job Number: FA42055  
 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
VI1299-MB	I46363.D	1	03/18/17	WV	n/a	n/a	VI1299

The QC reported here applies to the following samples:

Method: SW846 8260B

FA42055-6, FA42055-18, FA42055-21

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	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	103%	83-118%

# Method Blank Summary

**Job Number:** FA42055  
**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
VB4850-MB	B120626.D	1	03/18/17	WV	n/a	n/a	VB4850

The QC reported here applies to the following samples: Method: SW846 8260B

FA42055-2, FA42055-3, FA42055-12, FA42055-13, FA42055-14, FA42055-15, FA42055-17

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	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	108%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

# Method Blank Summary

Job Number: FA42055  
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
VI1300-MB	I46391.D	1	03/20/17	WV	n/a	n/a	VI1300

The QC reported here applies to the following samples:

Method: SW846 8260B

FA42055-20

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	98%	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	99%	83-118%

# Method Blank Summary

Job Number: FA42055  
 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
VP1847-MB	P48981.D	1	03/21/17	SP	n/a	n/a	VP1847

The QC reported here applies to the following samples:

Method: SW846 8260B

FA42055-22, FA42055-23, FA42055-24, FA42055-25, FA42055-26

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	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

5.1.5  
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# Method Blank Summary

Job Number: FA42055  
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
VI1304-MB	I46518.D	1	03/23/17	WV	n/a	n/a	VI1304

The QC reported here applies to the following samples:

Method: SW846 8260B

FA42055-26

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	94%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	103%	83-118%

# Blank Spike Summary

Job Number: FA42055  
 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
VI1297-BS	I46304.D	1	03/16/17	WV	n/a	n/a	VI1297

The QC reported here applies to the following samples: Method: SW846 8260B

FA42055-1, FA42055-2, FA42055-3, FA42055-4, FA42055-5, FA42055-7, FA42055-8, FA42055-9, FA42055-10, FA42055-11, FA42055-12, FA42055-13, FA42055-14, FA42055-15, FA42055-16, FA42055-17, FA42055-19, FA42055-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-97-5	Bromochloromethane	25	24.8	99	76-123
75-27-4	Bromodichloromethane	25	27.9	112	79-123
98-06-6	tert-Butylbenzene	25	27.4	110	80-133
67-66-3	Chloroform	25	27.2	109	80-124
123-91-1	1,4-Dioxane	500	470	94	48-146
64-17-5	Ethyl Alcohol	500	551	110	46-145
591-78-6	2-Hexanone	125	133	106	61-129
108-10-1	4-Methyl-2-pentanone (MIBK)	125	128	102	66-122
1634-04-4	Methyl Tert Butyl Ether	25	23.9	96	72-117
95-63-6	1,2,4-Trimethylbenzene	25	29.5	118	79-120
108-67-8	1,3,5-Trimethylbenzene	25	30.1	120	79-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	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  
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# Blank Spike Summary

Job Number: FA42055  
 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
VI1299-BS	I46362.D	1	03/18/17	WV	n/a	n/a	VI1299

The QC reported here applies to the following samples:

Method: SW846 8260B

FA42055-6, FA42055-18, FA42055-21

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-97-5	Bromochloromethane	25	27.6	110	76-123
75-27-4	Bromodichloromethane	25	29.7	119	79-123
98-06-6	tert-Butylbenzene	25	28.0	112	80-133
67-66-3	Chloroform	25	28.6	114	80-124
123-91-1	1,4-Dioxane	500	466	93	48-146
64-17-5	Ethyl Alcohol	500	431	86	46-145
591-78-6	2-Hexanone	125	128	102	61-129
108-10-1	4-Methyl-2-pentanone (MIBK)	125	124	99	66-122
1634-04-4	Methyl Tert Butyl Ether	25	25.9	104	72-117
95-63-6	1,2,4-Trimethylbenzene	25	27.9	112	79-120
108-67-8	1,3,5-Trimethylbenzene	25	28.6	114	79-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	103%	83-118%

\* = Outside of Control Limits.

5.2.2  
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# Blank Spike Summary

Job Number: FA42055  
 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
VB4850-BS	B120625.D	1	03/18/17	WV	n/a	n/a	VB4850

The QC reported here applies to the following samples: Method: SW846 8260B

FA42055-2, FA42055-3, FA42055-12, FA42055-13, FA42055-14, FA42055-15, FA42055-17

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	500	408	82	48-146

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	107%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

\* = Outside of Control Limits.

5.2.3  
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# Blank Spike Summary

Job Number: FA42055  
 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
VI1300-BS	I46392.D	1	03/20/17	WV	n/a	n/a	VI1300

The QC reported here applies to the following samples:

Method: SW846 8260B

FA42055-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	500	403	81	48-146

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	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	99%	83-118%

\* = Outside of Control Limits.

# Blank Spike Summary

Job Number: FA42055  
 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
VP1847-BS	P48980.D	1	03/21/17	SP	n/a	n/a	VP1847

The QC reported here applies to the following samples:

Method: SW846 8260B

FA42055-22, FA42055-23, FA42055-24, FA42055-25, FA42055-26

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-97-5	Bromochloromethane	25	24.6	98	76-123
75-27-4	Bromodichloromethane	25	25.2	101	79-123
98-06-6	tert-Butylbenzene	25	25.7	103	80-133
67-66-3	Chloroform	25	25.8	103	80-124
123-91-1	1,4-Dioxane	500	492	98	48-146
64-17-5	Ethyl Alcohol	500	465	93	46-145
591-78-6	2-Hexanone	125	139	111	61-129
108-10-1	4-Methyl-2-pentanone (MIBK)	125	128	102	66-122
1634-04-4	Methyl Tert Butyl Ether	25	25.0	100	72-117
95-63-6	1,2,4-Trimethylbenzene	25	28.1	112	79-120
108-67-8	1,3,5-Trimethylbenzene	25	27.6	110	79-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

\* = Outside of Control Limits.

5.2.5  
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# Blank Spike Summary

Job Number: FA42055  
 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
VI1304-BS	I46517.D	1	03/23/17	WV	n/a	n/a	VI1304

The QC reported here applies to the following samples:

Method: SW846 8260B

FA42055-26

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	500	495	99	48-146

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

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA42055  
 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
FA42055-2MS	I46320.D	1	03/17/17	WV	n/a	n/a	VI1297
FA42055-2MSD	I46321.D	1	03/17/17	WV	n/a	n/a	VI1297
FA42055-2	I46307.D	1	03/16/17	WV	n/a	n/a	VI1297

The QC reported here applies to the following samples:

Method: SW846 8260B

FA42055-1, FA42055-2, FA42055-3, FA42055-4, FA42055-5, FA42055-7, FA42055-8, FA42055-9, FA42055-10, FA42055-11, FA42055-12, FA42055-13, FA42055-14, FA42055-15, FA42055-16, FA42055-17, FA42055-19, FA42055-20

CAS No.	Compound	FA42055-2 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
74-97-5	Bromochloromethane	ND	25	24.8	99	25	24.8	99	0	76-123/14
75-27-4	Bromodichloromethane	ND	25	27.2	109	25	26.2	105	4	79-123/19
98-06-6	tert-Butylbenzene	ND	25	24.9	100	25	27.7	111	11	80-133/16
67-66-3	Chloroform	ND	25	27.4	110	25	27.0	108	1	80-124/15
123-91-1	1,4-Dioxane	38500	E 500	21100	-3480*	<sup>a</sup> 500	32300	-1240*	<sup>a</sup> 42*	48-146/34
64-17-5	Ethyl Alcohol	ND	500	396	79	500	482	96	20	46-145/30
591-78-6	2-Hexanone	ND	125	127	102	125	140	112	10	61-129/18
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	125	122	98	125	133	106	9	66-122/16
1634-04-4	Methyl Tert Butyl Ether	1.0	25	23.4	90	25	25.6	98	9	72-117/14
95-63-6	1,2,4-Trimethylbenzene	ND	25	27.4	110	25	29.9	120	9	79-120/18
108-67-8	1,3,5-Trimethylbenzene	ND	25	27.8	111	25	30.3	121*	9	79-120/19

CAS No.	Surrogate Recoveries	MS	MSD	FA42055-2	Limits
1868-53-7	Dibromofluoromethane	103%	102%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	108%	106%	103%	79-125%
2037-26-5	Toluene-D8	98%	98%	102%	85-112%
460-00-4	4-Bromofluorobenzene	97%	103%	98%	83-118%

(a) Outside control limits due to high level in sample relative to spike amount.

\* = Outside of Control Limits.

5.3.1  
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# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA42055  
 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
FA42139-2MS	I46372.D	1	03/18/17	WV	n/a	n/a	VI1299
FA42139-2MSD	I46373.D	1	03/18/17	WV	n/a	n/a	VI1299
FA42139-2 <sup>a</sup>	I46365.D	1	03/18/17	WV	n/a	n/a	VI1299

The QC reported here applies to the following samples:

Method: SW846 8260B

FA42055-6, FA42055-18, FA42055-21

CAS No.	Compound	FA42139-2 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
74-97-5	Bromochloromethane	1.0 U	25	27.3	109	25	25.2	101	8	76-123/14
75-27-4	Bromodichloromethane	1.0 U	25	28.6	114	25	26.4	106	8	79-123/19
98-06-6	tert-Butylbenzene	1.0 U	25	28.7	115	25	26.3	105	9	80-133/16
67-66-3	Chloroform	1.0 U	25	28.9	116	25	25.8	103	11	80-124/15
123-91-1	1,4-Dioxane	200 U	500	518	104	500	477	95	8	48-146/34
64-17-5	Ethyl Alcohol	200 U	500	487	97	500	492	98	1	46-145/30
591-78-6	2-Hexanone	10 U	125	107	86	125	115	92	7	61-129/18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0 U	125	106	85	125	115	92	8	66-122/16
1634-04-4	Methyl Tert Butyl Ether	1.0 U	25	24.6	98	25	23.1	92	6	72-117/14
95-63-6	1,2,4-Trimethylbenzene	1.0 U	25	28.6	114	25	26.8	107	6	79-120/18
108-67-8	1,3,5-Trimethylbenzene	1.0 U	25	29.9	120	25	26.9	108	11	79-120/19

CAS No.	Surrogate Recoveries	MS	MSD	FA42139-2	Limits
1868-53-7	Dibromofluoromethane	101%	99%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	102%	99%	79-125%
2037-26-5	Toluene-D8	99%	102%	100%	85-112%
460-00-4	4-Bromofluorobenzene	102%	98%	100%	83-118%

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

\* = Outside of Control Limits.

5.3.2  
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# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA42055  
 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
FA42055-2MS	B120641.D	100	03/18/17	WV	n/a	n/a	VB4850
FA42055-2MSD	B120642.D	100	03/18/17	WV	n/a	n/a	VB4850
FA42055-2	B120643.D	100	03/18/17	WV	n/a	n/a	VB4850

The QC reported here applies to the following samples: Method: SW846 8260B

FA42055-2, FA42055-3, FA42055-12, FA42055-13, FA42055-14, FA42055-15, FA42055-17

CAS No.	Compound	FA42055-2 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	25500	50000	59600	68	50000	61200	71	3	48-146/34

CAS No.	Surrogate Recoveries	MS	MSD	FA42055-2	Limits
1868-53-7	Dibromofluoromethane	99%	100%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	99%	99%	79-125%
2037-26-5	Toluene-D8	94%	98%	100%	85-112%
460-00-4	4-Bromofluorobenzene	97%	97%	98%	83-118%

\* = Outside of Control Limits.

5.3.3  
5

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA42055  
 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
FA42093-1MS	I46407.D	500	03/20/17	WV	n/a	n/a	VI1300
FA42093-1MSD	I46408.D	500	03/20/17	WV	n/a	n/a	VI1300
FA42093-1	I46397.D	500	03/20/17	WV	n/a	n/a	VI1300

The QC reported here applies to the following samples:

Method: SW846 8260B

FA42055-20

CAS No.	Compound	FA42093-1 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	ND	250000	222000	89	250000	217000	87	2	48-146/34

CAS No.	Surrogate Recoveries	MS	MSD	FA42093-1	Limits
1868-53-7	Dibromofluoromethane	102%	101%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	101%	99%	79-125%
2037-26-5	Toluene-D8	100%	101%	97%	85-112%
460-00-4	4-Bromofluorobenzene	100%	101%	100%	83-118%

\* = Outside of Control Limits.

5.3.4  
 5

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA42055  
 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
FA42068-12MS	P49002.D	1	03/21/17	SP	n/a	n/a	VP1847
FA42068-12MSD	P49003.D	1	03/21/17	SP	n/a	n/a	VP1847
FA42068-12	P48983.D	1	03/21/17	SP	n/a	n/a	VP1847

The QC reported here applies to the following samples:

Method: SW846 8260B

FA42055-22, FA42055-23, FA42055-24, FA42055-25, FA42055-26

CAS No.	Compound	FA42068-12 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
74-97-5	Bromochloromethane	1.0 U	25	23.2	93	25	24.2	97	4	76-123/14
75-27-4	Bromodichloromethane	1.0 U	25	24.5	98	25	24.9	100	2	79-123/19
98-06-6	tert-Butylbenzene	1.0 U	25	26.4	106	25	27.1	108	3	80-133/16
67-66-3	Chloroform	1.0 U	25	25.5	102	25	25.8	103	1	80-124/15
123-91-1	1,4-Dioxane	200 U	500	424	85	500	464	93	9	48-146/34
64-17-5	Ethyl Alcohol	200 U	500	456	91	500	470	94	3	46-145/30
591-78-6	2-Hexanone	10 U	125	135	108	125	139	111	3	61-129/18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0 U	125	126	101	125	130	104	3	66-122/16
1634-04-4	Methyl Tert Butyl Ether	1.0 U	25	24.0	96	25	24.6	98	2	72-117/14
95-63-6	1,2,4-Trimethylbenzene	1.0 U	25	28.2	113	25	28.8	115	2	79-120/18
108-67-8	1,3,5-Trimethylbenzene	1.0 U	25	28.2	113	25	28.9	116	2	79-120/19

CAS No.	Surrogate Recoveries	MS	MSD	FA42068-12	Limits
1868-53-7	Dibromofluoromethane	100%	99%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	103%	101%	79-125%
2037-26-5	Toluene-D8	100%	102%	98%	85-112%
460-00-4	4-Bromofluorobenzene	97%	99%	98%	83-118%

\* = Outside of Control Limits.

5.3.5  
 5

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA42055  
 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
FA42055-26MS	I46522.D	10	03/23/17	WV	n/a	n/a	VI1304
FA42055-26MSD	I46523.D	10	03/23/17	WV	n/a	n/a	VI1304
FA42055-26	I46521.D	10	03/23/17	WV	n/a	n/a	VI1304

The QC reported here applies to the following samples:

Method: SW846 8260B

FA42055-26

CAS No.	Compound	FA42055-26 ug/l	Spike Q	ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	6020	5000	10400	88	5000	10300	86	1	48-146/34	

CAS No.	Surrogate Recoveries	MS	MSD	FA42055-26	Limits
1868-53-7	Dibromofluoromethane	101%	99%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	101%	100%	79-125%
2037-26-5	Toluene-D8	99%	99%	103%	85-112%
460-00-4	4-Bromofluorobenzene	99%	103%	99%	83-118%

\* = Outside of Control Limits.

5.3.6  
5

## GC/MS Semi-volatiles

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### QC Data Summaries

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**Includes the following where applicable:**

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

# Method Blank Summary

Job Number: FA42055  
 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
OP64184-MB	X053140.D	1	03/26/17	NG	03/15/17	OP64184	SX2250

The QC reported here applies to the following samples:

Method: SW846 8270D

FA42055-1, FA42055-2, FA42055-5, FA42055-6, FA42055-7, FA42055-9, FA42055-10, FA42055-11, FA42055-12, FA42055-13, FA42055-15, FA42055-17, FA42055-19, FA42055-20, FA42055-21, FA42055-22, FA42055-23, FA42055-24, FA42055-25, FA42055-26

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	200	40	ug/l	
	3&4-Methylphenol	ND	20	3.9	ug/l	
100-51-6	Benzyl Alcohol	ND	20	2.5	ug/l	

CAS No.	Surrogate Recoveries	Limits
367-12-4	2-Fluorophenol	45% 14-67%
4165-62-2	Phenol-d5	36% 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	78% 40-106%
1718-51-0	Terphenyl-d14	96% 39-121%

6.1.1

6

# Method Blank Summary

**Job Number:** FA42055  
**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
OP64189-MB	L0690548.D	1	03/23/17	NG	03/16/17	OP64189	SL3974

The QC reported here applies to the following samples:

Method: SW846 8270D

FA42055-16

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	23% 14-67%
4165-62-2	Phenol-d5	17% 10-50%
118-79-6	2,4,6-Tribromophenol	72% 33-118%
4165-60-0	Nitrobenzene-d5	63% 42-108%
321-60-8	2-Fluorobiphenyl	65% 40-106%
1718-51-0	Terphenyl-d14	73% 39-121%

# Method Blank Summary

Job Number: FA42055  
 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
OP64189-MB	4D871.D	1	03/24/17	NG	03/16/17	OP64189	S4D29

The QC reported here applies to the following samples:

Method: SW846 8270D

FA42055-16

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	21%	14-67%
4165-62-2	Phenol-d5	14%	10-50%
118-79-6	2,4,6-Tribromophenol	65%	33-118%
4165-60-0	Nitrobenzene-d5	54%	42-108%
321-60-8	2-Fluorobiphenyl	58%	40-106%
1718-51-0	Terphenyl-d14	73%	39-121%

6.1.3  
6

# Method Blank Summary

**Job Number:** FA42055  
**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
OP64210-MB	X053043.D	1	03/22/17	NG	03/17/17	OP64210	SX2246

The QC reported here applies to the following samples:

Method: SW846 8270D

FA42055-3, FA42055-4, FA42055-8, FA42055-14, FA42055-18

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	33% 14-67%
4165-62-2	Phenol-d5	32% 10-50%
118-79-6	2,4,6-Tribromophenol	85% 33-118%
4165-60-0	Nitrobenzene-d5	77% 42-108%
321-60-8	2-Fluorobiphenyl	76% 40-106%
1718-51-0	Terphenyl-d14	95% 39-121%

# Blank Spike Summary

Job Number: FA42055  
 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
OP64184-BS	X053139.D	1	03/26/17	NG	03/15/17	OP64184	SX2250

The QC reported here applies to the following samples:

Method: SW846 8270D

FA42055-1, FA42055-2, FA42055-5, FA42055-6, FA42055-7, FA42055-9, FA42055-10, FA42055-11, FA42055-12, FA42055-13, FA42055-15, FA42055-17, FA42055-19, FA42055-20, FA42055-21, FA42055-22, FA42055-23, FA42055-24, FA42055-25, FA42055-26

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	400	156	39	10-69
	3&4-Methylphenol	400	235	59	36-88
100-51-6	Benzyl Alcohol	200	125	63	46-94

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	43%	14-67%
4165-62-2	Phenol-d5	31%	10-50%
118-79-6	2,4,6-Tribromophenol	100%	33-118%
4165-60-0	Nitrobenzene-d5	71%	42-108%
321-60-8	2-Fluorobiphenyl	81%	40-106%
1718-51-0	Terphenyl-d14	76%	39-121%

\* = Outside of Control Limits.

# Blank Spike Summary

Job Number: FA42055  
 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
OP64189-BS	L0690547.D	1	03/23/17	NG	03/16/17	OP64189	SL3974

The QC reported here applies to the following samples:

Method: SW846 8270D

FA42055-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	24.6	25	10-69
	3&4-Methylphenol	100	60.1	60	36-88
100-51-6	Benzyl Alcohol	50	34.6	69	46-94

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	44%	14-67%
4165-62-2	Phenol-d5	31%	10-50%
118-79-6	2,4,6-Tribromophenol	96%	33-118%
4165-60-0	Nitrobenzene-d5	86%	42-108%
321-60-8	2-Fluorobiphenyl	88%	40-106%
1718-51-0	Terphenyl-d14	87%	39-121%

\* = Outside of Control Limits.

# Blank Spike Summary

Job Number: FA42055  
 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
OP64189-BS	4D869.D	1	03/24/17	NG	03/16/17	OP64189	S4D29

The QC reported here applies to the following samples:

Method: SW846 8270D

FA42055-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	25.0	25	10-69
	3&4-Methylphenol	100	57.3	57	36-88
100-51-6	Benzyl Alcohol	50	33.9	68	46-94

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	39%	14-67%
4165-62-2	Phenol-d5	25%	10-50%
118-79-6	2,4,6-Tribromophenol	90%	33-118%
4165-60-0	Nitrobenzene-d5	82%	42-108%
321-60-8	2-Fluorobiphenyl	85%	40-106%
1718-51-0	Terphenyl-d14	89%	39-121%

\* = Outside of Control Limits.

# Blank Spike Summary

Job Number: FA42055  
 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
OP64189-BS2	4D870.D	1	03/24/17	NG	03/16/17	OP64189	S4D29

The QC reported here applies to the following samples:

Method: SW846 8270D

FA42055-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
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CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	30%	14-67%
4165-62-2	Phenol-d5	19%	10-50%
118-79-6	2,4,6-Tribromophenol	78%	33-118%
4165-60-0	Nitrobenzene-d5	73%	42-108%
321-60-8	2-Fluorobiphenyl	75%	40-106%
1718-51-0	Terphenyl-d14	77%	39-121%

\* = Outside of Control Limits.

# Blank Spike Summary

Job Number: FA42055  
 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
OP64210-BS	X053042.D	1	03/22/17	NG	03/17/17	OP64210	SX2246

The QC reported here applies to the following samples:

Method: SW846 8270D

FA42055-3, FA42055-4, FA42055-8, FA42055-14, FA42055-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	20.3	20	10-69
	3&4-Methylphenol	100	47.4	47	36-88
100-51-6	Benzyl Alcohol	50	26.6	53	46-94

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	33%	14-67%
4165-62-2	Phenol-d5	32%	10-50%
118-79-6	2,4,6-Tribromophenol	88%	33-118%
4165-60-0	Nitrobenzene-d5	76%	42-108%
321-60-8	2-Fluorobiphenyl	78%	40-106%
1718-51-0	Terphenyl-d14	84%	39-121%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA42055  
 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
OP64184-MS	X053142.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
OP64184-MSD	X053143.D	1	03/26/17	NG	03/15/17	OP64184	SX2250
FA42055-1	X053141.D	1	03/26/17	NG	03/15/17	OP64184	SX2250

The QC reported here applies to the following samples:

Method: SW846 8270D

FA42055-1, FA42055-2, FA42055-5, FA42055-6, FA42055-7, FA42055-9, FA42055-10, FA42055-11, FA42055-12, FA42055-13, FA42055-15, FA42055-17, FA42055-19, FA42055-20, FA42055-21, FA42055-22, FA42055-23, FA42055-24, FA42055-25, FA42055-26

CAS No.	Compound	FA42055-1 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND	769	527	69	769	561	73*	6	10-69/39
	3&4-Methylphenol	ND	769	603	78	769	572	74	5	36-88/28
100-51-6	Benzyl Alcohol	ND	385	288	75	385	281	73	2	46-94/27

CAS No.	Surrogate Recoveries	MS	MSD	FA42055-1	Limits
367-12-4	2-Fluorophenol	64%	63%	39%	14-67%
4165-62-2	Phenol-d5	59%* a	58%* a	32%	10-50%
118-79-6	2,4,6-Tribromophenol	115%	118%	105%	33-118%
4165-60-0	Nitrobenzene-d5	81%	75%	65%	42-108%
321-60-8	2-Fluorobiphenyl	91%	87%	71%	40-106%
1718-51-0	Terphenyl-d14	92%	90%	95%	39-121%

(a) Outside control limits.

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA42055  
 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
OP64189-MS	L0690550.D	1	03/23/17	NG	03/16/17	OP64189	SL3974
OP64189-MSD	L0690551.D	1	03/23/17	NG	03/16/17	OP64189	SL3974
FA41936-1	L0690549.D	1	03/23/17	NG	03/16/17	OP64189	SL3974

The QC reported here applies to the following samples:

Method: SW846 8270D

FA42055-16

CAS No.	Compound	FA41936-1 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	48 U	192	81.1	42	192	73.5	38	10	10-69/39
	3&4-Methylphenol	4.8 U	192	139	72	192	126	66	10	36-88/28
100-51-6	Benzyl Alcohol	4.8 U	96.2	74.9	78	96.2	69.9	73	7	46-94/27

CAS No.	Surrogate Recoveries	MS	MSD	FA41936-1	Limits
367-12-4	2-Fluorophenol	57%	53%	21%	14-67%
4165-62-2	Phenol-d5	45%	43%	17%	10-50%
118-79-6	2,4,6-Tribromophenol	98%	90%	85%	33-118%
4165-60-0	Nitrobenzene-d5	83%	77%	68%	42-108%
321-60-8	2-Fluorobiphenyl	89%	82%	69%	40-106%
1718-51-0	Terphenyl-d14	86%	83%	53%	39-121%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA42055  
 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
OP64210-MS	X053045.D	1	03/22/17	NG	03/17/17	OP64210	SX2246
OP64210-MSD	X053046.D	1	03/22/17	NG	03/17/17	OP64210	SX2246
FA42031-7	X053044.D	1	03/22/17	NG	03/17/17	OP64210	SX2246

The QC reported here applies to the following samples:

Method: SW846 8270D

FA42055-3, FA42055-4, FA42055-8, FA42055-14, FA42055-18

CAS No.	Compound	FA42031-7 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND	192	31.6	16	192	30.1	16	5	10-69/39
	3&4-Methylphenol	ND	192	138	72	192	112	58	21	36-88/28
100-51-6	Benzyl Alcohol	ND	96.2	72.4	75	96.2	62.1	65	15	46-94/27

CAS No.	Surrogate Recoveries	MS	MSD	FA42031-7	Limits
367-12-4	2-Fluorophenol	56%	42%	17%	14-67%
4165-62-2	Phenol-d5	65%* a	45%	18%	10-50%
118-79-6	2,4,6-Tribromophenol	104%	97%	103%	33-118%
4165-60-0	Nitrobenzene-d5	85%	78%	69%	42-108%
321-60-8	2-Fluorobiphenyl	93%	82%	72%	40-106%
1718-51-0	Terphenyl-d14	97%	87%	77%	39-121%

(a) Outside control limits.

\* = Outside of Control Limits.

## **Metals Analysis**

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### **QC Data Summaries**

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**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: FA42055  
Account: PILOTSS - Pilot Travel Centers LLC  
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31828  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 03/22/17 03/22/17

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	-0.10	<50	-0.20	<50
Copper	25	1	1				
Iron	300	17	17				
Lead	5.0	1	1.1	-0.60	<5.0	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 MP31828: FA42055-1F, FA42055-2F, FA42055-3F, FA42055-5F, FA42055-6F, FA42055-7F, FA42055-9F, FA42055-10F, FA42055-11F, FA42055-12F, FA42055-13F, FA42055-15F, FA42055-16F, FA42055-19F, FA42055-20F, FA42055-21F, FA42055-22F, FA42055-23F, FA42055-24F, FA42055-25F

Results < IDL are shown as zero for calculation purposes  
(\* ) Outside of QC limits  
(anr) Analyte not requested

7.1.1  
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31828  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 03/22/17 03/22/17

Metal	FA42055-20F Original DUP		RPD	QC Limits	FA42055-20F Original MS		Spikelot MPFLICP2	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt	0.50	0.40	22.2 (a)	0-20	0.50	517	500	103.3	80-120
Copper									
Iron									
Lead	0.0	0.0	NC	0-20	0.0	501	500	100.2	80-120
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

Associated samples MP31828: FA42055-1F, FA42055-2F, FA42055-3F, FA42055-5F, FA42055-6F, FA42055-7F, FA42055-9F, FA42055-10F, FA42055-11F, FA42055-12F, FA42055-13F, FA42055-15F, FA42055-16F, FA42055-19F, FA42055-20F, FA42055-21F, FA42055-22F, FA42055-23F, FA42055-24F, FA42055-25F

Results < 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.

7.1.2  
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31828  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 03/22/17

Metal	FA42055-20F Original MSD	SpikeLot MPFLICP2 % Rec	MSD RPD	QC Limit		
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt	0.50	527	500	105.3	1.9	20
Copper						
Iron						
Lead	0.0	511	500	102.2	2.0	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc						

Associated samples MP31828: FA42055-1F, FA42055-2F, FA42055-3F, FA42055-5F, FA42055-6F, FA42055-7F, FA42055-9F, FA42055-10F, FA42055-11F, FA42055-12F, FA42055-13F, FA42055-15F, FA42055-16F, FA42055-19F, FA42055-20F, FA42055-21F, FA42055-22F, FA42055-23F, FA42055-24F, FA42055-25F

Results < 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: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31828  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 03/22/17

Metal	BSP Result	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt	522	500	104.4	80-120
Copper				
Iron				
Lead	498	500	99.6	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP31828: FA42055-1F, FA42055-2F, FA42055-3F, FA42055-5F, FA42055-6F, FA42055-7F, FA42055-9F, FA42055-10F, FA42055-11F, FA42055-12F, FA42055-13F, FA42055-15F, FA42055-16F, FA42055-19F, FA42055-20F, FA42055-21F, FA42055-22F, FA42055-23F, FA42055-24F, FA42055-25F

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

7.1.3  
7

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31828  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 03/22/17

Metal	FA42055-20F Original SDL 1:5	%DIF	QC Limits
Aluminum			
Antimony			
Arsenic			
Barium			
Beryllium			
Cadmium			
Calcium			
Chromium			
Cobalt	0.500	0.00	100.0(a) 0-10
Copper			
Iron			
Lead	0.00	0.00	NC 0-10
Magnesium			
Manganese			
Molybdenum			
Nickel			
Potassium			
Selenium			
Silver			
Sodium			
Strontium			
Thallium			
Tin			
Titanium			
Vanadium			
Zinc			

Associated samples MP31828: FA42055-1F, FA42055-2F, FA42055-3F, FA42055-5F, FA42055-6F, FA42055-7F, FA42055-9F, FA42055-10F, FA42055-11F, FA42055-12F, FA42055-13F, FA42055-15F, FA42055-16F, FA42055-19F, FA42055-20F, FA42055-21F, FA42055-22F, FA42055-23F, FA42055-24F, FA42055-25F

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).

7.1.4  
 7

POST DIGESTATE SPIKE SUMMARY

Login Number: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31828  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date:

03/22/17

Metal	Sample ml	Final ml	FA42055-20F Raw	PS Corr.**	PS 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	.5	.49	54.1	0.2	2.5	50	107.2	80-120
Copper										
Iron										
Lead	9.8	10			50.6	0.2	2.5	50	101.2	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP31828: FA42055-1F, FA42055-2F, FA42055-3F, FA42055-5F, FA42055-6F, FA42055-7F, FA42055-9F, FA42055-10F, FA42055-11F, FA42055-12F, FA42055-13F, FA42055-15F, FA42055-16F, FA42055-19F, FA42055-20F, FA42055-21F, FA42055-22F, FA42055-23F, FA42055-24F, FA42055-25F

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

7.1.5  
7

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: FA42055  
Account: PILOTSS - Pilot Travel Centers LLC  
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31829  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 03/22/17 03/22/17

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	-0.10	<50	-0.20	<50
Copper	25	1	1				
Iron	300	17	17				
Lead	5.0	1	1.1	0.0	<5.0	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 MP31829: FA42055-4F, FA42055-8F, FA42055-14F, FA42055-17F, FA42055-18F, FA42055-26F

Results < IDL are shown as zero for calculation purposes  
(\* ) Outside of QC limits  
(anr) Analyte not requested

7.2.1  
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31829  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 03/22/17 03/22/17

Metal	FA42055-4F Original	DUP	RPD	QC Limits	FA42055-4F Original MS	Spikelot MPFLICP2	% Rec	QC Limits	
Aluminum	anr								
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium	anr								
Cobalt	648	633	2.3	0-20	648	1130	500	96.4	80-120
Copper	anr								
Iron	anr								
Lead	1.3	1.0	26.1 (a)	0-20	1.3	490	500	97.7	80-120
Magnesium									
Manganese	anr								
Molybdenum	anr								
Nickel	anr								
Potassium									
Selenium									
Silver									
Sodium	anr								
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc	anr								

Associated samples MP31829: FA42055-4F, FA42055-8F, FA42055-14F, FA42055-17F, FA42055-18F, FA42055-26F

Results < 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.

7.22  
 7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31829  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 03/22/17

Metal	FA42055-4F Original MSD	SpikeLot MPFLICP2 % Rec	MSD RPD	QC Limit		
Aluminum	anr					
Antimony						
Arsenic						
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium	anr					
Cobalt	648	1140	500	98.4	0.9	20
Copper	anr					
Iron	anr					
Lead	1.3	494	500	98.5	0.8	20
Magnesium						
Manganese	anr					
Molybdenum	anr					
Nickel	anr					
Potassium						
Selenium						
Silver						
Sodium	anr					
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc	anr					

Associated samples MP31829: FA42055-4F, FA42055-8F, FA42055-14F, FA42055-17F, FA42055-18F, FA42055-26F

Results < 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: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31829  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 03/22/17

Metal	BSP Result	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum	anr			
Antimony				
Arsenic				
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium	anr			
Cobalt	518	500	103.6	80-120
Copper	anr			
Iron	anr			
Lead	487	500	97.4	80-120
Magnesium				
Manganese	anr			
Molybdenum	anr			
Nickel	anr			
Potassium				
Selenium				
Silver				
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc	anr			

Associated samples MP31829: FA42055-4F, FA42055-8F, FA42055-14F, FA42055-17F, FA42055-18F, FA42055-26F

Results < 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: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31829  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 03/22/17

Metal	FA42055-4F Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony				
Arsenic				
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium	anr			
Cobalt	648	662	2.1	0-10
Copper	anr			
Iron	anr			
Lead	1.30	0.00	100.0(a)	0-10
Magnesium				
Manganese	anr			
Molybdenum	anr			
Nickel	anr			
Potassium				
Selenium				
Silver				
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc	anr			

Associated samples MP31829: FA42055-4F, FA42055-8F, FA42055-14F, FA42055-17F, FA42055-18F, FA42055-26F

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).

7.2.4  
7

POST DIGESTATE SPIKE SUMMARY

Login Number: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31829  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date:

03/22/17

Metal	Sample ml	Final ml	FA42055-4F Raw	PS Corr.**	PS 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	648.3	635.334	684.1	0.2	2.5	50	97.5	80-120
Copper										
Iron										
Lead	9.8	10	1.3	1.274	48.2	0.2	2.5	50	93.9	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP31829: FA42055-4F, FA42055-8F, FA42055-14F, FA42055-17F, FA42055-18F, FA42055-26F

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

7.2.5  
7

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: FA42055  
Account: PILOTSS - Pilot Travel Centers LLC  
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31837  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 03/23/17

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	-0.10	<200
Beryllium	4.0	.2	.2		
Cadmium	5.0	.2	.2		
Calcium	1000	50	50		
Chromium	10	1	1		
Cobalt	50	.2	.2	-0.10	<50
Copper	25	1	1		
Iron	300	17	17		
Lead	5.0	1	1.1	-0.70	<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 MP31837: 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

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: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31837  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 03/23/17 03/23/17

Metal	FA41913-15 Original	DUP	RPD	QC Limits	FA41913-15 Original MS	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum	anr							
Antimony								
Arsenic								
Barium	60.4	61.7	2.1	0-20	60.4	2100	2000	102.0 80-120
Beryllium								
Cadmium								
Calcium								
Chromium	anr							
Cobalt	25.9	26.9	3.8	0-20	25.9	517	500	98.2 80-120
Copper	anr							
Iron	anr							
Lead	0.0	0.0	NC	0-20	0.0	477	500	95.4 80-120
Magnesium								
Manganese	anr							
Molybdenum	anr							
Nickel	anr							
Potassium								
Selenium								
Silver								
Sodium								
Strontium								
Thallium								
Tin								
Titanium								
Vanadium								
Zinc	anr							

Associated samples MP31837: 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

Results < 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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31837  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 03/23/17

Metal	FA41913-15 Original MSD	SpikeLot MPFLICP2 % Rec	MSD RPD	QC Limit		
Aluminum	anr					
Antimony						
Arsenic						
Barium	60.4	2060	2000	100.0	1.9	20
Beryllium						
Cadmium						
Calcium						
Chromium	anr					
Cobalt	25.9	504	500	95.6	2.5	20
Copper	anr					
Iron	anr					
Lead	0.0	472	500	94.4	1.1	20
Magnesium						
Manganese	anr					
Molybdenum	anr					
Nickel	anr					
Potassium						
Selenium						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc	anr					

Associated samples MP31837: 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

Results < 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: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31837  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 03/23/17

Metal	BSP Result	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum	anr			
Antimony				
Arsenic				
Barium	2100	2000	105.0	80-120
Beryllium				
Cadmium				
Calcium				
Chromium	anr			
Cobalt	505	500	101.0	80-120
Copper	anr			
Iron	anr			
Lead	488	500	97.6	80-120
Magnesium				
Manganese	anr			
Molybdenum	anr			
Nickel	anr			
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc	anr			

Associated samples MP31837: 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

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

7.3.3  
7

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31837  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 03/23/17

Metal	FA41913-15 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony				
Arsenic				
Barium	60.4	62.8	4.0	0-10
Beryllium				
Cadmium				
Calcium				
Chromium	anr			
Cobalt	25.9	28.0	8.1	0-10
Copper	anr			
Iron	anr			
Lead	0.00	0.00	NC	0-10
Magnesium				
Manganese	anr			
Molybdenum	anr			
Nickel	anr			
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc	anr			

Associated samples MP31837: 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

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

7.3.4  
7

POST DIGESTATE SPIKE SUMMARY

Login Number: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31837  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date:

03/23/17

Metal	Sample ml	Final ml	FA41913-15 Raw	PS Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium	9.8	10	60.4	59.192	322.1	0.2	12.5	250	105.2	80-120
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt	9.8	10	25.9	25.382	77.4	0.2	2.5	50	104.0	80-120
Copper										
Iron										
Lead	9.8	10			46.5	0.2	2.5	50	93.0	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP31837: 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

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

7.3.5  
 7

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: FA42055  
Account: PILOTSS - Pilot Travel Centers LLC  
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31838  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 03/23/17

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	-1.0	<200
Beryllium	4.0	.2	.2		
Cadmium	5.0	.2	.2		
Calcium	1000	50	50		
Chromium	10	1	1		
Cobalt	50	.2	.2	-0.40	<50
Copper	25	1	1		
Iron	300	17	17		
Lead	5.0	1	1.1	-1.1	<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 MP31838: FA42055-16, FA42055-17, FA42055-18, FA42055-19, FA42055-20, FA42055-21, FA42055-22, FA42055-23, FA42055-24, FA42055-25, FA42055-26

Results < IDL are shown as zero for calculation purposes  
(\* ) Outside of QC limits  
(anr) Analyte not requested

7.4.1  
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31838  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 03/23/17 03/23/17

Metal	FA42055-16 Original DUP		RPD	QC Limits	FA42055-16 Original MS		Spikelot MPFLICP2	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium	24.9	23.5	5.8	0-20	24.9	2000	2000	98.8	80-120
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt	0.0	0.0	NC	0-20	0.0	499	500	99.8	80-120
Copper									
Iron									
Lead	0.0	0.0	NC	0-20	0.0	487	500	97.4	80-120
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium	anr								
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

Associated samples MP31838: FA42055-16, FA42055-17, FA42055-18, FA42055-19, FA42055-20, FA42055-21, FA42055-22, FA42055-23, FA42055-24, FA42055-25, FA42055-26

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested

7.4.2  
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31838  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 03/23/17

Metal	FA42055-16 Original MSD		SpikeLot MPFLICP2 % Rec		MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium	24.9	2030	2000	100.3	1.5	20
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt	0.0	508	500	101.6	1.8	20
Copper						
Iron						
Lead	0.0	497	500	99.4	2.0	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium	anr					
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc						

Associated samples MP31838: FA42055-16, FA42055-17, FA42055-18, FA42055-19, FA42055-20, FA42055-21, FA42055-22, FA42055-23, FA42055-24, FA42055-25, FA42055-26

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested

7.4.2  
7

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31838  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 03/23/17

Metal	BSP Result	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt	516	500	103.2	80-120
Copper				
Iron				
Lead	505	500	101.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP31838: FA42055-16, FA42055-17, FA42055-18, FA42055-19, FA42055-20, FA42055-21, FA42055-22, FA42055-23, FA42055-24, FA42055-25, FA42055-26

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

7.4.3  
7

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31838  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 03/23/17

Metal	FA42055-16 Original SDL 1:5		%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium	24.9	20.6	17.3 (a)	0-10
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt	0.00	0.00	NC	0-10
Copper				
Iron				
Lead	0.00	0.00	NC	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP31838: FA42055-16, FA42055-17, FA42055-18, FA42055-19, FA42055-20, FA42055-21, FA42055-22, FA42055-23, FA42055-24, FA42055-25, FA42055-26

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).

7.4.4  
7

POST DIGESTATE SPIKE SUMMARY

Login Number: FA42055  
 Account: PILOTSS - Pilot Travel Centers LLC  
 Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA

QC Batch ID: MP31838  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date:

03/23/17

Metal	Sample ml	Final ml	FA42055-16 Raw	PS Corr.** ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium	9.8	10	24.9	24.402	283.8	0.2	12.5	250	103.8 80-120
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt	9.8	10			52.1	0.2	2.5	50	104.2 80-120
Copper									
Iron									
Lead	9.8	10			49	0.2	2.5	50	98.0 80-120
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

Associated samples MP31838: FA42055-16, FA42055-17, FA42055-18, FA42055-19, FA42055-20, FA42055-21, FA42055-22, FA42055-23, FA42055-24, FA42055-25, FA42055-26

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

7.4.5  
7

### Technical Report for

#### Pilot Travel Centers LLC

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

27.222188.00.00.1

SGS Accutest Job Number: FA42232

Sampling Date: 03/20/17

#### Report to:

Environmental Compliance Services, INC.  
9874 Main St Suite 100  
Woodstock, GA 30188  
ristevens@pangean-cmd.com; dbass@pangean-cmd.com;  
mreid@pangean-cmd.com  
ATTN: Richard Stevens

Total number of pages in report: 14



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.

**Norm Farmer**  
Technical Director

**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

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Test results relate only to samples analyzed.

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## Sample Summary

**Pilot Travel Centers LLC**

**Job No: FA42232**

**PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA**  
**Project No: 27.222188.00.00.1**

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA42232-1	03/20/17	14:30 PN	03/21/17	AQ	Water	WW EFF

# Summary of Hits

**Job Number:** FA42232  
**Account:** Pilot Travel Centers LLC  
**Project:** PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
**Collected:** 03/20/17

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA42232-1	WW EFF					
1,4-Dioxane		25.0	1.0	0.30	ug/l	SW846 8260B BY SIM

**Sample Results**

---

**Report of Analysis**

---

## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> WW EFF	
<b>Lab Sample ID:</b> FA42232-1	<b>Date Sampled:</b> 03/20/17
<b>Matrix:</b> AQ - Water	<b>Date Received:</b> 03/21/17
<b>Method:</b> SW846 8260B BY SIM	<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z44921.D	1	03/27/17	MM	n/a	n/a	VZ1697
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	25.0	1.0	0.30	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
17060-07-0	1,2-Dichloroethane-D4	97%		74-125%		
2037-26-5	Toluene-D8	101%		88-111%		

---

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

**Misc. Forms**

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**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

Accutest Job #: **FA42232**  
Accutest Control #:

Client Information		Facility Information				Analytical Information									
Name ENVIRONMENTAL COMPLIANCE SERVICES, INC.		Project Name Pilot # 69				1, 4 dioxane									
Address 9874 MAIN ST., STE 100		Location 2418 Whitesville Rd Lagrange GA													
City State Zip WOODSTOCK, GA 30188		Project No. 27-222188,00 00 1													
Report to: email: rlstevens@secsconsult.com Phone #: 770-926-8883, ext 146		FAX #:													
Field ID / Point of Collection	Collection			Preservation							Name				
	Date	PM Time	Sampled By	Matrix	# of bottles	ice	NaOH	NaOCl	NaOBr	None					
WSW Eff (1)	3-20	2:30	PH	H <sub>2</sub> O	3	3					3				
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) RUSH TAT is for FAX data Data unless previously approved.		Approved By: _____		<input type="checkbox"/> NJ Reduced <input type="checkbox"/> NJ Full <input type="checkbox"/> FULL GLP <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									
Sample Custody must be documented below each time samples change possession, including courier delivery.															
Relinquished by Sampler:	Date Time:	Received By:	Date Time:	Relinquished by:	Date Time:	Received By:	Date Time:	Relinquished by:	Date Time:	Received By:	Date Time:				
1 [Signature]	3/21/17 5:00	1 Fx		2 Fx		2 [Signature]	03/21/17	980							
3		3		4		4									
5		5		Seal #	Preserved Where applica	On Job?					4.3				

FA42232: Chain of Custody

Page 1 of 3

4.1  
4

**SGS ACCUTEST - ORLANDO SAMPLE RECEIPT CONFIRMATION**

SGS ACCUTEST'S JOB NUMBER: FA42232 CLIENT: ELS PROJECT: Pilot #69  
 DATE/TIME RECEIVED: 03/21/17 930 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1  
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: \_\_\_\_\_  
 AIRBILL NUMBERS: 8672 6104 9169

**COOLER INFORMATION**

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET

**TRIP BLANK INFORMATION**

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

**MISC. INFORMATION**

NUMBER OF ENCORES ? 25-GRAM \_\_\_\_\_ 5-GRAM \_\_\_\_\_  
 NUMBER OF 5035 FIELD KITS ? \_\_\_\_\_  
 NUMBER OF LAB FILTERED METALS ? \_\_\_\_\_

TEST STRIP LOT#s pH 0-3 230315 pH 10-12 219813A OTHER (specify) \_\_\_\_\_

SUMMARY OF COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**TEMPERATURE INFORMATION**

- IR THERM ID 1 CORR. FACTOR +0.4
- OBSERVED TEMPS: 3.9
- CORRECTED TEMPS: 4.3 (USED FOR LIMS)

**SAMPLE INFORMATION**

- INCORRECT NUMBER OF CONTAINERS USED
- SAMPLE RECEIVED IMPROPERLY PRESERVED
- INSUFFICIENT VOLUME FOR ANALYSIS
- DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- ID'S ON COC DO NOT MATCH LABEL
- VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- SAMPLE CONTAINER(S) RECEIVED BROKEN
- 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
- BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
- % SOLIDS JAR NOT RECEIVED
- RESIDUAL CHLORINE PRESENT LOT# \_\_\_\_\_

{APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS}

TECHNICIAN SIGNATURE/DATE [Signature] 03/21/17 REVIEWER SIGNATURE/DATE [Signature] 03-21-17

NF 02/16

receipt confirmation 020116.xls

4.1  
4



## **GC/MS Volatiles**

### **QC Data Summaries**

---

**Includes the following where applicable:**

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

# Method Blank Summary

Job Number: FA42232  
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
VZ1697-MB	Z44920.D	1	03/27/17	MM	n/a	n/a	VZ1697

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA42232-1

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	96%	74-125%
2037-26-5	Toluene-D8	101%	88-111%

5.1.1  
5

# Blank Spike Summary

Job Number: FA42232  
 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
VZ1697-BS	Z44919.D	1	03/27/17	MM	n/a	n/a	VZ1697

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA42232-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	20.2	101	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	95%	74-125%
2037-26-5	Toluene-D8	102%	88-111%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA42232  
 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
FA42336-6MS	Z44941.D	1	03/27/17	MM	n/a	n/a	VZ1697
FA42336-6MSD	Z44942.D	1	03/27/17	MM	n/a	n/a	VZ1697
FA42336-6	Z44925.D	1	03/27/17	MM	n/a	n/a	VZ1697

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA42232-1

CAS No.	Compound	FA42336-6 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	ND	20	20.6	103	20	20.4	102	1	65-121/27

CAS No.	Surrogate Recoveries	MS	MSD	FA42336-6	Limits
17060-07-0	1,2-Dichloroethane-D4	97%	95%	96%	74-125%
2037-26-5	Toluene-D8	101%	103%	102%	88-111%

\* = Outside of Control Limits.

5.3.1  
 5

### Technical Report for

#### Pilot Travel Centers LLC

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

27.222188.00

SGS Accutest Job Number: FA43500

Sampling Date: 04/27/17



#### Report to:

Environmental Compliance Services, INC.  
9874 Main St Suite 100  
Woodstock, GA 30188  
ristevens@pangean-cmd.com; dbass@pangean-cmd.com;  
mreid@pangean-cmd.com  
ATTN: Richard Stevens

Total number of pages in report: 23



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.

**Norm Farmer**  
Technical Director

**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

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Test results relate only to samples analyzed.

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1

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3

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## Sample Summary

**Pilot Travel Centers LLC**

**Job No: FA43500**

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA43500-1	04/27/17	14:40 PN	04/28/17	AQ	Water	WW EFF 1
FA43500-2	04/27/17	14:50 PN	04/28/17	AQ	Water	WW EFF 2
FA43500-3	04/27/17	15:35 PN	04/28/17	AQ	Water	SS 2
FA43500-4	04/27/17	16:00 PN	04/28/17	AQ	Water	SS 3
FA43500-5	04/27/17	16:30 PN	04/28/17	AQ	Water	LS

## Summary of Hits

Job Number: FA43500  
Account: Pilot Travel Centers LLC  
Project: PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA  
Collected: 04/27/17

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
---------------	------------------	-----------------	----	-----	-------	--------

FA43500-1 WW EFF 1

1,4-Dioxane	0.68 J	1.0	0.30	ug/l	SW846 8260B BY SIM
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FA43500-2 WW EFF 2

1,4-Dioxane	3.5	1.0	0.30	ug/l	SW846 8260B BY SIM
1,4-Dioxane	0.45	0.30	0.15	ug/l	SW846 8270D BY SIM

FA43500-3 SS 2

No hits reported in this sample.

FA43500-4 SS 3

No hits reported in this sample.

FA43500-5 LS

No hits reported in this sample.

### **Sample Results**

---

### **Report of Analysis**

---

## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> WW EFF 1 <b>Lab Sample ID:</b> FA43500-1 <b>Matrix:</b> AQ - Water <b>Method:</b> SW846 8260B BY SIM <b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 04/27/17 <b>Date Received:</b> 04/28/17 <b>Percent Solids:</b> n/a
--	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z45553.D	1	05/01/17	MM	n/a	n/a	VZ1720
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	0.68	1.0	0.30	ug/l	J
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
17060-07-0	1,2-Dichloroethane-D4	95%		74-125%		
2037-26-5	Toluene-D8	102%		88-111%		

---

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit J = Indicates an estimated value B = Indicates analyte found in associated method blank N = Indicates presumptive evidence of a compound
--	--

## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> WW EFF 1 <b>Lab Sample ID:</b> FA43500-1 <b>Matrix:</b> AQ - Water <b>Method:</b> SW846 8270D BY SIM SW846 3510C <b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 04/27/17 <b>Date Received:</b> 04/28/17 <b>Percent Solids:</b> n/a
--	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U061240.D	1	05/03/17	FS	05/02/17	OP64872	SU2679
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	0.30	0.15	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
4165-60-0	Nitrobenzene-d5	59%		42-108%		
321-60-8	2-Fluorobiphenyl	64%		40-106%		
1718-51-0	Terphenyl-d14	86%		39-121%		

---

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit J = Indicates an estimated value B = Indicates analyte found in associated method blank N = Indicates presumptive evidence of a compound
--	--

## Report of Analysis

32  
3

<b>Client Sample ID:</b> WW EFF 2	
<b>Lab Sample ID:</b> FA43500-2	<b>Date Sampled:</b> 04/27/17
<b>Matrix:</b> AQ - Water	<b>Date Received:</b> 04/28/17
<b>Method:</b> SW846 8260B BY SIM	<b>Percent Solids:</b> n/a
<b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z45554.D	1	05/01/17	MM	n/a	n/a	VZ1720
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	3.5	1.0	0.30	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
17060-07-0	1,2-Dichloroethane-D4	96%		74-125%		
2037-26-5	Toluene-D8	103%		88-111%		

---

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

32  
3

<b>Client Sample ID:</b> WW EFF 2 <b>Lab Sample ID:</b> FA43500-2 <b>Matrix:</b> AQ - Water <b>Method:</b> SW846 8270D BY SIM SW846 3510C <b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 04/27/17 <b>Date Received:</b> 04/28/17 <b>Percent Solids:</b> n/a
--	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U061241.D	1	05/03/17	FS	05/02/17	OP64872	SU2679
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	0.45	0.30	0.15	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
4165-60-0	Nitrobenzene-d5	46%		42-108%		
321-60-8	2-Fluorobiphenyl	45%		40-106%		
1718-51-0	Terphenyl-d14	59%		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

<b>Client Sample ID:</b> SS 2 <b>Lab Sample ID:</b> FA43500-3 <b>Matrix:</b> AQ - Water <b>Method:</b> SW846 8270D BY SIM SW846 3510C <b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 04/27/17 <b>Date Received:</b> 04/28/17 <b>Percent Solids:</b> n/a
--	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U061242.D	1	05/03/17	FS	05/02/17	OP64872	SU2679
Run #2 <sup>a</sup>	U061313.D	1	05/08/17	FS	05/06/17	OP64940	SU2682

Run #	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	1000 ml	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	0.30	0.15	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	26% <sup>b</sup>	28%	42-108%
321-60-8	2-Fluorobiphenyl	30% <sup>b</sup>	37%	40-106%
1718-51-0	Terphenyl-d14	23% <sup>b</sup>	24%	39-121%

(a) Confirmation run for surrogate recoveries.

(b) Outside control limits due to matrix interference. Confirmed by re-extraction and reanalysis.

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

3.4  
3

<b>Client Sample ID:</b> SS 3 <b>Lab Sample ID:</b> FA43500-4 <b>Matrix:</b> AQ - Water <b>Method:</b> SW846 8270D BY SIM SW846 3510C <b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 04/27/17 <b>Date Received:</b> 04/28/17 <b>Percent Solids:</b> n/a
--	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U061243.D	1	05/03/17	FS	05/02/17	OP64872	SU2679
Run #2 <sup>a</sup>	U061314.D	1	05/08/17	FS	05/06/17	OP64940	SU2682

Run #	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	1000 ml	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	0.30	0.15	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
4165-60-0	Nitrobenzene-d5	10% <sup>b</sup>	26%	42-108%		
321-60-8	2-Fluorobiphenyl	10% <sup>b</sup>	31%	40-106%		
1718-51-0	Terphenyl-d14	11% <sup>b</sup>	29%	39-121%		

- (a) Confirmation run for surrogate recoveries.
- (b) Outside control limits due to matrix interference. Confirmed by re-extraction and 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

3.5  
3

<b>Client Sample ID:</b> LS <b>Lab Sample ID:</b> FA43500-5 <b>Matrix:</b> AQ - Water <b>Method:</b> SW846 8270D BY SIM SW846 3510C <b>Project:</b> PSGAWO: Pilot 069; 2418 Whitesville Rd, LaGrange, GA	<b>Date Sampled:</b> 04/27/17 <b>Date Received:</b> 04/28/17 <b>Percent Solids:</b> n/a
--	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U061244.D	1	05/03/17	FS	05/02/17	OP64872	SU2679
Run #2 <sup>a</sup>	U061315.D	1	05/08/17	FS	05/06/17	OP64940	SU2682

Run #	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	1010 ml	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	0.30	0.15	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
4165-60-0	Nitrobenzene-d5	29% <sup>b</sup>	28%	42-108%		
321-60-8	2-Fluorobiphenyl	25% <sup>b</sup>	27%	40-106%		
1718-51-0	Terphenyl-d14	13% <sup>b</sup>	16%	39-121%		

- (a) Confirmation run for surrogate recoveries.
- (b) Outside control limits due to matrix interference. Confirmed by re-extraction and 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

**Misc. Forms**

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**Custody Documents and Other Forms**

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**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

Accutest Job #: **FA43500**  
Accutest Control #:

Client Information		Facility Information				Analytical Information											
Name ENVIRONMENTAL COMPLIANCE SERVICES, INC.		Project Name P.L.S # 69				<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">1, 4 dioxane</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">1, 4 dioxane 820</div> </div>											
Address 9874 MAIN ST., STE 100		Location 2418 Whitesville Rd Lagrange GA															
City State Zip WOODSTOCK, GA 30188		Project No. 27-22218,00 00 1															
Report to: email: r.stevens@esiconsult.com Phone #: 770-926-8863, ext 146		FAX #:															
Field ID / Point of Collection	Collection		Sampled By	Matrix	# of bottles	Preservation					2	3	2				
	Date	Time				NaOH	HAC	H2O2	None								
1 WWS Eff #1	4-27	2:40	PJ	H2O	5	3					2	3	2				
2 WWS Eff #2		2:50			5	3					2	3	2				
3 SS #2		3:35			2						2		2				
4 SS #3		4:00			2						2		2				
5 LS	2/2	4:30	L	L	2						2		2				
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) RUSH TAT is for FAX data Data unless previously approved.		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											
Sample Custody must be documented below each time samples change possession, including courier delivery.																	
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:	Date Time:	Received By:	Date Time:	Received By:	Date Time:				
1	4/27/17 5:00	1	2		1	2		2		2		2	04/28/17				
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:	Date Time:	Received By:	Date Time:	Received By:	Date Time:				
3		3	4		3	4		4		4		4					
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:	Date Time:	Received By:	Date Time:	Received By:	Date Time:				
5		5			5			5		5		5					

4.1  
4

FA43500: Chain of Custody

Page 1 of 2

**SGS ACCUTEST - ORLANDO SAMPLE RECEIPT CONFIRMATION**

SGS ACCUTEST'S JOB NUMBER: FA43500 CLIENT: ECS PROJECT: Pilot #69  
 DATE/TIME RECEIVED: 04/28/17 1000 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1  
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: \_\_\_\_\_  
 AIRBILL NUMBERS: Label Ruined

**COOLER INFORMATION**

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET

**TRIP BLANK INFORMATION**

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

**MISC. INFORMATION**

NUMBER OF ENCORES ? 25-GRAM \_\_\_\_\_ 5-GRAM \_\_\_\_\_  
 NUMBER OF 5035 FIELD KITS ? \_\_\_\_\_  
 NUMBER OF LAB FILTERED METALS ? \_\_\_\_\_

TEST STRIP LOT#s pH 0-3 230315 pH 10-12 219813A OTHER (specify) \_\_\_\_\_

SUMMARY OF COMMENTS: \_\_\_\_\_

**TEMPERATURE INFORMATION**

- IR THERM ID 1 CORR. FACTOR 10.4
- OBSERVED TEMPS: 3.8
- CORRECTED TEMPS: 4.2 (USED FOR LIMS)

**SAMPLE INFORMATION**

- INCORRECT NUMBER OF CONTAINERS USED
- SAMPLE RECEIVED IMPROPERLY PRESERVED
- INSUFFICIENT VOLUME FOR ANALYSIS
- DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- ID'S ON COC DO NOT MATCH LABEL
- VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- SAMPLE CONTAINER(S) RECEIVED BROKEN
- 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
- BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
- % SOLIDS JAR NOT RECEIVED
- RESIDUAL CHLORINE PRESENT LOT# \_\_\_\_\_

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE [Signature] 04/28/17 REVIEWER SIGNATURE/DATE [Signature] 4-28-17  
 NF 02/16 receipt confirmation 020116.xls

## **GC/MS Volatiles**

### **QC Data Summaries**

---

**Includes the following where applicable:**

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

# Method Blank Summary

Job Number: FA43500  
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
VZ1720-MB	Z45547.D	1	05/01/17	MM	n/a	n/a	VZ1720

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA43500-1, FA43500-2

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	94%	74-125%
2037-26-5	Toluene-D8	103%	88-111%

# Blank Spike Summary

**Job Number:** FA43500  
**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
VZ1720-BS	Z45545.D	1	05/01/17	MM	n/a	n/a	VZ1720

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA43500-1, FA43500-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	19.3	97	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	95%	74-125%
2037-26-5	Toluene-D8	101%	88-111%

\* = Outside of Control Limits.

5.2.1  
5

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA43500  
 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
FA43460-8MS	Z45568.D	1	05/01/17	MM	n/a	n/a	VZ1720
FA43460-8MSD	Z45569.D	1	05/01/17	MM	n/a	n/a	VZ1720
FA43460-8	Z45549.D	1	05/01/17	MM	n/a	n/a	VZ1720

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA43500-1, FA43500-2

CAS No.	Compound	FA43460-8 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	2.0	20	20.7	94	20	20.8	94	0	65-121/27

CAS No.	Surrogate Recoveries	MS	MSD	FA43460-8	Limits
17060-07-0	1,2-Dichloroethane-D4	95%	96%	95%	74-125%
2037-26-5	Toluene-D8	104%	104%	104%	88-111%

\* = Outside of Control Limits.

5.3.1  
 5

## GC/MS Semi-volatiles

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### QC Data Summaries

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**Includes the following where applicable:**

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

# Method Blank Summary

**Job Number:** FA43500  
**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
OP64872-MB	U061228.D	1	05/03/17	FS	05/02/17	OP64872	SU2679

The QC reported here applies to the following samples:

Method: SW846 8270D BY SIM

FA43500-1, FA43500-2, FA43500-3, FA43500-4, FA43500-5

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	0.30	0.15	ug/l	

CAS No.	Surrogate Recoveries	Limits
4165-60-0	Nitrobenzene-d5	45% 42-108%
321-60-8	2-Fluorobiphenyl	63% 40-106%
1718-51-0	Terphenyl-d14	89% 39-121%

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# Blank Spike Summary

Job Number: FA43500  
 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
OP64872-BS	U061222.D	1	05/03/17	FS	05/02/17	OP64872	SU2679

The QC reported here applies to the following samples:

Method: SW846 8270D BY SIM

FA43500-1, FA43500-2, FA43500-3, FA43500-4, FA43500-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	10	2.8	28	15-69

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	65%	42-108%
321-60-8	2-Fluorobiphenyl	75%	40-106%
1718-51-0	Terphenyl-d14	84%	39-121%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA43500  
 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
OP64872-MS	U061246.D	1	05/03/17	FS	05/02/17	OP64872	SU2679
OP64872-MSD	U061247.D	1	05/03/17	FS	05/02/17	OP64872	SU2679
FA43476-1	U061245.D	1	05/03/17	FS	05/02/17	OP64872	SU2679

The QC reported here applies to the following samples:

Method: SW846 8270D BY SIM

FA43500-1, FA43500-2, FA43500-3, FA43500-4, FA43500-5

CAS No.	Compound	FA43476-1 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	1.3	20	9.9	43	20	8.9	38	11	15-69/31

CAS No.	Surrogate Recoveries	MS	MSD	FA43476-1	Limits
4165-60-0	Nitrobenzene-d5	64%	60%	69%	42-108%
321-60-8	2-Fluorobiphenyl	72%	68%	72%	40-106%
1718-51-0	Terphenyl-d14	95%	87%	73%	39-121%

\* = Outside of Control Limits.