

November 29, 2016

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. 2
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), formerly known as Environmental Compliance Services, Inc. is pleased to submit the attached Voluntary Remediation Program (VRP) Semiannual Progress Report No. 2 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

**VOLUNTARY REMEDIATION PROGRAM SEMIANNUAL PROGRESS REPORT NO. 2
PILOT WASTEWATER TREATMENT PLANT - LAGRANGE
2990 WHITESVILLE ROAD (GEORGIA STATE HIGHWAY 219)
LAGRANGE, TROUP COUNTY, GEORGIA
HSI SITE NO. 10929**

November 29, 2016

ATC Project No. 27-222188.00

Prepared For:

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Pilot Travel Centers, LLC
5508 Lonas Road
Knoxville, Tennessee 37909

Prepared By:

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TABLE OF CONTENTS

1.0	BACKGROUND.....	1
2.0	ENVIRONMENTAL ACTIVITIES	5
2.1	Monitoring Well Installation	5
2.2	Liquid Level Monitoring	5
2.3	Groundwater Sampling	6
2.4	Waste Water Treatment Plant Outfall Sampling	7
3.0	RECOMMENDATIONS	8

FIGURES

Figure 1	Site Location Map
Figure 2	Site Map
Figure 3	Potentiometric Map for March 28, 2016
Figure 4	Groundwater Quality Summary Map
Figure 5	WWTP Upstream Sampling Summary

TABLES

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

ATTACHMENTS

Attachment A	Boring Logs
Attachment B	Field Sample Logs
Attachment C	Analytical Reports

1.0 BACKGROUND

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

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

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

Excavation and transportation of impacted sludges and soils was 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 (HIS) 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 1,4-dioxane, notably is 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 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 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 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, 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.

This Voluntary Remediation Program Semiannual Report No. 2 summarizes the results of the monitoring well installation, 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 Monitoring Well Installation

Between September 20 and 22, 2016, ECS directed the installation of six 2-inch diameter monitoring wells (MW-12 through MW-17) and three 1-inch diameter piezometers (PZ-1 through PZ-3). Each boring location was advanced with a hand auger to boring completion. A representative portion of each soil sample during the well installation activities was collected for headspace screening and soil classification. Upon completion, each well was finished in a protective “stick-up” steel vault and set in a concrete pad. Due to shallow groundwater conditions, soil samples were not collected for laboratory analysis. Headspace screening was conducted, using a photoionization detector (PID). A soil boring log illustrating interpreted lithology, soil screening results, and well completion details are included in **Attachment A**. Historical soil analytical results are summarized in **Tables 1, 2, and 3**. The wells were developed on September 22, 2016, using a dedicated disposable bailer and bailer string.

2.2 Liquid Level Monitoring

Between October 11 and 13, 2016, 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 October 2016 event, depth to groundwater ranged from 7.25 feet below top of casing (BTOC) in monitoring well MW-4 to 10.08 feet BTOC in monitoring well MW-16. NAPL was not detected. Liquid level measurements from the piezometers as compared to the water levels in Long Cane Creek indicate this water body is a gaining stream. 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 October 11, 2016, gauging event is illustrated on **Figure 3**.

2.3 Groundwater Sampling

Monitoring wells MW-1 through MW-17, three Long Cane Creek surface water samples, and two retention pond samples were collected between October 11 and 13, 2016. 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. 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 Risk Reduction Standards (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 B**. The groundwater analytical report is included in **Attachment C**.

Review of the laboratory analysis of the October 2016 sampling event indicated that 1,4-dioxane concentrations were reported to exceed laboratory detection limits in monitoring wells MW-4, MW-7, MW-9, MW-10, MW-13 through MW-17, and PZ-1 through PZ-3 with concentrations ranging from 383 micrograms per liter (µg/L) in MW-15 to 36,100 µg/L in MW-7. 1,4-dioxane was reported to be less than analytical detection limits in the surface water samples collected from Long Cane Creek, with the exception of the upgradient creek sample (SW-1) that had a reported concentration of 97.1 µg/L. The creek samples were recollected on November 2, 2016, and all reported 1,4-dioxane concentrations were less than detection limits. The two samples collected from the on-site retention pond reported a 1,4-dioxane concentration of 4,110 µg/L in SW-5 and 3,050 µg/L in SW-6. Total lead concentration reported in wells MW-4 (29.2 µg/L), MW-8 (45.0 µg/L), and PZ-3 (17.8 µg/L) were reported to exceed the RRS value of 15 µg/L. Remaining COCs with an established RRS were not reported to have been exceeded. However, there were several COCs without an established RRS that reported detectable concentrations. This was observed for bromodichloromethane, tert-Butylbenzene, chloroform, MTBE, total cobalt, and dissolved cobalt.

2.4 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 May 3, May 26, June 30, July 28, August 26, September 26, and October 28, 2016. Data for the analytical results are summarized in **Table 5**. A review of the data indicates the 1,4-dioxane concentration ranged from 0.78 (J) µg/L on October 28, 2016, to 5.6 µg/L on May 3, 2016. The analytical reports for the effluent samples are included in **Attachment C**.

Additional samples were collected on May 3, 2016, 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 (SS2) and at the Waffle House (SS3). The concentration of 1,4-dioxane from the SS2 location was detected at 8.1 µg/L; but, due to matrix interference at the lab, the detection limit from the SS3 location the detection limit was elevated at 30 µg/L. As a result, samples were recollected from these locations on May 26, 2016, with an additional sample collected from the lift station located at the Pilot facility. Concentrations of 1,4-dioxane were reported in the SS2 sample at 1.6 µg/L, the SS3 sample at 3.4 µg/L, and the lift station at 1.2 µg/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 C**.

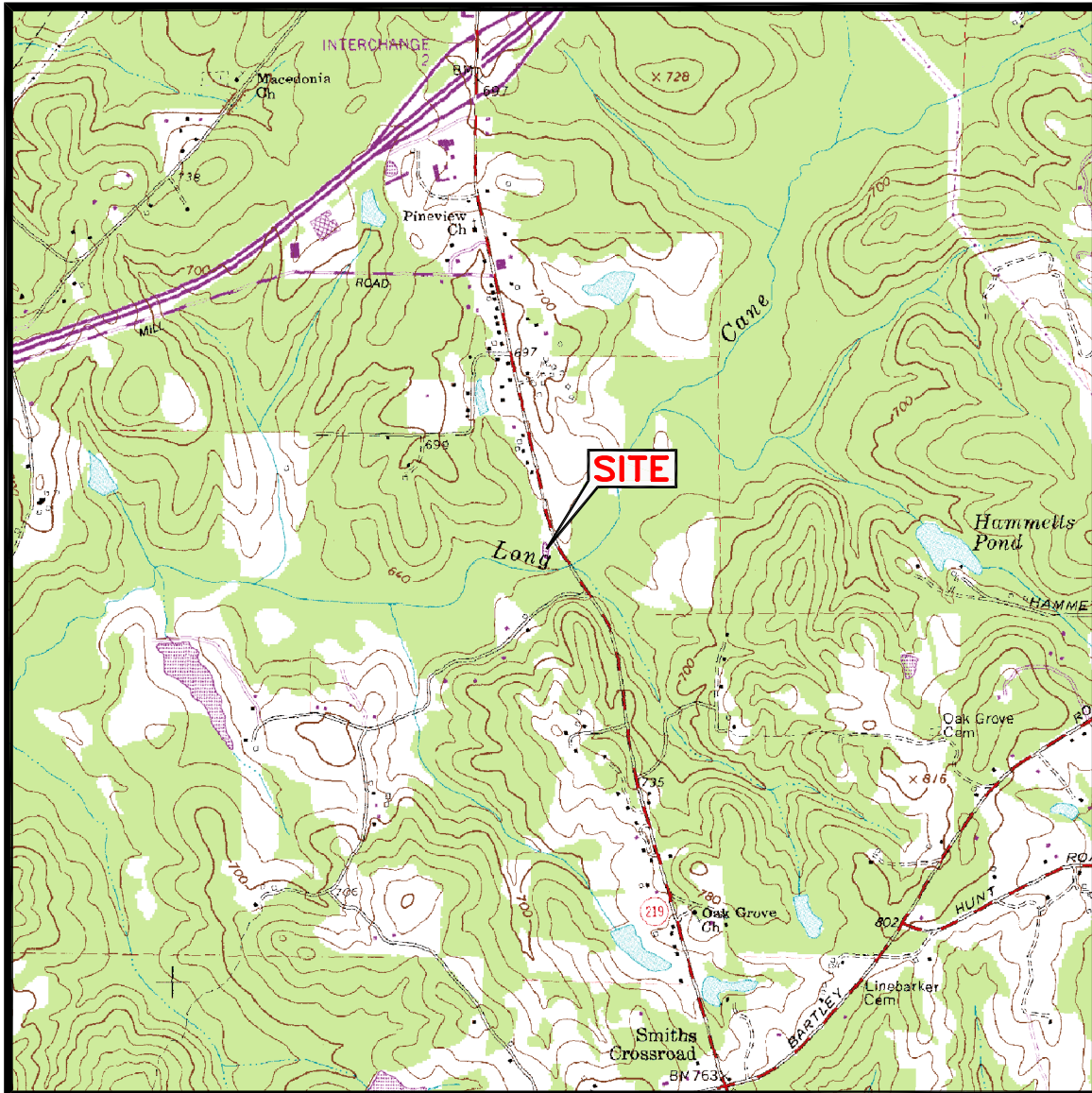
3.0 RECOMMENDATIONS

Six monitoring wells (MW-12 through MW-17) were installed in September 2016, to further evaluate the horizontal groundwater extent of 1,4-dioxane. Three piezometers (PZ-1 through PZ-3) were also installed in September 2016. 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.

Semiannual sampling will continue at this facility with the next event scheduled to be completed in April 2017. The next semiannual progress report will be completed and submitted in May 2017.

FIGURES



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

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



QUAD LOCATION

SCALE 1:24,000

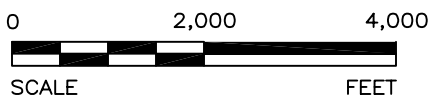


FIGURE TITLE:

SITE LOCATION MAP

ADDRESS:

PILOT SITE NO. 69
 2990 WHITESVILLE ROAD
 LAGRANGE, GEORGIA

DATE:

5-16-14

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
- OE— OVERHEAD ELECTRIC LINE
- POWER POLE
- ⤵ LIGHT POLE
- Ⓜ MANHOLE

0 Approximate Feet 80

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

DRAWING TITLE:
SITE MAP

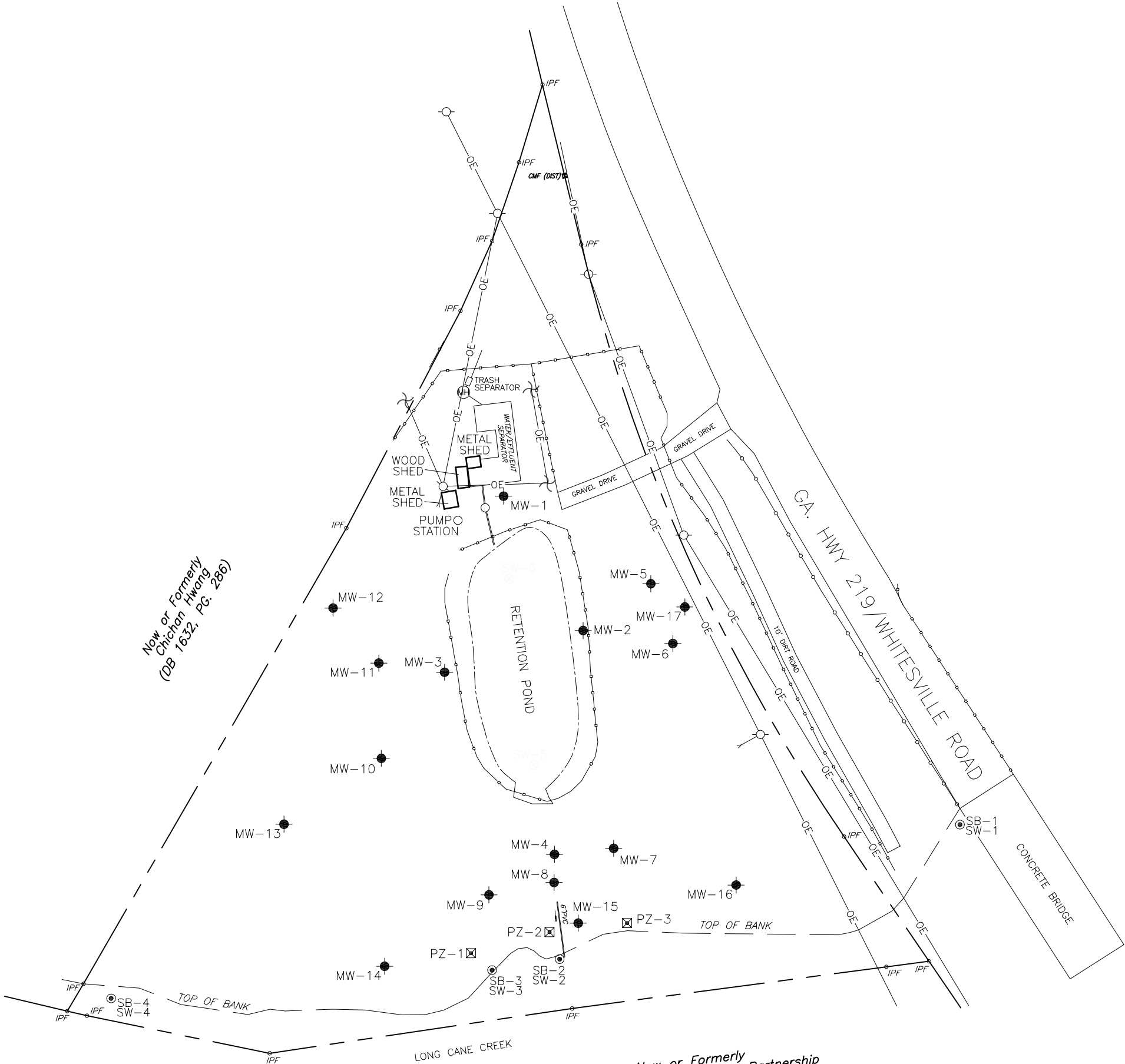


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(770) 926-5383 FAX

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FIGURE NO.

2



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

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

LEGEND

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

0 Approximate Feet 80

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

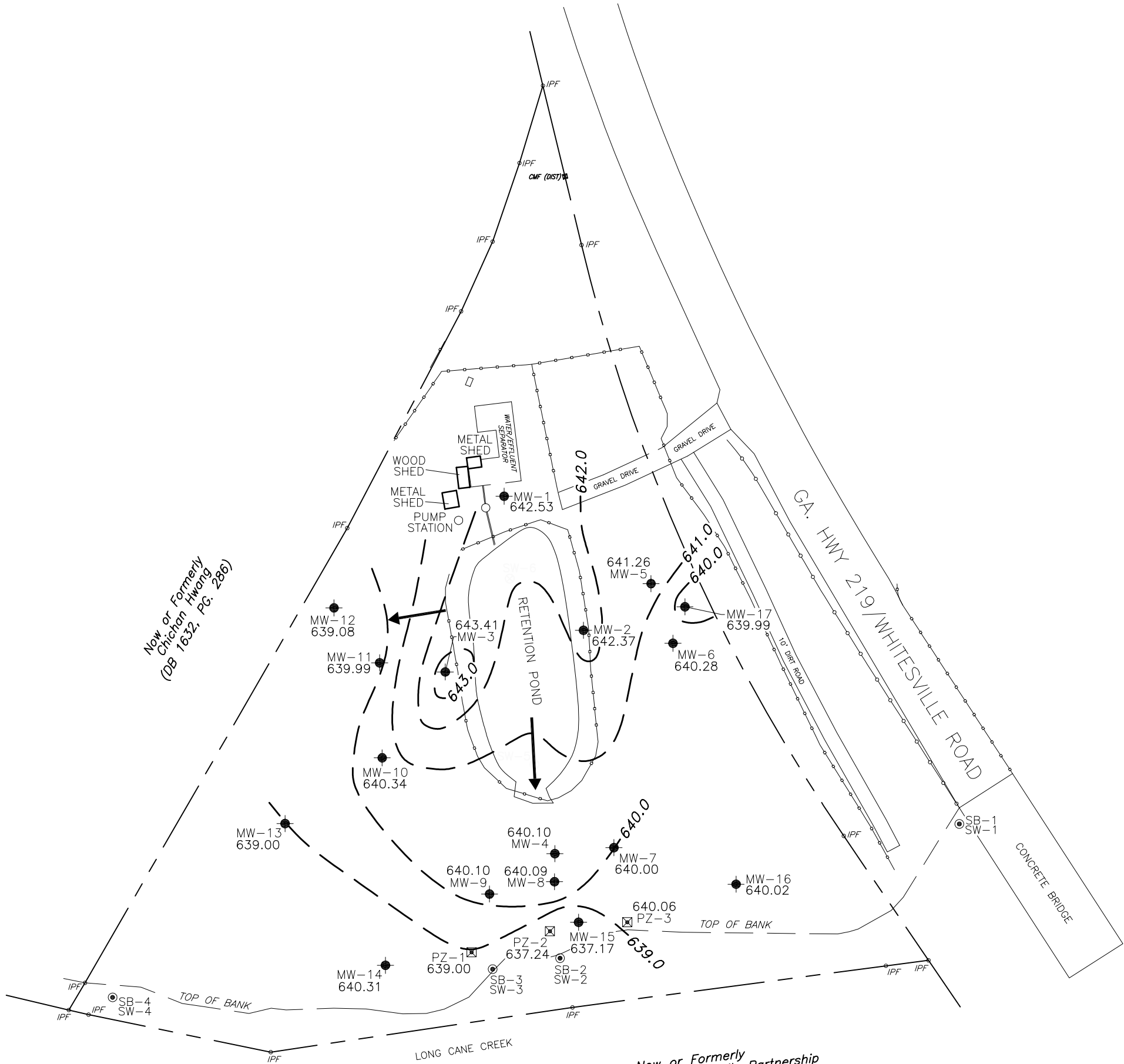
DRAWING TITLE:
**POTENTIOMETRIC SURFACE
MAP for OCTOBER 11, 2016**

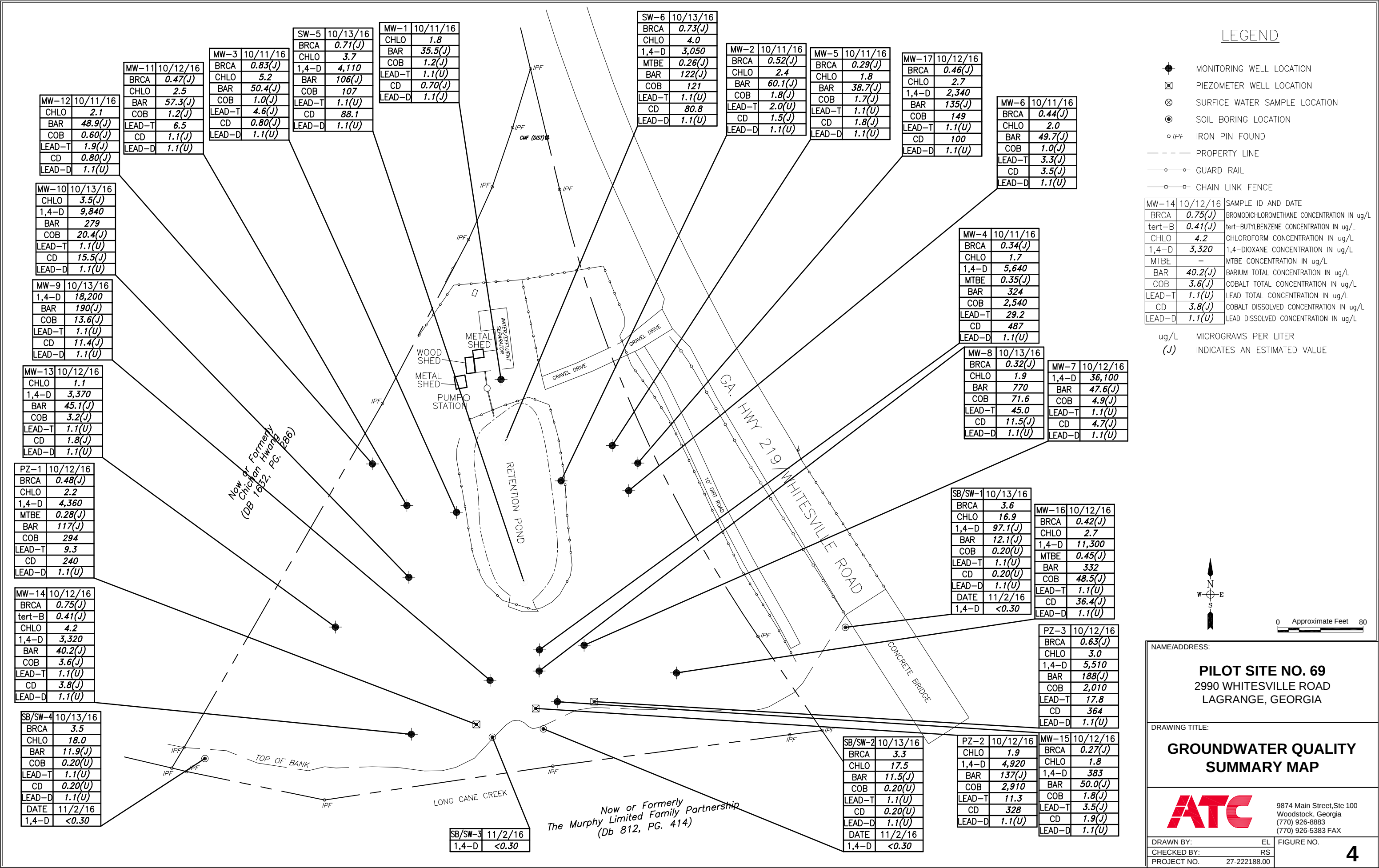
ATC 9874 Main Street, Ste 100
Woodstock, Georgia
(770) 926-8883
(770) 926-5383 FAX

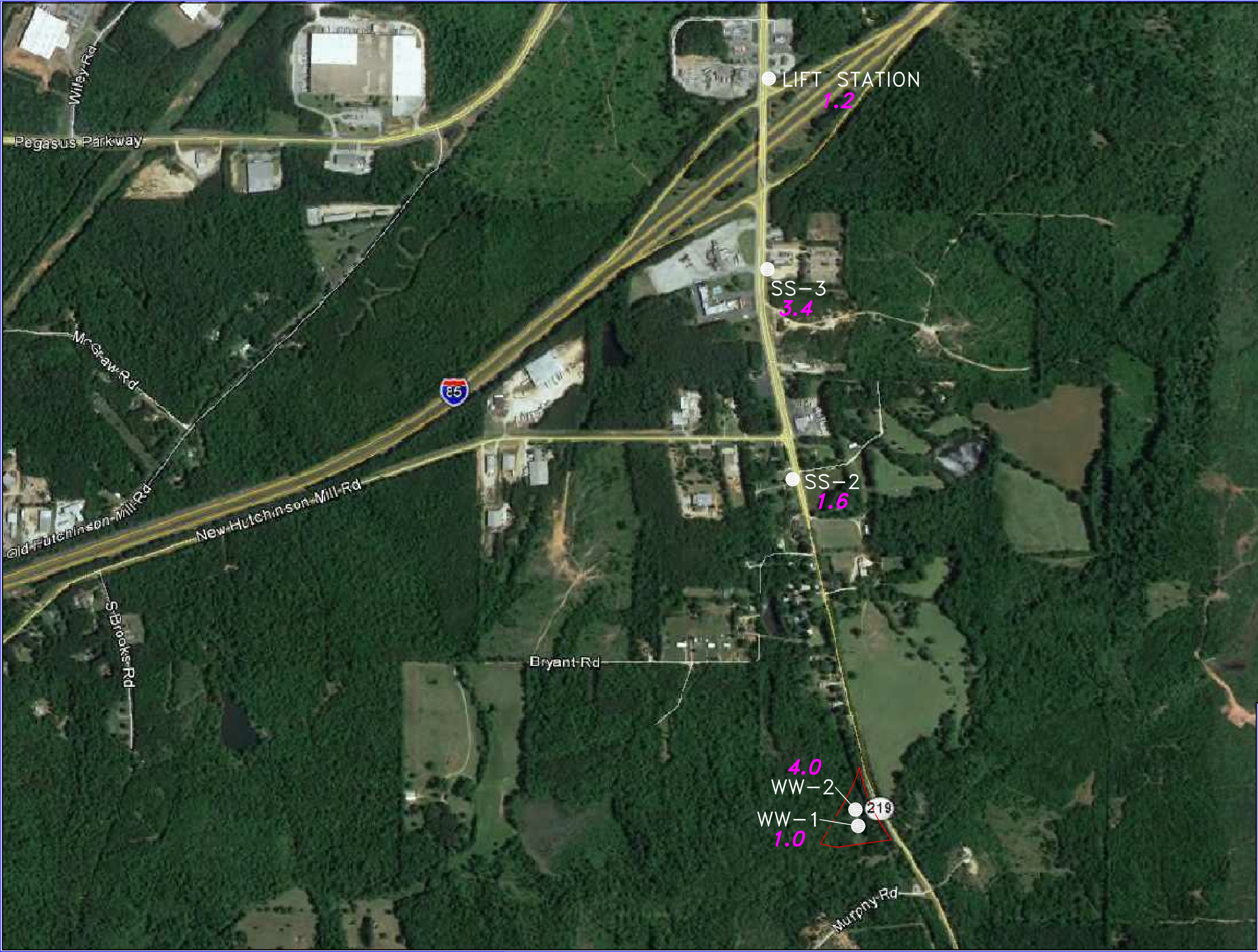
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PROJECT NO. 27-222188.00

FIGURE NO.

3







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 for MAY 26, 2016
(1,4-DIOXANE)**



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FIGURE NO.

5

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- 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)
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	FA172 92-5	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
tert-Butylbenzene	NE	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	<0.36	<0.27	<0.26	<0.27	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	<0.0039
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	<0.020
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 a	<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	<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
cis-1,3-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
m-Dichlorobenzene	2.22	<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-Dichlorobenzene	25.00	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.																		

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
Lab Sample ID:		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
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	<0.24	<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 E	<0.14	<0.19	0.0662	<0.23	<0.19	<0.18	<.20	0.0719 J	<0.15	18.4	0.291	70.3	0.38	0.49	0.46	0.38	<0.036	<0.034	<0.053	<0.038
2,2-Dichloropropane	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
Dibromochloromethane	1.63	<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

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- 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)
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	FA172 92-5	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
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	0.138J	<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	0.006
p-Isopropyltoluene	NE	<0.38	<0.46	<0.44	<0.28	<0.27	3.34	<0.0037	<0.0035	0.0815J	<0.27	<0.26	0.282	<0.23	<0.28	<0.31	<0.28	<0.0048	<0.0044	<0.0039	<0.0036	0.0020	<0.20	<0.0043	0.0068 J	<0.0031	0.03
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	<0.019	<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	0.0058J	<1.8	<1.4	<1.3	<1.3	<1.2	<1.4	<1.5	<1.4	0.0396	<0.0222	<0.0039	<0.0036	<0.029	<1.0	<0.022	0.101	0.0065 J	0.0167 J
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	0.329J	0.393J	<0.44	<0.28	<0.27	0.526	<0.0037	<0.0035	1.93	0.570	<0.26	0.684	<0.23	0.146J	<0.31	<0.28	0.0036J	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	0.0345
n-Propylbenzene	NE	<0.38	<0.46	<0.44	<0.28	<0.27	<0.30	<0.0037	<0.0035	0.0728J	0.0866J	<0.26	0.358	<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	0.0257
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	0.103J	<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	0.184J	0.360J	<0.44	0.139J	<0.27	0.231J	<0.0037	<0.0035	1.03	0.628	<0.26	1.19	0.0568J	0.109J	<0.31	<0.28	0.0054	<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	0.172J	0.123J	<0.26	0.602	<0.23	<0.28	<0.31	<0.28	0.0011J	<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	0.0061	<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	1.36	0.987	<0.26	<0.27	<0.23	0.112J	0.0918J	<0.28	0.0046J	<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	0.153J	0.152J	<0.52	0.229J	<0.46	<0.56	<0.61	<0.56	0.0053J	<0.0089	<0.0078	<0.0071	<0.012	<0.40	<0.0086	<0.021	<0.0062	0.0144
p-Xylene	20.00	<0.38	<0.46	<0.44	<0.28	<0.27	0.0715J	<0.0037	<0.0035	0.112J	0.0962J	<0.26	0.386	<0.23	<0.28	<0.31	<0.28	0.0025J	<0.0044	<0.0039	<0.0036	<0.0059	<0.20	<0.0043	<0.011	<0.0031	0.0133

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
Lab Sample ID:		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	0.0152	<0.22	<0.026	<0.021	<0.023	<0.027	<0.017	<0.024	<0.024	<0.029	<0.024	<0.022	0.0365	<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	0.0016 J	<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	0.0088	<0.0042	<0.0046	0.0017	<0.0035	<0.0048	<0.0048	0.0202	0.0491	0.0018 J	<0.0051	0.0072	0.0026	0.0022 J	<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	0.0112	<0.023	<0.018	0.0063 J	<0.020	<0.020	0.511	0.593	0.851	0.438	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	0.0105 J	<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	0.0287	<0.017	<0.024	0.0131 J	<0.0058	0.0147 J	0.0315	0.168	0.0458	<0.0037	0.0365	<0.020	0.0231	0.0894	0.0848	0.08874	0.0687	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	0.393	<0.0043	<0.0058	<0.0043	0.0158	<0.0042	<0.0046	<0.0054	<0.0035	<0.0048	<0.0048	<0.0058	<0.0048	<0.0045	<0.0051	<0.0046	<0.0037	0.016	<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	0.0050 J	<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	0.0022 J	<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	0.108 J	<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	0.0011 J	<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	0.0328	<0.0042	<0.0046	0.0018 J	<0.0035	<0.0048	<0.0048	0.0021 J	0.0049	<0.0045	<0.0051	<0.0046	<0.0037	0.0157	<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	0.0084	<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	0.0034 J	<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	0.0013 J	0.0020 J	0.0035 J	0.0019 J	0.0023 J	0.0051	<0.0037	0.0082	<0.0039	0.0028	<0.0095	0.0089 J	0.0048 J	0.0052 J	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	<0.0037	<0.0043	<0.0039	<0.0040	<0.0095	<0.012	<0.011	<0.0095	NA	NA	NA	NA
Vinyl chloride	0.04	<0.0035	<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
Vinyl Acetate	0.51	<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	<0.020	<0.020	<0.047	<0.012	<0.057	<0.047	NA	NA	NA	NA
m,p-Xylene	20.00	<0.0071	<0.61	<0.0087	<0.012	<0.0086	0.0027	<0.0085	<0.0093	<0.011	<0.0069	<0.0097	<0.0097	<0.012	0.0016 J	<0.0089	<0.010	<0.0093	<0.0073	0.0030 J	<0.0078	<0.0080	<0.019	<0.024	<0.023	<0.019	<0.0014	<0.0013	<0.0021	<0.0015
p-Xylene	20.00	<0.0035																												

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	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:	Standard	FA14532-1	FA14532-2	FA14532-3	FA14532-4	FA14532-5	FA14532-6	FA14532-7	FA14532-8	FA14532-9	FA14532-10	FA14532-11	FA14532-12	FA14532-13	FA14532-14	FA14532-15	FA14532-16	FA14532-17	FA17292-1	FA17292-2
Date Sampled:	(mg/kg)	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	8/6/2014	8/6/2014
Benzoic Acid	1000.00	<12	<11	<11	<11	<1.0	<21	<0.96	<0.97	<9.4	<9.6	<2.0	<9.7	<9.7	<11	<22	<21	<1.1	< 0.22	< 0.020
2-Chlorophenol	0.68	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
4-Chloro-3-methyl phenol	13.20	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
2,4-Dichlorophenol	0.96	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.023	< 0.020
2,4-Dimethylphenol	1.51	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.024	< 0.022
2,4-Dinitrophenol	3.30	<12	<11	<11	<11	<1.0	<21	<0.96	<0.97	<9.4	<9.6	<2.0	<9.7	<9.7	<11	<22	<21	<1.1	< 0.22	< 0.20
4,6-Dinitro-o-cresol	NE	<4.8	<4.5	<4.3	<4.3	<0.40	<8.4	<0.38	<0.39	<3.8	<3.8	<0.81	<3.9	<3.9	<4.2	<8.6	<8.6	<0.44	< 0.088	< 0.079
2-Methylphenol	3.80	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
3&4-Methylphenol	3.80	1.26J	0.899J	0.799J	<2.1	<0.20	<4.2	<0.19	<0.19	0.444J	0.693J	0.109J	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.044	< 0.039
2-Nitrophenol	1000.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	0.226J	<4.3	<4.3	<0.22	< 0.022	< 0.020
4-Nitrophenol	3.30	<12	<11	<11	<11	<1.0	<21	<0.96	<0.97	<9.4	<9.6	<2.0	<9.7	<9.7	<11	<22	<21	<1.1	< 0.18	< 0.16
Pentachlorophenol	3.30	<12	<11	<11	<11	<1.0	<21	<0.96	<0.97	<9.4	<9.6	<2.0	<9.7	<9.7	<11	<22	<21	<1.1	< 0.18	< 0.16
Phenol	50.00	6.01	4.15	4.70	1.49J	<0.20	<4.2	<0.19	<0.19	0.417J	0.276J	<0.40	<1.9	<1.9	0.347J	<4.3	<4.3	<0.22	< 0.022	< 0.020
2,4,5-Trichlorophenol	4.56	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.029	< 0.025
2,4,6-Trichlorophenol	0.66	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Acenaphthene	300.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.028	< 0.025
Acenaphthylene	130.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Aniline	0.038	<2.4	<2.2	<2.2	<2.1	0.817	1.58J	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Anthracene	500.00	<2.4	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	<1.9	<1.9	<0.40	<1.9	<1.9	<2.1	<4.3	<4.3	<0.22	< 0.022	< 0.020
Benidine	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	1.19J	<8.6	<8.6	<0.44	< 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	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:	Standard	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:	(mg/kg)	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	0.634 J	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Benzidine	0.05	< 0.38	< 0.45	< 0.36	< 0.42	< 0.62	< 0.37	< 1.6	< 0.42	< 4.2	< 0.38	< 0.46	< 0.42	< 0.43	< 0.42	< 0.45	< 0.41
Benzo(a)anthracene	5.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Benzo(a)pyrene	1.64	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Benzo(b)fluoranthene	5.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Benzo(g,h,i)perylene	500.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021	< 0.21	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Benzo(k)fluoranthene	5.00	< 0.021	< 0.025	< 0.020	< 0.023	< 0.034	< 0.020	< 0.089	< 0.023	< 0.23	< 0.021	< 0.025	< 0.023	< 0.023	< 0.023	< 0.025	< 0.023
4-Bromophenyl phenyl ether	1000.00	< 0.019	< 0.023	< 0.018	< 0.021	< 0.031	< 0.018	< 0.082	< 0.021 a	< 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

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	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:	Standard	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:	(mg/kg)	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	3/29/2016	3/29/2016	3/29/2016	3/29/2016
Benzoic Acid	1000.00	< 0.19	< 0.22	< 0.20	< 0.17	< 0.17	< 0.20	0.426 J	< 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	0.0763 J	< 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	0.131 J	< 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

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	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:	Standard	FA14532-1	FA14532-2	FA14532-3	FA14532-4	FA14532-5	FA14532-6	FA14532-7	FA14532-8	FA14532-9	FA14532-10	FA14532-11	FA14532-12	FA14532-13	FA14532-14	FA14532-15	FA14532-16	FA14532-17	FA17292-1	FA17292-2
Date Sampled:	(mg/kg)	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	8/6/2014	8/6/2014
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
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	1.82J	1.11J	<4.3	<4.3	0.0567J	5.09J	<0.38	<0.39	3.41J	2.01J	0.185J	2.71J	0.432J	6.82	4.35J	5.75J	0.131J	< 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	0.231J	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	0.546J	0.336J	<0.40	0.658J	<1.9	0.260J	<4.3	<4.3	<0.22	< 0.022	< 0.020
2-Methylnaphthalene	NE	0.241J	0.292J	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	1.01J	0.434J	<0.40	0.810J	<1.9	0.342J	<4.3	0.493J	<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	0.383J	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	1.48J	<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	0.281J	<2.2	<2.2	<2.1	<0.20	<4.2	<0.19	<0.19	0.252J	0.255J	<0.40	0.397J	<1.9	0.851J	<4.3	1.45J	<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	0.229J	<1.9	<0.40	0.222J	<1.9	0.316J	<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	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:	Standard	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:	(mg/kg)	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
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
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	0.846	< 0.042	0.110 J	< 0.037	0.551 J	< 0.042	3.61 J	< 0.038	< 0.046	< 0.042	0.238 J	< 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	0.142 J	< 0.021	0.235 J	< 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	0.180 J	< 0.021	0.318 J	< 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	0.632 J	< 0.019	< 0.023	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021
Pyrene	500.00	< 0.019	< 0.023	0.0311 J	< 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	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:	Standard	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:	(mg/kg)	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	3/29/2016	3/29/2016	3/29/2016	3/29/2016
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
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	0.0364 J	< 0.040	0.854	< 0.034	0.0516 J	0.56	<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	0.0222 J	<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	0.0361 J	<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	0.0325 J	< 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	0.0376 J	<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	0.0716 J	< 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	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:	Standard	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:	(mg/kg)	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	4/25/2014	8/6/2014	8/6/2014	8/6/2014
Arsenic	20	<3.1 b	<2.5 b	0.66	1.0 b	<2.7 b	<1.8 b	0.57	<2.0 b	<1.9 b	<1.7 b	<8.2 b	<1.9 b	<1.9 b	<1.9 b	<2.6 b	<2.3 b	0.74	<5.1	0.74	0.72
Barium	1000	<63 b	<49 b	34.3	40.2 b	61.2 b	44.1 b	31.3	52.6 b	54.5 b	42.6 b	<160 b	40.5 b	25.4	23.6	31.6	40.1	32.8	159	30	33
Cadmium	2	<1.3 b	<0.99 b	<0.26	<0.38 b	<1.1 b	<0.73 b	<0.22	<0.81 b	<0.77 b	<0.67 b	<3.3 b	<0.78 b	<0.78 b	<0.74 b	<1.0 b	<0.92 b	<0.20	<2.0	<0.19	<0.2
Chromium	100	19.1 b	20.8 b	12.9	13.5 b	10.4 b	10.8 b	5.6	2.6 b	4.4 b	11.0 b	8.4 b	14.9 b	9.0 b	10.5 b	21.4 b	16.9 b	6.8	15.1	5.2	12.3
Cobalt	20	71.2 b	<12 b	<3.2	7.3 b	<13 b	33.8 b	<2.7	<10 b	<9.7 b	<8.4 b	<41 b	12.8 b	<9.7 b	<9.3 b	65.2 b	<11 b	5.7	<25	<2.4	<2.5
Lead	75	15.7	10.9	7.1	9.1	9.6	6.0	8.6	5.0	6.8	7.1	10.7	14.7	6.7	6.4	13.2	12.6	11.7	19.8	6.9	8
Mercury	0.5	<0.058	<0.052	<0.052	0.057	<0.050	<0.047	<0.046	<0.046	<0.046	<0.045	<0.046	<0.044	<0.047	<0.051	0.054	<0.048	<0.052	0.059	<0.045	<0.045
Nickle	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<20	<1.9	3.1
Selenium	2	<6.3 b	<4.9 b	<1.3	<1.9 b	<5.3 b	<3.7 b	<1.1	<4.1 b	<3.9 b	<3.4 b	<16 b	<3.9 b	<3.9 b	<3.7 b	<5.1 b	<4.6 b	<0.98	<10	<0.95	<1.0
Silver	2	<3.1 b	<2.5 b	<0.65	<0.96 b	<2.7 b	<1.8 b	<0.55	<2.0 b	<1.9 b	<1.7 b	<8.2 b	<1.9 b	<1.9 b	<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, Georç

Client Sample ID:	Applicable	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:	Standard	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:	(mg/kg)	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	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:	Standard	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:	(mg/kg)	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	8/6/2014	3/29/2016	3/29/2016	3/29/2016	3/29/2016
Arsenic	20	<4.8	0.65	1.9	0.89	0.73	<1.4	<1.4	<1.1	<2.3	<1.2	0.57	NA	NA	NA	NA
Barium	1000	182	23.3	38	19.7	19.6	54.9	54.8	34.4	54.5	36.8	17.8	NA	NA	NA	NA
Cadmium	2	<1.9	<0.20	<0.68	<0.15	<0.17	<0.58	<0.58	<0.46	<0.92	<0.48	<0.20	NA	NA	NA	NA
Chromium	100	26	5.6	32.7	12.1	13.4	12	12.8	9.3	9.2	13.5	13.9	NA	NA	NA	NA
Cobalt	20	<24	8.9	<8.6	16.8	15.6	256	11	<5.7	<12	<6.0	3.4	3.0 (J)	1.1 (J)	2.0 (J)	1.4 (J)
Lead	75	15.1	8.8	14.1	4.7	4.3	8.7	8.7	12	12	7	5.6	14.3	8.0	15.5	10.4
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	8.5	2.4	1.8	9.7	<5.8	<4.6	<9.2	<4.8	3	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
MW-2	08/15/14	101.60	2.0-10.0	--	10.20	0.00	91.40
	05/27/15	--		10.71	0.00	90.89	
	03/28/16	651.27		--	8.03	0.00	643.24
	10/11/16			--	8.90	0.00	642.37
MW-3	08/15/14	100.38	2.0-10.0	--	8.52	0.00	91.86
	05/27/15	--		9.01	0.00	91.37	
	03/28/16	650.80		--	5.82	0.00	644.98
	10/11/16			--	7.39	0.00	643.41
MW-4	08/15/14	96.76	2.0-10.0	--	6.09	0.00	90.67
	05/27/15	--		6.61	0.00	90.15	
	03/28/16	647.35		--	3.40	0.00	643.95
	10/11/16			--	7.25	0.00	640.10
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
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
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
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
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
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
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
MW-12	10/11/16	647.50	2-10	--	8.42	0.00	639.08
MW-13	10/11/16	647.59	2-10	--	8.59	0.00	639.00
MW-14	10/11/16	647.80	2-10	--	7.49	0.00	640.31
MW-15	10/11/16	645.42	2-10	--	8.25	0.00	637.17
MW-16	10/11/16	650.10	2-10	--	10.08	0.00	640.02
MW-17	10/11/16	648.99	2-10	--	9.00	0.00	639.99
PZ-1	10/11/16	646.37	13-15	--	7.37	0.00	639.00
PZ-2	10/11/16	644.94	13-15	--	7.70	0.00	637.24
PZ-3	10/11/16	648.30	13-15	--	8.24	0.00	640.06

TABLE 4
SUMMARY OF LIQUID LEVEL GAUGING DATA

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

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

Notes:

TOC: Top of casing

ft: feet

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

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

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

TABLE 5
GROUNDWATER ANALYTICAL RESULTS
Volatile Organic Compounds
Results reported in 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	3/28/2016
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
Acrolein	700	<20	<20	<20	<20	<25	<20	<20	<20	<20	<25	<100	<200	<500	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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	3/28/2016
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
4-Methyl-2-pentanone	NE	3.0J	3.1J	3.1J	1.3J	<5.0	2.4 J	1.0 J	9.7	<1.0	<1.0	<5.0	<10	<25	<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
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
Methylene bromide	400	<2.0	<2.0	<2.0	<2.0	<2.0	0.6 J	<2.0	<2.0	<1.0	<1.0	<5.0	<10	<25	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
Methyl ethyl ketone	2,000	12.8	12.3	18.1	9.5	<5.0	3.3 J	2.0 J	19	8.5	<5.0	<25	<50	<130	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether	NE	1.5	1.2	0.80J	<1.0	<1.0	2.0	0.51 J	1.1	<1.0	<1.0	<5.0	<10	<25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Naphthalene	20	<5.0	1.3J	<5.0	1.8J	<5.0	2.2 J	<5.0	<5.0	<5.0	<5.0	<25	<50	<130	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
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
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
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
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
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
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
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
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
1,2,4-Trimethylbenzene	NE	0.79J	1.1J	0.62J	0.74J	<2.0	1.2 J	<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
1,3,5-Trimethylbenzene	NE	<2.0	0.24J	<2.0	<2.0	<2.0	0.45 J	<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
Tetrachloroethylene	5	<1.0	<1.0	<1.0	0.27J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	NA	NA	NA	NA	NA	NA	NA
Toluene	1,000	2.0	1.2	0.70J	0.83J	<1.0	7.8	0.42 J	7.6	16.1	<1.0	2.4 J	<10	<25	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
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
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
Vinyl Acetate	510	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<50	<100	<250	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	10,000	0.51J	0.62J	<2.0	0.48J	<2.0	0.72 J	<2.0	<2.0	<2.0	<2.0	<10	<20	<50	NA	NA	NA	NA	NA	NA	NA
o-Xylene	10,000	0.50J	0.65J	0.35J	0.35J	<1.0	0.75 J	<1.0	<1.0	<1.0	<1.0	<5.0	<10	<25	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	3/29/2016	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
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	3/29/2016	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
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	2.1 (J)	<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
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	<0.50	<0.50	<0.50	<0.50	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	<2.6	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether	NE	4.5	<0.20	<0.20	<0.20	<0.20	0.42 (J)	0.23 (J)	<0.20	0.22 (J)	<0.20	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
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	0.30 (J)	<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
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
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	<1.0	<0.20	<0.20	<0..20	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	<3.0	<3.0	<3.0	<3.0	NA	NA	NA	NA	NA	NA	NA
o-Xylene	10,000	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	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	10/12/2016	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
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	NA	NA	NA	NA	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<4.2	<0.42	<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
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	NA	NA	NA	NA	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<4.0	<0.40	<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
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	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
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	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
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	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
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	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	10/12/2016	10/13/2016	10/13/2016	10/13/2016	10/12/2016	10/11/2016	10/12/2016
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	NA	NA	NA	NA	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<14	<1.4	<14	<14	<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
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	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
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	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
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
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																					

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
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
Date Sampled:		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	11/2/2016	11/2/2016	11/2/2016	11/2/2016
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	<0.42	<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
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
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	0.41 (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
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	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
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	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
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	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	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
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

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
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
Date Sampled:		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	11/2/2016	11/2/2016	11/2/2016	11/2/2016
p-Isopropyltoluene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	NE	<1.4	<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
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	<0.20	<0.20	0.45 (J)	<0.20	0.28 (J)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.26 (J)	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	<0.20	<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
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	<0.20	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																

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 RESULTS
Semi-Volatile Organic Compounds
Results reported in µg/L

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

Client Sample ID:	Applicable Standard µg/L	W-1	W-2	W-3	W-4	MW-1	MW-2	MW-3	MW-4	WW Influent	MW-1	MW-2	MW-3	MW-4	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6
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
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
Benzidine	0.0002	<94	<94	<240	<240	<24	<240	<240	<480	<94	<25	<500		<25	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.01	<19	<19	<48	<48	<4.7	<48	<48	<96	<19	<5.0	<100	<20	<5.0	NA	NA	NA	NA	NA	NA
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

TABLE 6
GROUNDWATER ANALYTICAL RESULTS

Semi-Volatile Organic Compounds
Results reported in µg/L

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

Client Sample ID:	Applicable Standard µg/L	W-1	W-2	W-3	W-4	MW-1	MW-2	MW-3	MW-4	WW Influent	MW-1	MW-2	MW-3	MW-4	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6
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
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	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
Dibenzofuran	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-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	6.7J	5.8J	<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 µg/L	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:		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

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	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:		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	3/28/2016	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
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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 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	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
Lab Sample ID:	Standard	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
Date Sampled:	µg/L	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
Benzoic Acid	NE	<10	<12	<11	<11	<10	<10	<10	<10	<14	<10	<10	<10	<10	<10	<10	<9.9	<9.6	<11	<11
2-Chlorophenol	NE	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
2,4-Dichlorophenol	20	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
2,4-Dinitrophenol	70	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
2-Methylphenol	NE	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
2-Nitrophenol	NE	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
Pentachlorophenol	1	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
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
2,4,6-Trichlorophenol	30	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
Acenaphthylene	NE	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
Anthracene	NE	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
Benzo(a)anthracene	0.01	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
Benzo(b)fluoranthene	0.2	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
Benzo(k)fluoranthene	NE	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
Butyl benzyl phthalate	100	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-Chloronaphthalene	NE	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
Carbazole	NE	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
bis(2-Chloroethoxy)methane	NE	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
bis(2-Chloroisopropyl)ether	300	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
1,2-Dichlorobenzene	5	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
1,3-Dichlorobenzene	NE	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
2,4-Dinitrotoluene	0.05	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
3,3'-Dichlorobenzidine	0.08	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

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	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
Lab Sample ID:		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
Date Sampled:		10/12/2016	10/13/2016	10/13/2016	10/13/2016	10/12/2016	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
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	NE	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
Diethyl phthalate	5,000	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
bis(2-Ethylhexyl)phthalate	NE	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
Fluorene	1,000	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
Hexachlorobutadiene	1	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
Hexachloroethane	1	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
Isophorone	100	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
2-Methylnaphthalene	NE	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
3-Nitroaniline	NE	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
Naphthalene	20	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
N-Nitrosodimethylamine	0.0007	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
N-Nitrosodiphenylamine	0.0002	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
Pyrene	1,000	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
1,2,4-Trichlorobenzene	70	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 RESULTS

Total and Dissolved Metals
Results reported in µg/L

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

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

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 I
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	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:		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 I
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	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
Lab Sample ID:		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
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
Arsenic Total	10	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)
Cadmium Total	5	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
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
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)
Mercury Total	2	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
Selenium Total	50	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
Arsenic Dissolved	10	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
Cadmium Dissolved	5	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
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
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)
Mercury Dissolved	2	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
Selenium Dissolved	50	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

Notes:
µg/L: micrograms per liter
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a: Sample treated with anti-foaming agent.
b: Dilution required due to matrix interference.

ATTACHMENT A

Boring Logs



Site: Pilot Site No 69

ECS Project# 27-222188.00

Drilling Method : Hand Auger
 Total Depth : 15 ft
 Hole Diameter : 6 inch
 Well Diameter : 1 inch
 Well Material : PVC Schedule 40
 Length of Screen : 2 feet
 Length of Riser : 15.5 feet
 Slot Size : 0.010 inch
 Sampling Method : Hand Auger

LOG OF PZ-1

Location : 2990 Whitesville Rd, LaGrange Ga
 Date Started : 9/20/22
 Date Completed : 9/22/16
 Drilling Co. : EEI
 Rig Type : Hand Auger
 Driller : Vincet Pearson
 Logged By : Robert Werschmidt

DEPTH (feet)	USCS	GRAPHIC	DESCRIPTION	Sample ID	Measured Recovery (%)	PID (ppm)	DEPTH (feet)	
0							0	
1	OL		Tan/brown/white/red/black sandy silt, dry, organic material			3.6	1	
2							2	
3	OL		Brown/red/tan sandy silt fine grained, dry			11	3	Static water
4							4	
5	SC		brown/ gray/tan clayey sand wet fine grained organic odor			14	5	1" PVC riser
6							6	
7	SC		same as 4-6 feet			11	7	
8					100		8	
9	SC		same as 4-6 feet			16	9	Pure Gold Med. Bentonite Chips
10							10	
11	SC		same as 4-6 feet			22	11	20/30 Silica Sand
12							12	
13	SC		same as 4-6 feet			18	13	1" dia. 0.010 Slotted PVC
14							14	
15	SC		same as 4-6 feet			29	15	Solid end cap

bgs = below ground surface

Well sampled to 15 ft.

Installed as a stickup well with 2.5 feet of riser above ground surface.



Site: Pilot Site No 69

ECS Project# 27-222188.00

Drilling Method : Hand Auger
Total Depth : 15 ft
Hole Diameter : 6 inch
Well Diameter : 1 inch
Well Material : PVC Schedule 40
Length of Screen : 2 feet
Length of Riser : 15.5 feet
Slot Size : 0.010 inch
Sampling Method : Hand Auger

LOG OF PZ-2

Location : 2990 Whitesville Rd, LaGrange Ga
Date Started : 9/20/22
Date Completed : 9/22/16
Drilling Co. : EEI
Rig Type : Hand Auger
Driller : Vincet Pearson
Logged By : Robert Werschmidt

DEPTH (feet)	USCS	GRAPHIC	DESCRIPTION	Sample ID	Measured Recovery (%)	PID (ppm)	DEPTH (feet)
0							0
1	OL		Tan/brown/white/red/black/gray sandy silt, dry, organic material			0	1
2							2
3	OL		Brown/red/tan/gray sandy silt fine grained, dry			0	3
4							4
5	SC		brown/ gray/tan clayey sand wet fine grained organic odor			11	5
6							6
7	SC		same as 4-6 feet			19	7
8							8
9	SC		same as 4-6 feet			25	9
10							10
11	SC		same as 4-6 feet			19	11
12							12
13	SC		same as 4-6 feet			23	13
14							14
15	SC		same as 4-6 feet			30	15

Static water

1" PVC riser

Pure Gold Med. Bentonite Chips

20/30 Silica Sand

1" dia. 0.010 Slotted PVC

Solid end cap

bgs = below ground surface

Well sampled to 15 ft.

Installed as a stickup well with 2.5 feet of riser above ground surface.



Site: Pilot Site No 69

ECS Project# 27-222188.00

Drilling Method : Hand Auger
 Total Depth : 15 ft
 Hole Diameter : 6 inch
 Well Diameter : 1 inch
 Well Material : PVC Schedule 40
 Length of Screen : 2 feet
 Length of Riser : 15.5 feet
 Slot Size : 0.010 inch
 Sampling Method : Hand Auger

LOG OF PZ-3

Location : 2990 Whitesville Rd, LaGrange Ga
 Date Started : 9/20/22
 Date Completed : 9/22/16
 Drilling Co. : EEI
 Rig Type : Hand Auger
 Driller : Vincet Pearson
 Logged By : Robert Werschmidt

DEPTH (feet)	USCS	GRAPHIC	DESCRIPTION	Sample ID	Measured Recovery (%)	PID (ppm)	DEPTH (feet)	
0							0	
1	OL		Tan/brown/white/black sandy silt, dry, organic material			0	1	
2							2	
3	OL		Brown/red/tan sandy silt fine grained, dry			0	3	Static water
4							4	
5	SC		brown/ gray/tan/red clayey sand wet fine grained organic odor			3.5	5	1" PVC riser
6							6	
7	SC		same as 4-6 feet			19	7	
8					100		8	
9	SC		same as 4-6 feet			26	9	Pure Gold Med. Bentonite Chips
10							10	
11	SC		same as 4-6 feet			27	11	20/30 Silica Sand
12							12	
13	SC		same as 4-6 feet			31	13	1" dia. 0.010 Slotted PVC
14							14	
15	SC		same as 4-6 feet			45	15	Solid end cap

bgs = below ground surface

Well sampled to 15 ft.

Installed as a stickup well with 2.5 feet of riser above ground surface.



Site: Pilot Site No 69

ECS Project# 27-222188.00

Drilling Method : Hand Auger
 Total Depth : 10 ft
 Hole Diameter : 6 inch
 Well Diameter : 2 inch
 Well Material : PVC Schedule 40
 Length of Screen : 8 feet
 Length of Riser : 4.5 feet
 Slot Size : 0.010 inch
 Sampling Method : Hand Auger

LOG OF MW-12

Location : 2990 Whitesville Rd, LaGrange Ga
 Date Started : 9/20/16
 Date Completed : 9/22/16
 Drilling Co. : EEI
 Rig Type : Hand Auger
 Driller : Vincet Pearson
 Logged By : Robert Werschmidt

DEPTH (feet)	USCS	GRAPHIC	DESCRIPTION	Sample ID	Measured Recovery (%)	PID (ppm)	DEPTH (feet)
0							0
1	OL		Brown/tan/red sandy silt, dry, organic material			11	1
2							2
3	OL		Brown/red/tan/white/red sandy silt fine grained, dry			14	3
4							4
5	SC		brown/ gray/tan/white clayey sand wet fine grained organic odor		100	13	5
6							6
7	SC		same as 4-6 feet			35	7
8							8
9	SC		same as 4-6 feet			16	9
10							10

2" PVC riser

Static water

20/30 Silica Sand

2" dia.
0.010
Slotted
PVC

Solid end cap

bgs = below ground surface

Well sampled to 10 ft

Installed as a stick up well with 2.5 feet of riser above ground.



Site: Pilot Site No 69

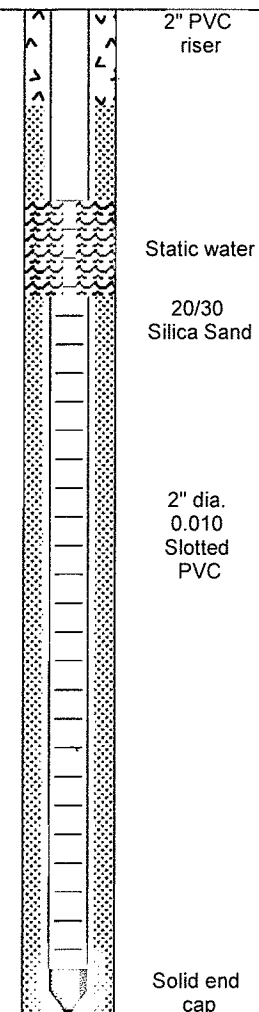
ECS Project# 27-222188.00

Drilling Method : Hand Auger
 Total Depth : 6 ft
 Hole Diameter : 6 inch
 Well Diameter : 2 inch
 Well Material : PVC Schedule 40
 Length of Screen : 8 feet
 Length of Riser : 4.5 feet
 Slot Size : 0.010 inch
 Sampling Method : Hand Auger

LOG OF MW-13

Location : 2990 Whitesville Rd, LaGrange Ga
 Date Started : 9/20/16
 Date Completed : 9/22/16
 Drilling Co. : EEI
 Rig Type : Hand Auger
 Driller : Vincet Pearson
 Logged By : Robert Werschmidt

DEPTH (feet)	USCS	GRAPHIC	DESCRIPTION	Sample ID	Measured Recovery (%)	PID (ppm)	DEPTH (feet)
0							0
1	OL		Tan/brown/white sandy silt, dry, organic material			0	1
2							2
3	OL		Brown/red/tan/white sandy silt fine grained, dry			16	3
4							4
5	SC		brown/ gray/tan/white/black clayey sand wet fine grained organic odor		100	11	5
6							6
7	SC		same as 4-6 feet			19	7
8							8
9	SC		same as 4-6 feet			22	9
10							10



bgs = below ground surface

Well sampled to 10 ft.

Installed as a stick up wel with 2.5 feet of riser above ground.



Site: Pilot Site No 69

ECS Project# 27-222188.00

Drilling Method : Hand Auger
 Total Depth : 10 ft
 Hole Diameter : 6 inch
 Well Diameter : 2 inch
 Well Material : PVC Schedule 40
 Length of Screen : 8 feet
 Length of Riser : 4.5 feet
 Slot Size : 0.010 inch
 Sampling Method : Hand Auger

LOG OF MW-14

Location : 2990 Whitesville Rd, LaGrange Ga
 Date Started : 9/20/16
 Date Completed : 9/22/16
 Drilling Co. : EEI
 Rig Type : Hand Auger
 Driller : Vincet Pearson
 Logged By : Robert Werschmidt

DEPTH (feet)	USCS	GRAPHIC	DESCRIPTION	Sample ID	Measured Recovery (%)	PID (ppm)	DEPTH (feet)
0							0
1	OL		Tan/brown/white sandy silt, dry, organic material			11	1
2							2
3	OL		Brown/red/tan/white sandy silt fine grained, dry			24	3
4							4
5	SC		brown/ gray/tan clayey sand wet fine grained organic odor		100	26	5
6							6
7	SC		same as 4-6 feet			28	7
8							8
9	SC		same as 4-6 feet			19	9
10							10

2" PVC riser
 Static water
 20/30 Silica Sand
 2" dia. 0.010 Slotted PVC
 Solid end cap

bgs = below ground surface

Well sampled to 10 ft.

Installed as a stickup well with 2.5 feet of riser above ground surface.



Site: Pilot Site No 69

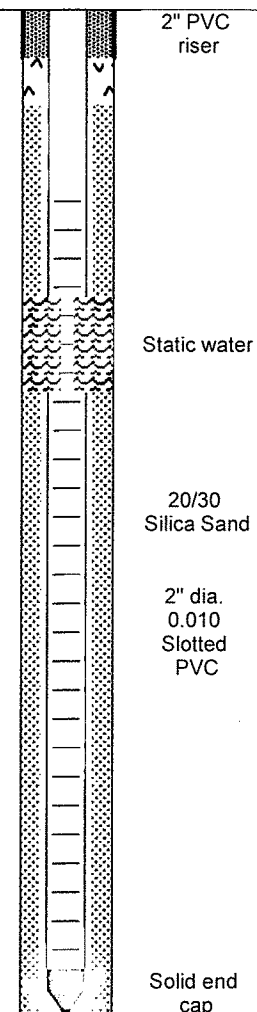
ECS Project# 27-222188.00

Drilling Method : Hand Auger
 Total Depth : 10 ft
 Hole Diameter : 6 inch
 Well Diameter : 2 inch
 Well Material : PVC Schedule 40
 Length of Screen : 8 feet
 Length of Riser : 4.5 feet
 Slot Size : 0.010 inch
 Sampling Method : Hand Auger

LOG OF MW-15

Location : 2990 Whitesville Rd, LaGrange Ga
 Date Started : 9/20/16
 Date Completed : 9/22/16
 Drilling Co. : EEI
 Rig Type : Hand Auger
 Driller : Vincet Pearson
 Logged By : Robert Werschmidt

DEPTH (feet)	USCS	GRAPHIC	DESCRIPTION	Sample ID	Measured Recovery (%)	PID (ppm)	DEPTH (feet)
0							0
1	OL		Tan/brown/white sandy silt, dry, organic material			15	1
2							2
3	OL		Brown/red/tan/white/black sandy silt fine grained, dry			17	3
4							4
5	SC		brown/ gray/tan clayey sand wet fine grained organic odor		100	19	5
6							6
7	SC		same as 4-6 feet			22	7
8							8
9	SC		same as 4-6 feet			17	9
10							10



bgs = below ground surface

Well sampled to 10.

Installed as a stick up well with 2.5 feet of riser above ground surface.



Site: Pilot Site No 69

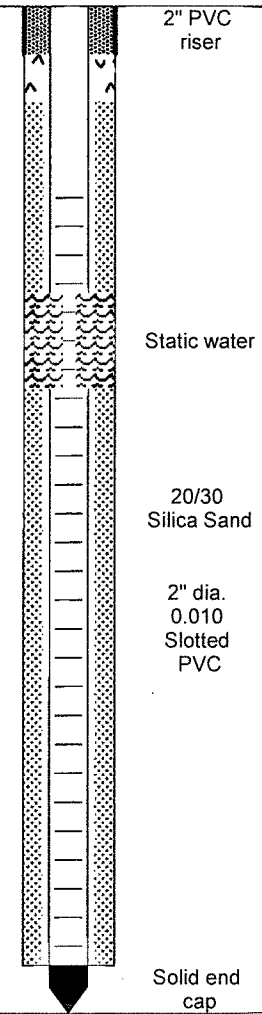
ECS Project# 27-222188.00

Drilling Method : Hand Auger
 Total Depth : 10 ft
 Hole Diameter : 6 inch
 Well Diameter : 2 inch
 Well Material : PVC Schedule 40
 Length of Screen : 8 feet
 Length of Riser : 4.5 feet
 Slot Size : 0.010 inch
 Sampling Method : Hand Auger

LOG OF MW-16

Location : 2990 Whitesville Rd, LaGrange Ga
 Date Started : 9/20/16
 Date Completed : 9/22/16
 Drilling Co. : EEI
 Rig Type : Hand Auger
 Driller : Vincet Pearson
 Logged By : Robert Werschmidt

DEPTH (feet)	USCS	GRAPHIC	DESCRIPTION	Sample ID	Measured Recovery (%)	PID (ppm)	DEPTH (feet)
0							0
1	OL		brown/tan/white/red sandy silt, dry, organic material			3.5	1
2							2
3	OL		Brown/red/tan/white sandy silt fine grained, dry			4.8	3
4							4
5	SC		brown/gray/tan clayey sand wet fine grained organic odor		100	11	5
6							6
7	SC		same as 4-6 feet			13	7
8							8
9	SC		same as 4-6 feet			17	9
10							10



bgs = below ground surface
 Well sampled to 10.
 Installed as a stickup well with 2.5 feet of riser above ground surface.



Site: Pilot Site No 69

ECS Project# 27-222188.00

Drilling Method : Hand Auger
 Total Depth : 6 ft
 Hole Diameter : 6 inch
 Well Diameter : 2 inch
 Well Material : PVC Schedule 40
 Length of Screen : 8 feet
 Length of Riser : 4.5 feet
 Slot Size : 0.010 inch
 Sampling Method : Hand Auger

LOG OF MW-17

Location : 2990 Whitesville Rd, LaGrange Ga
 Date Started : 9/20/16
 Date Completed : 9/22/16
 Drilling Co. : EEI
 Rig Type : Hand Auger
 Driller : Vincet Pearson
 Logged By : Robert Werschmidt

DEPTH (feet)	USCS	GRAPHIC	DESCRIPTION	Sample ID	Measured Recovery (%)	PID (ppm)	DEPTH (feet)	
0							0	2" PVC riser
1	OL		brown/tan/red sandy silt, dry, organic material			11	1	
2							2	
3	OL		Brown/red/tan/white/gray sandy silt fine grained, dry			15	3	Static water
4							4	20/30 Silica Sand
5	SC		brown/gray/tan/white clayey sand wet fine grained organic odor		100	17	5	2" dia. 0.010 Slotted PVC
6							6	
7	SC		same as 4-6 feet			26	7	
8							8	
9	SC		same as 4-6 feet			25	9	
10							10	Solid end cap

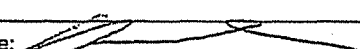
bgs = below ground surface

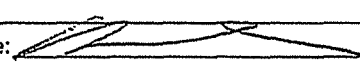
Well sampled to 10 ft.

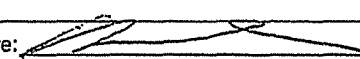
Installed as a stick up well with 2.5 feet of riser above ground.

ATTACHMENT B

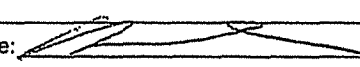
Field Sample Logs

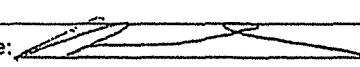
Site Information							
Date: 10/11/16		Site ID #:		Site Name: Pt-69		Field Personnel: R. Werschler	
County:		Project Manager:		General Weather Conditions: Clear		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: Horiba		Serial #: DLL38D42		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N		pH 7.0: ☒ or N	
YSI 55 (Dissolved Oxygen)				pH 10.0: ☒ or N		S.C.: ☒ or N	
LaMotte (Turbidity)				0.0 NTU: ☒ or N		1.0 NTU: Y or N	
						10.0 NTU: ☒ 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: ☐ Baller ☒ Pump	
☒ MW ☐ IW ☐ RW ☐ Other		Screened Interval (ft.): 2 to 10		Total Well Depth (TWD) (ft.): 10.03			
☐ Private WSW ☐ Public WSW							
Depth to Free Product (DFP) (ft.): -		Depth to Groundwater (DGW) (ft.): 7.32		Free Product Thickness (ft.):			
Length of water column (LWC = TWD - DGW) (ft.): 2.71		1 casing volume (CV = LWC x C) (gals.): .44		3 casing volumes (3 x CV) (gals.): 1.32			
Purging Data							
ORP	Initial -97	-82	-80	-50	-41		
Volume Purged (gallons)	0	0.5	1.0	1.5	2.0		
Time (military)	1320	1330	1340	1350	1400		
PH (s.u.)	6.97	6.80	6.84	6.85	6.82		
Specific Conductivity (µS/cm)	.644	.694	.64	.694	.644		
Water Temperature (°C)	21.9	21.9	20.4	20.6	20.3		
Turbidity (NTU)	47	34	11	11	11		
Dissolved Oxygen (mg/L)	4.37	3.01	1.43	1.39	1.34		
Sampling Data							
Sampled By: R. Werschler		Sampling Time: 1400		Duplicate: Y or ☒ N		If yes, Duplicate Time:	
Notes:							
Signature: 							

Site Information							
Date: 10/11/16		Site ID #:		Site Name: Pt-69		Field Personnel: R. Werschler	
County:		Project Manager:		General Weather Conditions: Clear		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: Horiba		Serial #: DLL3PD42		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N		pH 7.0: ☒ or N	
YSI 55 (Dissolved Oxygen)				pH 10.0: ☒ or N			
LaMotte (Turbidity)				S.C.: ☒ or N			
				0.0 NTU: ☒ or N		1.0 NTU: Y or N	
						10.0 NTU: ☒ or N	
Well Information							
Well ID: MV-2		Well Diameter (ft.): 2"		Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: ☐ Bailer ☒ Pump	
☐ MW ☐ IW ☐ RW ☐ Other		☐ Private WSW ☐ Public WSW		Screened Interval (ft.): 2 to 10		Total Well Depth (TWD) (ft.): 12.25	
Depth to Free Product (DFP) (ft.): -		Depth to Groundwater (DGW) (ft.): 8.40		Free Product Thickness (ft.):			
Length of water column (LWC = TWD - DGW) (ft.): 3.35		1 casing volume (CV = LWC x C) (gals.): 0.54		3 casing volumes (3 x CV) (gals.): 1.62			
Purging Data							
ORP	Initial -89	-101	-83	-81	-78		
Volume Purged (gallons)	0	0.5	1.0	1.5	2.0		
Time (military)	1050	1100	1110	1120	1130		
PH (s.u.)	7.03	6.97	6.54	6.51	6.09		
Specific Conductivity (µS/cm)	1.224	1.224	1.229	1.229	1.229		
Water Temperature (°C)	27.3	20.3	19.7	18.6	19.0		
Turbidity (NTU)	47	37	13	13	10		
Dissolved Oxygen (mg/L)	1.47	1.04	1.14	1.11	1.09		
Sampling Data							
Sampled By: R. Werschler		Sampling Time: 1130		Duplicate: Y or ☒ N		If yes, Duplicate Time:	
Notes:							
Signature: 							

Site Information							
Date: 10/11/16		Site ID #:		Site Name: Pt-69		Field Personnel: R. Werschler	
County:		Project Manager:		General Weather Conditions: Clear		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: Horiba		Serial #: DLL3PD92		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N		pH 7.0: ☒ or N	
YSI 55 (Dissolved Oxygen)				pH 10.0: ☒ or N		S.C.: ☒ or N	
LaMotte (Turbidity)				0.0 NTU: ☒ or N		1.0 NTU: Y or N	
						10.0 NTU: ☒ or N	
Well Information							
Well ID: MV-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: ☐ Baller ☒ Pump	
☐ MW ☐ IW ☐ RW ☐ Other		☐ Private WSW ☐ Public WSW		Screened Interval (ft.): 2 to 10		Total Well Depth (TWD) (ft.): 1093	
Depth to Free Product (DFP) (ft.):		Depth to Groundwater (DGW) (ft.): 7.39		Free Product Thickness (ft.):			
Length of water column (LWC = TWD - DGW) (ft.): 3.54		1 casing volume (CV = LWC x C) (gals.): 57		3 casing volumes (3 x CV) (gals.): 1.73			
Purging Data							
ORP	Initial = 63	-74	-74	-81	-80		
Volume Purged (gallons)	0	0.5	1.0	1.5	2.0		
Time (military)	1145	1155	1205	1215	1225		
PH (s.u.)	6.91	6.90	6.84	6.81	6.80		
Specific Conductivity (µS/cm)	2.604	2.604	2.603	2.604	2.604		
Water Temperature (°C)	19.9	19.7	19.9	19.5	19.4		
Turbidity (NTU)	411	37	11	10	8.43		
Dissolved Oxygen (mg/L)	1.40	1.43	1.01	0.99	0.93		
Sampling Data							
Sampled By: R. Werschler		Sampling Time: 12:25		Duplicate: Y or ☒ N		If yes, Duplicate Time:	
Notes:							
Signature: 							

Site Information							
Date: <u>10/11/16</u>	Site ID #:	Site Name: <u>PT-69</u>	Field Personnel: <u>R. Werschmeider</u>				
County:	Project Manager:	General Weather Conditions: <u>Clear</u>			Ambient Air Temp (°F):		
Quality Assurance							
Meter Name: <u>Hanna</u>	Serial #: <u>DLL38D92</u>	Calibration:					
YSI 63 (pH, Specific Conductivity, Temperature)		pH 4.0: ☒ or N	pH 7.0: ☒ or N	pH 10.0: ☒ or N	S.C.: ☒ or N		
YSI 55 (Dissolved Oxygen)		☒ or N					
LaMotte (Turbidity)		0.0 NTU: ☒ or N	1.0 NTU: Y or N	10.0 NTU: ☒ or N			
Well Information							
Well ID: <u>MW-4</u>	Well Diameter (ft.): <u>2"</u>	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.): <u>2</u> to <u>12</u>		Total Well Depth (TWD) (ft.): <u>12.45</u>				
☐ Private WSW ☐ Public WSW	Depth to Free Product (DFP) (ft.): <u>-</u>		Depth to Groundwater (DGW) (ft.): <u>7.25</u>		Free Product Thickness (ft.): <u>-</u>		
Length of water column (LWC = TWD - DGW) (ft.): <u>5.20</u>	1 casing volume (CV = LWC x C) (gals.): <u>84</u>		3 casing volumes (3 x CV) (gals.): <u>252</u>				
Purging Data							
ORP	<u>-37</u>	<u>-47</u>	<u>-54</u>	<u>-81</u>	<u>-83</u>	<u>-81</u>	<u>-80</u>
Volume Purged (gallons)	<u>6</u>	<u>15</u>	<u>1.03</u>	<u>1.5</u>	<u>2.0</u>	<u>2.5</u>	<u>3.0</u>
Time (military)	<u>700</u>	<u>740</u>	<u>720</u>	<u>730</u>	<u>740</u>	<u>750</u>	<u>800</u>
PH (s.u.)	<u>6.97</u>	<u>6.90</u>	<u>6.84</u>	<u>6.74</u>	<u>6.80</u>	<u>6.77</u>	<u>6.74</u>
Specific Conductivity (µS/cm)	<u>1407</u>	<u>1403</u>	<u>1423</u>	<u>1403</u>	<u>1400</u>	<u>1403</u>	<u>1403</u>
Water Temperature (°C)	<u>22.7</u>	<u>21.0</u>	<u>20.3</u>	<u>20.3</u>	<u>20.4</u>	<u>20.5</u>	<u>20.2</u>
Turbidity (NTU)	<u>4.09</u>	<u>3.71</u>	<u>3.0</u>	<u>2.7</u>	<u>1.1</u>	<u>1.1</u>	<u>1.1</u>
Dissolved Oxygen (mg/L)	<u>1.84</u>	<u>1.84</u>	<u>1.70</u>	<u>1.50</u>	<u>1.47</u>	<u>1.49</u>	<u>1.41</u>
Sampling Data							
Sampled By: <u>R. Werschmeider</u>	Sampling Time: <u>800</u>		Duplicate: Y or ☒ N		If yes, Duplicate Time:		
Notes: _____							
Signature: <u>[Signature]</u>							

Site Information							
Date: 10/11/16		Site ID #:		Site Name: Pt-69		Field Personnel: R. Werschler	
County:		Project Manager:		General Weather Conditions: Clear		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: Horiba		Serial #: D2238D42		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N		pH 7.0: ☒ or N	
YSI 55 (Dissolved Oxygen)				pH 10.0: ☒ or N		S.C.: ☒ or N	
LaMotte (Turbidity)				0 or N			
				0.0 NTU: ☒ or N		1.0 NTU: Y or N	
						10.0 NTU: ☒ or N	
Well Information							
Well ID: M1-5		Well Diameter (ft.): 2"		Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: ☒ Bailer ☒ Pump	
☒ MW ☐ IW ☐ RW ☐ Other		Screened Interval (ft.): 2 to 8.51		Total Well Depth (TWD) (ft.): 11.20			
☐ Private WSW ☐ Public WSW							
Depth to Free Product (DFP) (ft.): -		Depth to Groundwater (DGW) (ft.): 8.49		Free Product Thickness (ft.):			
Length of water column (LWC = TWD - DGW) (ft.): 2.71		1 casing volume (CV = LWC x C) (gals.): .44		3 casing volumes (3 x CV) (gals.): 1.32			
Purging Data							
ORP	Initial: -74	-74	-64	-71	-88	-84	-95
Volume Purged (gallons) fine	8	8.010	8.20	8.30	8.40	8.50	9.00
Time (minutes) 901		0.73	.5	1.00	1.50	2.00	2.50
PH (s.u.)		6.73	6.40	6.15	6.04	6.10	6.03
Specific Conductivity (µS/cm)		2.001	2.210	2.210	2.210	2.210	2.210
Water Temperature (°C)		21.3	20.7	19.4	19.4	19.3	19.0
Turbidity (NTU)		1.47	1.09	1.87	1.1	1.1	1.1
Dissolved Oxygen (mg/L)		1.37	1.03	4.60, 4.3	.40	.39	0.37
Sampling Data							
Sampled By: R. Werschler		Sampling Time: 900		Duplicate: Y or ☒ N		If yes, Duplicate Time:	
Notes:							
Signature: 							

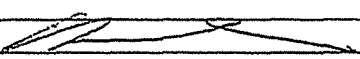
Site Information							
Date: 10/11/16		Site ID #:		Site Name: Pt-69		Field Personnel: R. W. Schneider	
County:		Project Manager:		General Weather Conditions: Clear		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: Horiba		Serial #: DLL38242		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N		pH 7.0: ☒ or N	
YSI 55 (Dissolved Oxygen)				pH 10.0: ☒ or N			
LaMotte (Turbidity)				S.C.: ☒ or N			
				0.0 NTU: ☒ or N		1.0 NTU: Y or N	
						10.0 NTU: ☒ or N	
Well Information							
Well ID: mw-6		Well Diameter (ft.): 2"		Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: ☐ Bailer ☒ Pump	
☒ MW ☐ IW ☐ RW ☐ Other		Screened Interval (ft.): 1 to 91		Total Well Depth (TWD) (ft.): 11.75			
☐ Private WSW ☐ Public WSW							
Depth to Free Product (DFP) (ft.): -		Depth to Groundwater (DGW) (ft.): 9.27		Free Product Thickness (ft.):			
Length of water column (LWC = TWD - DGW) (ft.): 2.68		1 casing volume (CV = LWC x C) (gals.): .43		3 casing volumes (3 x CV) (gals.): 1.31			
Purging Data							
ORP	Initial -101	-103	-87	-84	-84		
Volume Purged (gallons)	0	0.5	1.0	1.5	2.0		
Time (military)	450	1000	1010	1015	1020		
PH (s.u.)	6.97	6.40	6.52	6.49	6.43		
Specific Conductivity (µS/cm)	1.033	1.033	1.033	1.033	1.033		
Water Temperature (°C)	21.7	20.9	20.4	20.0	19.9		
Turbidity (NTU)	47	30	31	3.74	3.47		
Dissolved Oxygen (mg/L)	4.03	3.01	1.43	1.01	1.94		
Sampling Data							
Sampled By: R. W. Schneider		Sampling Time: 1030		Duplicate: Y or ☒ N		If yes, Duplicate Time:	
Notes:							
Signature: 							

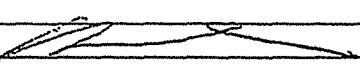
Site Information							
Date: <u>10/12/16</u>		Site ID #:		Site Name: <u>PT-69</u>		Field Personnel: <u>R. Werschler</u>	
County:		Project Manager:		General Weather Conditions: <u>Clear</u>		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: <u>Hanna</u>		Serial #: <u>DLL3BD92</u>		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N		pH 7.0: ☒ or N	
YSI 55 (Dissolved Oxygen)				pH 10.0: ☒ or N			
LaMotte (Turbidity)				S.C.: ☒ or N			
				0.0 NTU: ☒ or N		1.0 NTU: Y or N	
						10.0 NTU: ☒ or N	
Well Information							
Well ID: <u>MW-7</u>		Well Diameter (ft.): <u>2"</u>		Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: <u>Ball</u> ☒ <u>Pump</u>	
☒ MW ☐ IW ☐ RW ☐ Other		☐ Private WSW ☐ Public WSW		Screened Interval (ft.): <u>2</u> to <u>10</u>		Total Well Depth (TWD) (ft.): <u>10.40</u>	
Depth to Free Product (DFP) (ft.):		Depth to Groundwater (DGW) (ft.): <u>7.82</u>		Free Product Thickness (ft.):			
Length of water column (LWC = TWD - DGW) (ft.): <u>2.58</u>		1 casing volume (CV = LWC x C) (gals.): <u>142</u>		3 casing volumes (3 x CV) (gals.): <u>1.26</u>			
Purging Data							
<u>ORP</u>	<u>Initial -49</u>	<u>-80</u>	<u>-81</u>	<u>-83</u>			
Volume Purged (gallons)	<u>0</u>	<u>0.5</u>	<u>1.0</u>	<u>1.5</u>			
Time (military)	<u>1215</u>	<u>1225</u>	<u>1235</u>	<u>1245</u>			
PH (s.u.)	<u>7.30</u>	<u>6.71</u>	<u>6.70</u>	<u>6.74</u>			
Specific Conductivity (µS/cm)	<u>1.497</u>	<u>1.490</u>	<u>1.490</u>	<u>1.490</u>			
Water Temperature (°C)	<u>21.3</u>	<u>20.9</u>	<u>20.7</u>	<u>20.6</u>			
Turbidity (NTU)	<u>511</u>	<u>57</u>	<u>8.94</u>	<u>11</u>			
Dissolved Oxygen (mg/L)	<u>3.73</u>	<u>1.41</u>	<u>1.44</u>	<u>1.40</u>			
Sampling Data							
Sampled By: <u>R. Werschler</u>		Sampling Time: <u>1245</u>		Duplicate: Y or ☒ N		If yes, Duplicate Time:	
Notes: _____							
Signature: <u>[Signature]</u>							

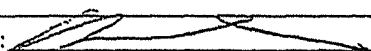
Site Information							
Date: <u>10/13/16</u>		Site ID #: _____		Site Name: <u>pt-69</u>		Field Personnel: <u>R. Werschmidt</u>	
County: _____		Project Manager: _____		General Weather Conditions: <u>Clear</u>		Ambient Air Temp (°F): _____	
Quality Assurance							
Meter Name: <u>Hanna</u>		Serial #: <u>DLL38042</u>		Calibration: _____			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N		pH 7.0: ☒ or N	
YSI 55 (Dissolved Oxygen)				pH 10.0: ☒ or N		S.C.: ☒ or N	
LaMotte (Turbidity)				0.0 NTU: ☒ or N		1.0 NTU: Y or N	
						10.0 NTU: ☒ or N	
Well Information							
Well ID: <u>ML-8</u>		Well Diameter (ft.): <u>2"</u>		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.): <u>2 to 10</u>		Total Well Depth (TWD) (ft.): <u>10.17</u>			
Depth to Free Product (DFP) (ft.): <u>-</u>		Depth to Groundwater (DGW) (ft.): <u>7.74</u>		Free Product Thickness (ft.): _____			
Length of water column (LWC = TWD - DGW) (ft.): <u>2.43</u>		1 casing volume (CV = LWC x C) (gals.): <u>0.39</u>		3 casing volumes (3 x CV) (gals.): <u>1.18</u>			
Purging Data							
ORP	Initial	-41	-40	-84	-81	-80	
Volume Purged (gallons)		0	6.5	1.0	1.5	2.0	
Time (military)		805	815	825	835	845	
PH (s.u.)		7.03	6.44	6.80	6.71	6.74	
Specific Conductivity (µS/cm)		3.740	3.740	3.740	3.740	3.740	
Water Temperature (°C)		21.3	20.3	20.0	19.4	19.7	
Turbidity (NTU)		4.14	3.04	2.11	1.04	0.74	
Dissolved Oxygen (mg/L)		1.37	0.84	0.37	0.38	0.34	
Sampling Data							
Sampled By: <u>R. Werschmidt</u>		Sampling Time: <u>845</u>		Duplicate: Y or ☒ N		If yes, Duplicate Time: _____	
Notes: _____							
Signature: <u>[Signature]</u>							

Site Information							
Date: <u>6/13/16</u>		Site ID #:		Site Name: <u>PT-69</u>		Field Personnel: <u>R. Werschler</u>	
County:		Project Manager:		General Weather Conditions: <u>Clear</u>		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: <u>Hanna</u>		Serial #: <u>DLL38D42</u>		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N		pH 7.0: ☒ or N	
YSI 55 (Dissolved Oxygen)				pH 10.0: ☒ or N			
LaMotte (Turbidity)				S.C.: ☒ or N			
				0.0 NTU: ☒ or N		1.0 NTU: Y or N	
						10.0 NTU: ☒ or N	
Well Information							
Well ID: <u>MV-9</u>		Well Diameter (ft.): <u>2"</u>		Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: <u>Bailer</u> ☒ Pump	
☐ MW ☐ JW ☐ RW ☐ Other		Screened Interval (ft.): <u>2</u> to <u>8</u>		Total Well Depth (TWD) (ft.): <u>8.37</u>			
☐ Private WSW ☐ Public WSW		Depth to Free Product (DFP) (ft.):		Depth to Groundwater (DGW) (ft.): <u>7.7</u>		Free Product Thickness (ft.):	
Length of water column (LWC = TWD - DGW) (ft.): <u>1.67</u>		1 casing volume (CV = LWC x C) (gals.): <u>1.0</u>		3 casing volumes (3 x CV) (gals.): <u>3.0</u>			
Purging Data							
ORP	Initial: <u>-47</u>	<u>-49</u>	<u>-54</u>	<u>-54</u>			
Volume Purged (gallons)	<u>0.50</u>	<u>0.10</u>	<u>0.20</u>	<u>0.30</u>			
Time (military)	<u>850</u>	<u>905</u>	<u>925</u>	<u>945</u>			
PH (s.u.)	<u>6.71</u>	<u>6.70</u>	<u>6.80</u>	<u>6.69</u>			
Specific Conductivity (µS/cm)	<u>1.449</u>	<u>1.449</u>	<u>1.449</u>	<u>1.449</u>			
Water Temperature (°C)	<u>21.7</u>	<u>20.9</u>	<u>20.3</u>	<u>20.1</u>			
Turbidity (NTU)	<u>114</u>	<u>11</u>	<u>14</u>	<u>11</u>			
Dissolved Oxygen (mg/L)	<u>0.97</u>	<u>0.93</u>	<u>0.44</u>	<u>0.41</u>			
Sampling Data							
Sampled By: <u>R. Werschler</u>		Sampling Time: <u>945</u>		Duplicate: Y or ☒ N		If yes, Duplicate Time:	
Notes: _____							
Signature: <u>[Signature]</u>							

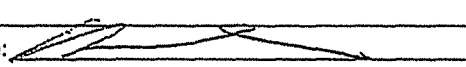
Site Information							
Date: <u>10/12/16</u>		Site ID #:		Site Name: <u>Pt-69</u>		Field Personnel: <u>R. Werschler</u>	
County:		Project Manager:		General Weather Conditions: <u>Clear</u>		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: <u>Hanna</u>		Serial #: <u>DLL38042</u>		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N	pH 7.0: ☒ or N	pH 10.0: ☒ or N	S.C.: ☒ or N
YSI 55 (Dissolved Oxygen)				☒ or N			
LaMotte (Turbidity)				0.0 NTU: ☒ or N	1.0 NTU: Y or N	10.0 NTU: ☒ or N	
Well Information							
Well ID: <u>MW-10</u>		Well Diameter (ft.): <u>2"</u>		Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: <u>Bailer</u> ☒ Pump	
☒ MW ☐ IW ☐ RW ☐ Other		Screened Interval (ft.): <u>2</u> to <u>8</u>		Total Well Depth (TWD) (ft.): <u>8.20</u>			
☐ Private WSW ☐ Public WSW							
Depth to Free Product (DFP) (ft.):		Depth to Groundwater (DGW) (ft.): <u>7.75</u>		Free Product Thickness (ft.):			
Length of water column (LWC = TWD - DGW) (ft.): <u>4.5</u>		1 casing volume (CV = LWC x C) (gals.): <u>0.5</u>		3 casing volumes (3 x CV) (gals.): <u>1.5</u>			
Purging Data							
<u>ORP</u>	<u>Initial</u>						
Volume Purged (gallons)	<u>0</u>	<u>0.05</u>	<u>0.10</u>	<u>0.15</u>	<u>0.20</u>		
Time (military)	<u>824</u>	<u>834</u>	<u>844</u>	<u>854</u>	<u>904</u>		
PH (s.u.)	<u>7.01</u>	<u>7.03</u>	<u>6.99</u>	<u>6.94</u>	<u>6.90</u>		
Specific Conductivity (µS/cm)	<u>1.994</u>	<u>1.999</u>	<u>1.999</u>	<u>1.999</u>	<u>1.999</u>		
Water Temperature (°C)	<u>20.3</u>	<u>19.4</u>	<u>19.7</u>	<u>19.5</u>	<u>19.4</u>		
Turbidity (NTU)	<u>114</u>	<u>103</u>	<u>13</u>	<u>10</u>	<u>10</u>		
Dissolved Oxygen (mg/L)	<u>0.94</u>	<u>0.99</u>	<u>0.40</u>	<u>0.91</u>	<u>0.93</u>		
Sampling Data							
Sampled By: <u>R. Werschler</u>		Sampling Time: <u>9:15 10/14</u>		Duplicate: Y or <u>N</u>		If yes, Duplicate Time:	
Notes: _____							
Signature: <u>[Signature]</u>							

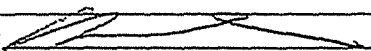
Site Information							
Date: 10/12/16		Site ID #:		Site Name: Pt-69		Field Personnel: R. Werschmider	
County:		Project Manager:		General Weather Conditions: Clear		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: Horiba		Serial #: DLL38D42		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N		pH 7.0: ☒ or N	
YSI 55 (Dissolved Oxygen)				or N			
LaMotte (Turbidity)				0.0 NTU: ☒ or N		1.0 NTU: Y or N	
						10.0 NTU: ☒ 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: ☐ Bailer ☒ Pump	
☒ MW ☐ IW ☐ RW ☐ Other				Screened Interval (ft.): 2 to 8		Total Well Depth (TWD) (ft.): 7.53 8.70	
☐ Private WSW ☐ Public WSW							
Depth to Free Product (DFP) (ft.): 2"		Depth to Groundwater (DGW) (ft.): 7.50		Free Product Thickness (ft.):			
Length of water column (LWC = TWD - DGW) (ft.): 1.20		1 casing volume (CV = LWC x C) (gals.): .14		3 casing volumes (3 x CV) (gals.): .58			
Purging Data							
ORP	Initial						
Volume Purged (gallons)	0.25	0.50	0.75	1.00			
Time (minutes)	730	740	750	800			
PH (s.u.)	6.94	6.90	6.83	6.81			
Specific Conductivity (µS/cm)	0.997	0.997	0.997	0.997			
Water Temperature (°C)	20.3	20.0	19.9	19.7			
Turbidity (NTU)	21	14	13	16			
Dissolved Oxygen (mg/L)	6.90	1.90	1.91	1.93			
Sampling Data							
Sampled By: R. Werschmider		Sampling Time: 800		Duplicate: Y or ☒ N		If yes, Duplicate Time:	
Notes:							
Signature: 							

Site Information							
Date: 10/11/16		Site ID #:		Site Name: Pt-69		Field Personnel: R. Woschler	
County:		Project Manager:		General Weather Conditions: Clear		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: Horiba		Serial #: DLL3PD42		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N		pH 7.0: ☒ or N	
YSI 55 (Dissolved Oxygen)				pH 10.0: ☒ or N			
LaMotte (Turbidity)				S.C.: ☒ or N			
				0.0 NTU: ☒ or N		1.0 NTU: Y or N	
						10.0 NTU: ☒ 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: ☐ Baller ☒ Pump	
☐ MW ☐ IW ☐ RW ☐ Other		☐ Private WSW ☐ Public WSW		Screened Interval (ft.): 2 to 12		Total Well Depth (TWD) (ft.): 12.42	
Depth to Free Product (DFP) (ft.): -		Depth to Groundwater (DGW) (ft.): 8.412		Free Product Thickness (ft.):			
Length of water column (LWC = TWD - DGW) (ft.): 4.00		1 casing volume (CV = LWC x C) (gals.): .65		3 casing volumes (3 x CV) (gals.): 1.95			
Purging Data							
ORP	Initial						
Volume Purged (gallons)	0	0.5	1.0	1.5	2.0	2.5	
Time (military)	1410	1420	1430	1440	1450	1500	
PH (s.u.)	6.94	6.85	6.80	6.74	6.71	6.73	
Specific Conductivity (µS/cm)	1.004	1.004	1.004	1.004	1.004	1.004	
Water Temperature (°C)	21.7	21.0	20.3	20.3	20.2	20.5	
Turbidity (NTU)	411	31	210	24	21	11	
Dissolved Oxygen (mg/L)	1.01	1.41	1.03	0.94	0.97	0.99	
Sampling Data							
Sampled By: R. Woschler		Sampling Time: 1500		Duplicate: Y or ☒ N		If yes, Duplicate Time:	
Notes:							
Signature: 							

Site Information							
Date: <u>10/12/16</u>		Site ID #:		Site Name: <u>PT-69</u>		Field Personnel: <u>R. Werschler</u>	
County:		Project Manager:		General Weather Conditions: <u>Clear</u>		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: <u>Hanna</u>		Serial #: <u>DLL3BD42</u>		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N		pH 7.0: ☒ or N	
YSI 55 (Dissolved Oxygen)				or N			
LaMotte (Turbidity)				0.0 NTU: ☒ or N		1.0 NTU: Y or N	
						10.0 NTU: ☒ or N	
Well Information							
Well ID: <u>MW-13</u>		Well Diameter (ft.): <u>2"</u>		Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: <u> </u> Bailer ☒ Pump	
☒ MW ☐ IW ☐ RW ☐ Other <u> </u>		Screened Interval (ft.): <u>2 to 12</u>		Total Well Depth (TWD) (ft.): <u>8.25 12.37</u>			
Depth to Free Product (DFP) (ft.): <u> </u>		Depth to Groundwater (DGW) (ft.): <u>8.59</u>		Free Product Thickness (ft.): <u> </u>			
Length of water column (LWC = TWD - DGW) (ft.): <u>3.78</u>		1 casing volume (CV = LWC x C) (gals.): <u>.61</u>		3 casing volumes (3 x CV) (gals.): <u>1.84</u>			
Purging Data							
<u>ORP</u>	Initial	<u>-41</u>	<u>-34</u>	<u>-37</u>	<u>-34</u>	<u>-31</u>	
Volume Purged (gallons)	<u>0</u>	<u>0.50</u>	<u>1.00</u>	<u>1.50</u>	<u>2.00</u>		
Time (military)	<u>935</u>	<u>945</u>	<u>455</u>	<u>1005</u>	<u>1015</u>		
PH (s.u.)	<u>6.84</u>	<u>6.80</u>	<u>6.71</u>	<u>6.74</u>	<u>6.75</u>		
Specific Conductivity (µS/cm)	<u>874</u>	<u>874</u>	<u>874</u>	<u>874</u>	<u>874</u>		
Water Temperature (°C)	<u>21.3</u>	<u>20.9</u>	<u>20.3</u>	<u>20.0</u>	<u>19.7</u>		
Turbidity (NTU)	<u>311</u>	<u>37</u>	<u>42</u>	<u>10</u>	<u>10</u>		
Dissolved Oxygen (mg/L)	<u>0.97</u>	<u>0.90</u>	<u>0.83</u>	<u>0.84</u>	<u>0.86</u>		
Sampling Data							
Sampled By: <u>R. Werschler</u>		Sampling Time: <u>1015</u>		Duplicate: Y or ☒ N		If yes, Duplicate Time:	
Notes: <u> </u>							
Signature: <u></u>							

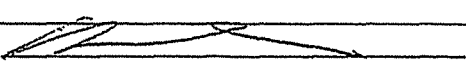
Site Information							
Date: <u>6/12/16</u>		Site ID #:		Site Name: <u>Pt-69</u>		Field Personnel: <u>R. Werschler</u>	
County:		Project Manager:		General Weather Conditions: <u>Clear</u>		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: <u>Horiba</u>		Serial #: <u>DLL38092</u>		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: <u>Y</u> or N		pH 7.0: <u>Y</u> or N	
YSI 55 (Dissolved Oxygen)				pH 10.0: <u>Y</u> or N			
LaMotte (Turbidity)				S.C.: <u>Y</u> or N			
				0.0 NTU: <u>Y</u> or N		1.0 NTU: Y or N	
						10.0 NTU: <u>Y</u> or N	
Well Information							
Well ID: <u>MW-14</u>		Well Diameter (ft.): <u>2"</u>		Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: <u>Bailer</u> ☒ Pump	
☒ MW ☐ IW ☐ RW ☐ Other		Screened Interval (ft.): <u>2 to 12.2</u>		Total Well Depth (TWD) (ft.): <u>9.49 / 12.21</u>			
☐ Private WSW ☐ Public WSW							
Depth to Free Product (DFP) (ft.):		Depth to Groundwater (DGW) (ft.): <u>7.49</u>		Free Product Thickness (ft.):			
Length of water column (LWC = TWD - DGW) (ft.): <u>1.97</u>		1 casing volume (CV = LWC x C) (gals.): <u>0.32</u>		3 casing volumes (3 x CV) (gals.): <u>0.96</u>			
Purging Data							
<u>ORP</u>	<u>Initial</u>	<u>-04</u>	<u>-04</u>	<u>-151</u>	<u>-103</u>		
Volume Purged (gallons)	<u>0</u>	<u>0.25</u>	<u>0.50</u>	<u>0.75</u>	<u>1.00</u>		
Time (minutes)	<u>1720</u>	<u>1730</u>	<u>1740</u>	<u>1750</u>	<u>1800</u>		
PH (s.u.)	<u>6.84</u>	<u>6.90</u>	<u>6.87</u>	<u>6.88</u>	<u>6.87</u>		
Specific Conductivity (µS/cm)	<u>1.904</u>	<u>1.904</u>	<u>1.904</u>	<u>1.904</u>	<u>1.904</u>		
Water Temperature (°C)	<u>21.7</u>	<u>21.3</u>	<u>21.0</u>	<u>21.3</u>	<u>21.04</u>		
Turbidity (NTU)	<u>44</u>	<u>32</u>	<u>11</u>	<u>11</u>	<u>10.3</u>		
Dissolved Oxygen (mg/L)	<u>0.37</u>	<u>3.21</u>	<u>1.39</u>	<u>1.42</u>	<u>1.37</u>		
Sampling Data							
Sampled By: <u>R. Werschler</u>		Sampling Time: <u>1800</u>		Duplicate: Y or <u>N</u>		If yes, Duplicate Time:	
Notes: _____							
Signature: <u>[Signature]</u>							

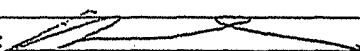
Site Information							
Date: 10/13/16		Site ID #:		Site Name: Pt-69		Field Personnel: R. W. Schneider	
County:		Project Manager:		General Weather Conditions: Clear		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: Horiba		Serial #: DLL38D42		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N	pH 7.0: ☒ or N	pH 10.0: ☒ or N	S.C.: ☒ or N
YSI 55 (Dissolved Oxygen)				☒ or N			
LaMotte (Turbidity)				0.0 NTU: ☒ or N	1.0 NTU: Y or N	10.0 NTU: ☒ or N	
Well Information							
Well ID: mv-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: ☐ Bailer ☒ Pump	
☒ MW ☐ IW ☐ RW ☐ Other		Screened Interval (ft.): 2 to 12		Total Well Depth (TWD) (ft.): 12.60			
☐ Private WSW ☐ Public WSW							
Depth to Free Product (DFP) (ft.): -		Depth to Groundwater (DGW) (ft.): 8.25		Free Product Thickness (ft.):			
Length of water column (LWC = TWD - DGW) (ft.): 0.00 4.35		1 casing volume (CV = LWC x C) (gals.): 0.00 0.70		3 casing volumes (3 x CV) (gals.): 2.12			
Purging Data							
ORP	Initial -47	-49	-54	-54	-62	-65	
Volume Purged (gallons)	0.500	0.500	1.00	1.50	2.50	2.50	
Time (military)	1010	1020	1030	1040	1050	1100	
PH (s.u.)	6.97	6.84	6.80	6.71	6.74	6.73	
Specific Conductivity (µS/cm)	1.237	1.237	1.237	1.237	1.237	1.237	
Water Temperature (°C)	21.3	21.4	20.3	19.7	19.6	19.9	
Turbidity (NTU)	49	32	10	8.73	10	10	
Dissolved Oxygen (mg/L)	1.43	0.97	0.91	0.93	0.99	0.95	
Sampling Data							
Sampled By: R. W. Schneider		Sampling Time: 1100		Duplicate: Y or ☒ N		If yes, Duplicate Time:	
Notes:							
Signature: 							

Site Information							
Date: 10/12/16		Site ID #:		Site Name: Pt-69		Field Personnel: R. Werschmidt	
County:		Project Manager:		General Weather Conditions: Clear		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: Horiba		Serial #: DLL38D92		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N		pH 7.0: ☒ or N	
YSI 55 (Dissolved Oxygen)				pH 10.0: ☒ or N		S.C.: ☒ or N	
LaMotte (Turbidity)				0.0 NTU: ☒ or N		1.0 NTU: Y or N	
						10.0 NTU: ☒ 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: ☐ Baller ☒ Pump	
☒ MW ☐ IW ☐ RW ☐ Other		Screened Interval (ft.): 2 to 12		Total Well Depth (TWD) (ft.): 12.30			
Depth to Free Product (DFP) (ft.): -		Depth to Groundwater (DGW) (ft.): 10.08		Free Product Thickness (ft.):			
Length of water column (LWC = TWD - DGW) (ft.): 2.22		1 casing volume (CV = LWC x C) (gals.): 36		3 casing volumes (3 x CV) (gals.): 1.08			
Purging Data							
ORP	Initial -37	-41	-49	-54	-44	-50	
Volume Purged (gallons)	0	0.25	0.50	0.75	1.25	1.25	
Time (military)	1110	1120	1130	1140	1150	1200	
PH (s.u.)	5.37	6.80	6.81	6.83	6.90	6.91	
Specific Conductivity (µS/cm)	1.222	1.222	1.222	1.222	1.222	1.222	
Water Temperature (°C)	21.1	20.3	20.4	20.0	19.7	19.4	
Turbidity (NTU)	22	11	11	9.73	9.37	9.03	
Dissolved Oxygen (mg/L)	1.40	1.03	0.84	0.83	0.81	0.79	
Sampling Data							
Sampled By: R. Werschmidt		Sampling Time: 1200		Duplicate: Y or ☒ N		If yes, Duplicate Time:	
Notes:							
Signature: 							

Site Information							
Date: <u>10/11/16</u>		Site ID #:		Site Name: <u>PT-69</u>		Field Personnel: <u>R. Werschmeider</u>	
County:		Project Manager:		General Weather Conditions: <u>Clear</u>		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: <u>Hanna</u>		Serial #: <u>DLL3BD42</u>		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N		pH 7.0: ☒ or N	
YSI 55 (Dissolved Oxygen)				pH 10.0: ☒ or N		S.C.: ☒ or N	
LaMotte (Turbidity)				0.0 NTU: ☒ or N		1.0 NTU: Y or N	
						10.0 NTU: ☒ or N	
Well Information							
Well ID: <u>HW-17</u>		Well Diameter (ft.): <u>2"</u>		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.): <u>2 to 12</u>		Total Well Depth (TWD) (ft.): <u>12.81</u>			
☐ Private WSW ☐ Public WSW							
Depth to Free Product (DFP) (ft.): <u>-</u>		Depth to Groundwater (DGW) (ft.): <u>9.00</u>		Free Product Thickness (ft.):			
Length of water column (LWC = TWD - DGW) (ft.): <u>3.81</u>		1 casing volume (CV = LWC x C) (gals.): <u>.62</u>		3 casing volumes (3 x CV) (gals.): <u>1.86</u>			
Purging Data							
ORP	Initial <u>-39</u>	<u>-42</u>	<u>-44</u>	<u>-47</u>	<u>-54</u>		
Volume Purged (gallons)	<u>0</u>	<u>.5</u>	<u>1.00</u>	<u>1.50</u>	<u>2.00</u>		
Time (military)	<u>9:05</u>	<u>9:15</u>	<u>9:25</u>	<u>9:35</u>	<u>9:45</u>		
PH (s.u.)	<u>6.87</u>	<u>6.81</u>	<u>6.77</u>	<u>6.75</u>	<u>6.77</u>		
Specific Conductivity (µS/cm)	<u>1.374</u>	<u>1.374</u>	<u>1.374</u>	<u>1.374</u>	<u>1.374</u>		
Water Temperature (°C)	<u>21.0</u>	<u>20.3</u>	<u>20.5</u>	<u>20.6</u>	<u>20.3</u>		
Turbidity (NTU)	<u>37</u>	<u>37</u>	<u>19</u>	<u>10</u>	<u>10</u>		
Dissolved Oxygen (mg/L)	<u>2.30</u>	<u>1.03</u>	<u>0.47</u>	<u>0.80</u>	<u>0.99</u>		
Sampling Data							
Sampled By: <u>R. Werschmeider</u>		Sampling Time: <u>945</u>		Duplicate: Y or ☒ N		If yes, Duplicate Time:	
Notes: _____							
Signature: <u>[Signature]</u>							

Site Information							
Date: <u>10/12/16</u>		Site ID #:		Site Name: <u>Pt-69</u>		Field Personnel: <u>R. Werschler</u>	
County:		Project Manager:		General Weather Conditions: <u>Clear</u>		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: <u>Horiba</u>		Serial #: <u>DLL3PD92</u>		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N		pH 7.0: ☒ or N	
YSI 55 (Dissolved Oxygen)				pH 10.0: ☒ or N			
LaMotte (Turbidity)				S.C.: ☒ or N			
				0.0 NTU: ☒ or N		1.0 NTU: Y or N	
						10.0 NTU: ☒ or N	
Well Information							
Well ID: <u>P2-1</u>		Well Diameter (ft.): <u>1"</u>		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 <u>P2</u>		☐ Private WSW ☐ Public WSW		Screened Interval (ft.): <u>13 to 15</u>		Total Well Depth (TWD) (ft.): <u>16.00</u>	
Depth to Free Product (DFP) (ft.): <u>-</u>		Depth to Groundwater (DGW) (ft.): <u>7.37</u>		Free Product Thickness (ft.):			
Length of water column (LWC = TWD - DGW) (ft.): <u>8.63</u>		1 casing volume (CV = LWC x C) (gals.): <u>0.46</u>		3 casing volumes (3 x CV) (gals.): <u>1.38</u>			
Purging Data							
ORP	Initial -82	-89	-94	-94	-93	-96	
Volume Purged (gallons)	0	0.25	0.50	0.75	1.00	1.25	
Time (military)	1555	1605	1615	1625	1635	1645	
PH (s.u.)	6.74	6.76	6.77	6.79	6.82	6.81	
Specific Conductivity (µS/cm)	1.374	1.374	1.374	1.374	1.374	1.374	
Water Temperature (°C)	21.0	19.7	19.6	19.6	19.4	19.5	
Turbidity (NTU)	42	37	31	18	17	9.83	
Dissolved Oxygen (mg/L)	6.41	3.72	0.97	0.99	0.89	0.94	
Sampling Data							
Sampled By: <u>R. Werschler</u>		Sampling Time: <u>1645</u>		Duplicate: Y or ☒ N		If yes, Duplicate Time:	
Notes:							
Signature: <u>[Signature]</u>							

Site Information							
Date: 10/12/16		Site ID #:		Site Name: Pt-69		Field Personnel: R. Werschler	
County:		Project Manager:		General Weather Conditions: Clear		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: Horiba		Serial #: DLL3PD42		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N		pH 7.0: ☒ or N	
YSI 55 (Dissolved Oxygen)				pH 10.0: ☒ or N			
LaMotte (Turbidity)				S.C.: ☒ or N			
				0.0 NTU: ☒ or N		1.0 NTU: Y or N	
						10.0 NTU: ☒ or N	
Well Information							
Well ID: P2.2		Well Diameter (ft.): 1.0		Conversion Factor (C): 1" well = 0.047, 2" well = 0.18, 4" well = 0.652		Method of Purging/Sample Collection: ☒ Bailer ☒ Pump	
☐ MW ☐ IW ☐ RW ☐ Other P2		☐ Private WSW ☐ Public WSW		Screened Interval (ft.): 13 to 15		Total Well Depth (TWD) (ft.): 16.20	
Depth to Free Product (DFP) (ft.): —		Depth to Groundwater (DGW) (ft.): 7.70		Free Product Thickness (ft.):			
Length of water column (LWC = TWD - DGW) (ft.): 8.50		1 casing volume (CV = LWC x C) (gals.): 39		3 casing volumes (3 x CV) (gals.): 119			
Purging Data							
ORP	Initial -80	-74	-71	-73	-71	-74	
Volume Purged (gallons)	0	0.25	0.60	0.75	1.00	1.25	
Time (military)	1440	1450	1500	1510	1520	1530	
PH (s.u.)	6.47	6.57	6.60	6.69	6.71	6.73	
Specific Conductivity (µS/cm)	2.031	2.031	2.031	2.031	2.031	2.03	
Water Temperature (°C)	22.1	21.0	20.7	20.5	20.5	20.6	
Turbidity (NTU)	94	19	10	10	9.45	9.09	
Dissolved Oxygen (mg/L)	0.39	0.42	0.43	0.43	0.41	0.42	
Sampling Data							
Sampled By: R. Werschler		Sampling Time: 1530		Duplicate: Y or ☒ N		If yes, Duplicate Time:	
Notes:							
Signature: 							

Site Information							
Date: 10/12/16		Site ID #:		Site Name: Pt-69		Field Personnel: R. Werschmidt	
County:		Project Manager:		General Weather Conditions: Clear		Ambient Air Temp (°F):	
Quality Assurance							
Meter Name: Horiba		Serial #: DLL3PD42		Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)				pH 4.0: ☒ or N		pH 7.0: ☒ or N	
YSI 55 (Dissolved Oxygen)				pH 10.0: ☒ or N			
LaMotte (Turbidity)				S.C.: ☒ or N			
				0.0 NTU: ☒ or N		1.0 NTU: Y or N	
						10.0 NTU: ☒ or N	
Well Information							
Well ID: P2-3		Well Diameter (ft.): 1.75"		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: P2		Screened Interval (ft.): 13 to 15		Total Well Depth (TWD) (ft.): 16.52			
☐ Private WSW ☐ Public WSW							
Depth to Free Product (DFP) (ft.):		Depth to Groundwater (DGW) (ft.): 8.24		Free Product Thickness (ft.):			
Length of water column (LWC = TWD - DGW) (ft.): 8.28		1 casing volume (CV = LWC x C) (gals.): 1.38		3 casing volumes (3 x CV) (gals.): 4.16			
Purging Data							
ORP	Initial: -64	-71	-84	-81	-83		
Volume Purged (gallons)	0.25	0.50	0.75	1.00	1.25		
Time (military)	1320	1330	1340	1350	1400		
PH (s.u.)	6.27	6.41	6.49	6.49	6.50		
Specific Conductivity (µS/cm)	1.557	1.557	1.557	1.557	1.557		
Water Temperature (°C)	21.0	20.9	20.7	20.5	20.4		
Turbidity (NTU)	34	30	19	11	9.40		
Dissolved Oxygen (mg/L)	0.39	0.27	0.29	0.28	0.27		
Sampling Data							
Sampled By: R. Werschmidt		Sampling Time: 1400		Duplicate: Y or ☒ N		If yes, Duplicate Time:	
Notes:							
Signature: 							

ATTACHMENT C

Laboratory Analytical Reports

Technical Report for

Pilot Travel Centers LLC

PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

27.222188.00

SGS Accutest Job Number: FA33644

Sampling Date: 05/03/16



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: 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), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, 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.

Table of Contents

Sections:

1

2

3

4

5

-1-

Section 1: Sample Summary	3
Section 2: Summary of Hits	4
Section 3: Sample Results	5
3.1: FA33644-1: WW EFF 1	6
3.2: FA33644-2: WW EFF 2	7
3.3: FA33644-3: SS 2	8
3.4: FA33644-4: SS 3	9
Section 4: Misc. Forms	10
4.1: Chain of Custody	11
Section 5: GC/MS Volatiles - QC Data Summaries	14
5.1: Method Blank Summary	15
5.2: Blank Spike Summary	18
5.3: Matrix Spike/Matrix Spike Duplicate Summary	21



Sample Summary

Pilot Travel Centers LLC

Job No: FA33644

PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA
Project No: 27.222188.00

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA33644-1	05/03/16	10:20 PN	05/04/16	AQ	Water	WW EFF 1
FA33644-2	05/03/16	10:30 PN	05/04/16	AQ	Water	WW EFF 2
FA33644-3	05/03/16	11:30 PN	05/04/16	AQ	Water	SS 2
FA33644-4	05/03/16	11:50 PN	05/04/16	AQ	Water	SS 3

Summary of Hits

Page 1 of 1

Job Number: FA33644
Account: Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA
Collected: 05/03/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA33644-1	WW EFF 1					
1,4-Dioxane		0.57 J	1.0	0.30	ug/l	SW846 8260B BY SIM
FA33644-2	WW EFF 2					
1,4-Dioxane		5.6	1.0	0.30	ug/l	SW846 8260B BY SIM
FA33644-3	SS 2					
1,4-Dioxane ^a		8.1	1.0	0.30	ug/l	SW846 8260B BY SIM
FA33644-4	SS 3					

No hits reported in this sample.

(a) Sample was treated with an anti-foaming agent.



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WW EFF 1	Date Sampled:	05/03/16
Lab Sample ID:	FA33644-1	Date Received:	05/04/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260B BY SIM		
Project:	PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z40708.D	1	05/05/16	MM	n/a	n/a	VZ1530
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	0.57	1.0	0.30	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%		74-125%
2037-26-5	Toluene-D8	100%		88-111%

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

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

Report of Analysis

Client Sample ID:	WW EFF 2	Date Sampled:	05/03/16
Lab Sample ID:	FA33644-2	Date Received:	05/04/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260B BY SIM		
Project:	PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z40709.D	1	05/05/16	MM	n/a	n/a	VZ1530
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	5.6	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	102%		74-125%
2037-26-5	Toluene-D8	106%		88-111%

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

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

Report of Analysis

Client Sample ID:	SS 2		
Lab Sample ID:	FA33644-3	Date Sampled:	05/03/16
Matrix:	AQ - Water	Date Received:	05/04/16
Method:	SW846 8260B BY SIM	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	Z40724.D	1	05/06/16	MM	n/a	n/a	VZ1531
Run #2 ^b	Z40710.D	1	05/05/16	MM	n/a	n/a	VZ1530

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

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	8.1	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	17% ^c	56% ^c	74-125%
2037-26-5	Toluene-D8	165% ^c	145% ^c	88-111%

- (a) Sample was treated with an anti-foaming agent.
(b) Confirmation run for internal standard failure.
(c) Outside control limits due to matrix interference.

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

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

Report of Analysis

Client Sample ID:	SS 3		
Lab Sample ID:	FA33644-4	Date Sampled:	05/03/16
Matrix:	AQ - Water	Date Received:	05/04/16
Method:	SW846 8260B BY SIM	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	Z40711.D	1	05/05/16	MM	n/a	n/a	VZ1530
Run #2 ^a	Z40725.D	10	05/06/16	MM	n/a	n/a	VZ1531
Run #3 ^b	Z40795.D	100	05/10/16	MM	n/a	n/a	VZ1533

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml
Run #3	5.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND ^c	100	30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
17060-07-0	1,2-Dichloroethane-D4	93%	98%	99%	74-125%
2037-26-5	Toluene-D8	109%	109%	100%	88-111%

(a) Confirmation run for internal standard failure.

(b) Dilution required due to matrix interference.

(c) Result is from Run# 3

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

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



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: FA33644 CLIENT: ECS PROJECT: PT 67/27
 DATE/TIME RECEIVED: 5-4-16 09:15 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: _____
 AIRBILL NUMBERS: 8092 5090 8093

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 +0.2
- ☐ OBSERVED TEMPS: 3.0
- ☐ 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# _____

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE [Signature] 5-4-16 REVIEWER SIGNATURE/DATE [Signature] 5/4/16

NF 11/15

RECEIPTLOG040416.xls

FA33644: Chain of Custody

Page 2 of 3

00035

01000

Fed

Express

Package
US AirbillFedEx
Tracking
Number

8092 5090 8093

MUR 4

Form
ID No. 0215

1 From
Date 5/6/16
Sender's Name [Redacted] Phone (285) 414-145
Company ELS
Address 1391 1st St
City Jacksonville State FL ZIP 32036
Dept./Floor/Suite/Room

2 Your Internal Billing Reference 27-722188

3 To
Recipient's Name SAMPLE MANAGEMENT Phone 407 425-6700
Company ACCUTEST LABORATORIES
Address 4405 VINELAND RD STE C15
We cannot deliver to P.O. boxes or P.O. ZIP codes
City ORLANDO State FL ZIP 32811-5803
Use this line for the HOLD location address or for continuation of your shipping address.



8092 5090 8093

4 Express Package Service * To most locations. Packages up to 150 lbs. For packages over 150 lbs., see the FedEx Express Freight US Airbill.

Next Business Day

- ☐ **FedEx First Overnight**
Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☐ **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.

2 or 3 Business Days

- ☐ **FedEx 2Day A.M.**
Second business morning. Saturday Delivery NOT available.
- ☐ **FedEx 2Day**
Second business afternoon. Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☐ **FedEx Express Saver**
Third business day. Saturday Delivery NOT available.

5 Packaging * Declared value limit \$200.

- ☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

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

Does this shipment contain dangerous goods?

- ☒ No ☐ Yes ☐ Shipper's Declaration ☐ Shipper's Declaration not required
- ☐ Dry Ice ☐ Dry Ice, 5, UN 1845 ☐ Cargo Aircraft Only
- Restrictions apply for dangerous goods — see the current FedEx Service Guide.

7 Payment Bill to:

- Enter FedEx Acct. No. or Credit Card No. below. Obtain ref. No. Acct. No.
- ☐ Sender ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check
- Total Packages Total Weight lbs. Credit Card Auth.

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

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FA33644: Chain of Custody

Page 3 of 3

SGS

13 of 23
ACCUTEST
FA33644



GC/MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: FA33644
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1530-MB	Z40707.D	1	05/05/16	MM	n/a	n/a	VZ1530

The QC reported here applies to the following samples: Method: SW846 8260B BY SIM
FA33644-1, FA33644-2, FA33644-3, FA33644-4

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

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	104% 74-125%
2037-26-5	Toluene-D8	102% 88-111%

Method Blank Summary

Job Number: FA33644
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1531-MB	Z40721.D	1	05/06/16	MM	n/a	n/a	VZ1531

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

FA33644-3, FA33644-4

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	103% 88-111%

Method Blank Summary

Job Number: FA33644
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1533-MB	Z40785.D	1	05/10/16	MM	n/a	n/a	VZ1533

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

FA33644-4

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

Blank Spike Summary

Job Number: FA33644
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1530-BS	Z40705.D	1	05/05/16	MM	n/a	n/a	VZ1530

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

FA33644-1, FA33644-2, FA33644-3, FA33644-4

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

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

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: FA33644

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1531-BS	Z40720.D	1	05/06/16	MM	n/a	n/a	VZ1531

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA33644-3, FA33644-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	21.2	106	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	94%	74-125%
2037-26-5	Toluene-D8	101%	88-111%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: FA33644

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1533-BS	Z40784.D	1	05/10/16	MM	n/a	n/a	VZ1533

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA33644-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	22.4	112	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	98%	74-125%
2037-26-5	Toluene-D8	100%	88-111%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA33644
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA33644-1MS	Z40712.D	1	05/05/16	MM	n/a	n/a	VZ1530
FA33644-1MSD	Z40713.D	1	05/05/16	MM	n/a	n/a	VZ1530
FA33644-1	Z40708.D	1	05/05/16	MM	n/a	n/a	VZ1530

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

FA33644-1, FA33644-2, FA33644-3, FA33644-4

CAS No.	Compound	FA33644-1 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	0.57	J	20	35.8	176*	20	23.8	116	40*	65-121/27

CAS No.	Surrogate Recoveries	MS	MSD	FA33644-1	Limits
17060-07-0	1,2-Dichloroethane-D4	96%	97%	104%	74-125%
2037-26-5	Toluene-D8	101%	100%	100%	88-111%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA33644

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA33710-2MS	Z40738.D	1	05/06/16	MM	n/a	n/a	VZ1531
FA33710-2MSD	Z40739.D	1	05/06/16	MM	n/a	n/a	VZ1531
FA33710-2 ^a	Z40728.D	1	05/06/16	MM	n/a	n/a	VZ1531

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA33644-3, FA33644-4

CAS No.	Compound	FA33710-2 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	1.0 U	20	22.2	111	20	27.4	137*	21	65-121/27

CAS No.	Surrogate Recoveries	MS	MSD	FA33710-2	Limits
17060-07-0	1,2-Dichloroethane-D4	85%	83%	99%	74-125%
2037-26-5	Toluene-D8	106%	107%	108%	88-111%

(a) Confirmation run.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA33644
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA33710-1MS	Z40792.D	1	05/10/16	MM	n/a	n/a	VZ1533
FA33710-1MSD	Z40793.D	1	05/10/16	MM	n/a	n/a	VZ1533
FA33710-1	Z40786.D	1	05/10/16	MM	n/a	n/a	VZ1533

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

FA33644-4

CAS No.	Compound	FA33710-1 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	1.0 U	20	20.8	104	20	20.7	104	0	65-121/27

CAS No.	Surrogate Recoveries	MS	MSD	FA33710-1	Limits
17060-07-0	1,2-Dichloroethane-D4	98%	98%	101%	74-125%
2037-26-5	Toluene-D8	100%	100%	101%	88-111%

* = Outside of Control Limits.

Technical Report for

Pilot Travel Centers LLC

PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

27.222188.00

SGS Accutest Job Number: FA34307

Sampling Date: 05/26/16

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: 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), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, 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.

Table of Contents

-1-

Section 1: Sample Summary 3

Section 2: Summary of Hits 4

Section 3: Sample Results 5

3.1: FA34307-1: WW EFF 1 6

3.2: FA34307-2: WW EFF 2 7

3.3: FA34307-3: SS 2 8

3.4: FA34307-4: SS 3 9

3.5: FA34307-5: LIFT STATION 10

Section 4: Misc. Forms 11

4.1: Chain of Custody 12

Section 5: GC/MS Volatiles - QC Data Summaries 15

5.1: Method Blank Summary 16

5.2: Blank Spike Summary 19

5.3: Matrix Spike/Matrix Spike Duplicate Summary 22



Sample Summary

Pilot Travel Centers LLC

Job No: FA34307

PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA
Project No: 27.222188.00

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA34307-1	05/26/16	08:50 PN	05/27/16	AQ	Water	WW EFF 1
FA34307-2	05/26/16	09:00 PN	05/27/16	AQ	Water	WW EFF 2
FA34307-3	05/26/16	09:35 PN	05/27/16	AQ	Water	SS 2
FA34307-4	05/26/16	10:00 PN	05/27/16	AQ	Water	SS 3
FA34307-5	05/26/16	10:20 PN	05/27/16	AQ	Water	LIFT STATION

Summary of Hits

Page 1 of 1

Job Number: FA34307
Account: Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA
Collected: 05/26/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA34307-1	WW EFF 1					
1,4-Dioxane		1.0	1.0	0.30	ug/l	SW846 8260B BY SIM
FA34307-2	WW EFF 2					
1,4-Dioxane		4.0	1.0	0.30	ug/l	SW846 8260B BY SIM
FA34307-3	SS 2					
1,4-Dioxane		1.6	1.0	0.30	ug/l	SW846 8260B BY SIM
FA34307-4	SS 3					
1,4-Dioxane		3.4	1.0	0.30	ug/l	SW846 8260B BY SIM
FA34307-5	LIFT STATION					
1,4-Dioxane		1.2	1.0	0.30	ug/l	SW846 8260B BY SIM

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WW EFF 1		
Lab Sample ID:	FA34307-1	Date Sampled:	05/26/16
Matrix:	AQ - Water	Date Received:	05/27/16
Method:	SW846 8260B BY SIM	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z41194.D	1	06/02/16	MM	n/a	n/a	VZ1549
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	119%		74-125%
2037-26-5	Toluene-D8	101%		88-111%

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

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

Report of Analysis

Client Sample ID:	WW EFF 2	
Lab Sample ID:	FA34307-2	Date Sampled: 05/26/16
Matrix:	AQ - Water	Date Received: 05/27/16
Method:	SW846 8260B BY SIM	Percent Solids: n/a
Project:	PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z41195.D	1	06/02/16	MM	n/a	n/a	VZ1549
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	4.0	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	120%		74-125%
2037-26-5	Toluene-D8	102%		88-111%

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

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

Report of Analysis

Client Sample ID:	SS 2						
Lab Sample ID:	FA34307-3					Date Sampled:	05/26/16
Matrix:	AQ - Water					Date Received:	05/27/16
Method:	SW846 8260B BY SIM					Percent Solids:	n/a
Project:	PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A0201090.D	1	06/02/16	TD	n/a	n/a	VA1944
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	1.6	1.0	0.30	ug/l	

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

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

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

Report of Analysis

Client Sample ID:	SS 3						
Lab Sample ID:	FA34307-4					Date Sampled:	05/26/16
Matrix:	AQ - Water					Date Received:	05/27/16
Method:	SW846 8260B BY SIM					Percent Solids:	n/a
Project:	PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A0201125.D	1	06/03/16	TD	n/a	n/a	VA1945
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	3.4	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	104%		88-111%

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

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

Report of Analysis

Client Sample ID:	LIFT STATION	
Lab Sample ID:	FA34307-5	Date Sampled: 05/26/16
Matrix:	AQ - Water	Date Received: 05/27/16
Method:	SW846 8260B BY SIM	Percent Solids: n/a
Project:	PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A0201126.D	1	06/03/16	TD	n/a	n/a	VA1945
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	1.2	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	104%		88-111%

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

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



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

F434307

PAGE: 1 of 1

SPECIAL INSTRUCTIONS OR NOTES :

Phillip Nixon

REQUESTED ANALYSIS If more than one method is listed, circle one

Container PID Readings
or Laboratory Notes

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

05/1/01 Revisior

12 of 23
ACCUTEST
FA34307

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: FA34307 CLIENT: ~~ECSS~~ ^{SP 5/27} ECS PROJECT: PT 69
 DATE/TIME RECEIVED: 5/27/16 945 {MM/DD/YY 24:00} NUMBER OF COOLERS RECEIVED: 1
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: _____
 AIRBILL NUMBERS: 8027 2570 5296

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 to .6
- ☐ OBSERVED TEMPS: 2.2
- ☐ CORRECTED TEMPS: 2.2 (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] 5/27/16

REVIEWER SIGNATURE/DATE

[Signature] 5/27/16

NF 11/15

RECEIPTLOG040416.xls

FA34307: Chain of Custody

Page 2 of 3

ORIGIN ID: NQDA (954) 914-3090
 ACCUTEST LABORATORIES
 SOUTHEAST
 4405 VINELAND RD STE C15
 ORLANDO, FL 32811-5803
 UNITED STATES US

SHIP DATE: 26MAY16
 ACTWGT: 29.60 LB
 CAD: /OFFC1704
 DIMS: 19x14x11 IN
 BILL SENDER

TO ACCUTEST
 ACCUTEST LABORATORIES
 4405 VINELAND RD STE C15
 ORLANDO FL 32811
 (407) 426-8700

FedEx
 Express


TRK# 8027 2510 5296
 0215

FRI - 27 MAY 3:00P
 STANDARD OVERNIGHT

XH TIXA
 32811
 FL-US MCO



FA34307: Chain of Custody
Page 3 of 3



GC/MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: FA34307
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1549-MB	Z41193.D	1	06/02/16	MM	n/a	n/a	VZ1549

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

FA34307-1, FA34307-2

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	117% 74-125%
2037-26-5	Toluene-D8	101% 88-111%

Method Blank Summary

Job Number: FA34307
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA1944-MB	A0201089.D	1	06/02/16	TD	n/a	n/a	VA1944

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

FA34307-3

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	109% 74-125%
2037-26-5	Toluene-D8	97% 88-111%

Method Blank Summary

Job Number: FA34307
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA1945-MB	A0201118.D	1	06/03/16	TD	n/a	n/a	VA1945

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

FA34307-4, FA34307-5

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

Blank Spike Summary

Job Number: FA34307
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1549-BS	Z41192.D	1	06/02/16	MM	n/a	n/a	VZ1549

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

FA34307-1, FA34307-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	18.9	95	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	113%	74-125%
2037-26-5	Toluene-D8	99%	88-111%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: FA34307

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA1944-BS	A0201087.D	1	06/02/16	TD	n/a	n/a	VA1944

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA34307-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	21.0	105	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	108%	74-125%
2037-26-5	Toluene-D8	97%	88-111%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: FA34307

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA1945-BS	A0201116.D	1	06/03/16	TD	n/a	n/a	VA1945

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA34307-4, FA34307-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	19.5	98	65-121

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

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA34307
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
LA20965-2MS	Z41200.D	1	06/02/16	MM	n/a	n/a	VZ1549
LA20965-2MSD	Z41201.D	1	06/02/16	MM	n/a	n/a	VZ1549
LA20965-2 ^a	Z41197.D	1	06/02/16	MM	n/a	n/a	VZ1549

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

FA34307-1, FA34307-2

CAS No.	Compound	LA20965-2 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	ND	20	21.1	106	20	21.8	109	3	65-121/27

CAS No.	Surrogate Recoveries	MS	MSD	LA20965-2	Limits
17060-07-0	1,2-Dichloroethane-D4	109%	112%	111%	74-125%
2037-26-5	Toluene-D8	99%	99%	100%	88-111%

(a) Confirmation run.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA34307

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA34352-16MS	A0201108.D	100	06/02/16	TD	n/a	n/a	VA1944
FA34352-16MSD	A0201109.D	100	06/02/16	TD	n/a	n/a	VA1944
FA34352-16	A0201096.D	100	06/02/16	TD	n/a	n/a	VA1944

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA34307-3

CAS No.	Compound	FA34352-16 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	2410	2000	4500	105	2000	4800	120	6	65-121/27

CAS No.	Surrogate Recoveries	MS	MSD	FA34352-16	Limits
17060-07-0	1,2-Dichloroethane-D4	100%	99%	107%	74-125%
2037-26-5	Toluene-D8	101%	102%	100%	88-111%

* = Outside of Control Limits.

Technical Report for

Pilot Travel Centers LLC

PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

27.222188.00

SGS Accutest Job Number: FA35238

Sampling Date: 06/30/16

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), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, UT, WA

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Test results relate only to samples analyzed.

Table of Contents

Sections:

- 1
- 2
- 3
- 4
- 5

-1-

Section 1: Sample Summary 3

Section 2: Summary of Hits 4

Section 3: Sample Results 5

3.1: FA35238-1: WW EFF 6

Section 4: Misc. Forms 7

4.1: Chain of Custody 8

Section 5: GC/MS Volatiles - QC Data Summaries 11

5.1: Method Blank Summary 12

5.2: Blank Spike Summary 13

5.3: Matrix Spike/Matrix Spike Duplicate Summary 14



Sample Summary

Pilot Travel Centers LLC

Job No: FA35238

PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA
Project No: 27.222188.00

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA35238-1	06/30/16	09:15 PN	07/06/16	AQ	Water	WW EFF

Summary of Hits

Job Number: FA35238
Account: Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA
Collected: 06/30/16

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA35238-1	WW EFF					
1,4-Dioxane		2.8	1.0	0.30	ug/l	SW846 8260B BY SIM



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WW EFF	Date Sampled:	06/30/16
Lab Sample ID:	FA35238-1	Date Received:	07/06/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260B BY SIM		
Project:	PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z41585.D	1	07/08/16	MM	n/a	n/a	VZ1565
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	2.8	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%		74-125%
2037-26-5	Toluene-D8	100%		88-111%

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

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



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

Accutest Job #: **FA35238**

Accutest Control #:

[illegible]

FA35238: Chain of Custody

Page 1 of 3

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: FA35238 CLIENT: ECS PROJECT: Pilot #69
 DATE/TIME RECEIVED: 7/6/16 900 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: _____
 AIRBILL NUMBERS: 8027 2510 4988

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 10.0
- ☐ OBSERVED TEMPS: 3.4
- ☐ CORRECTED TEMPS: 3.4 (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] 7/6/16 REVIEWER SIGNATURE/DATE [Signature] 7-6-16

NF 11/15

RECEIPTLOG040416.xls

FA35238: Chain of Custody

Page 2 of 3

00016
1
00200

FedEx® *Package*
Express *US Airbill*

FedEx
Tracking
Number

8027 2510 4988

1 From 7-5-12

Date 7-5-12

Sender's Name P. N. Phone 770-926-8813

Company PANCIAN-CMD ASSOCIATES, INC

Address 9874 MAIN ST STE 100 Dept./Floor/Suite/Rm

City WOODSTOCK State GA ZIP 30189-3977

2. Your Internal Billing Reference 27.222185, 20 104 469

3 To Recipient's Name Acute Care Laboratories SE, Inc Phone

Company 445 W. Main St. SE

Address 445 W. Main St. SE ☐ HOLD Weekday
We cannot deliver to P.O. boxes or P.O. codes. Dept./Floor/Suite/Rm ☐ FedEx location address
☐ REQUIRED. Not available for FedEx First Overnight.

Address 501 122 1A ☐ HOLD Saturday
FedEx location address ☐ FedEx location address
REQUIRED. Available ONLY for FedEx Saturday Overnight and FedEx Day's select business.

City 501 122 1A State FL ZIP 32811-2265

REF ID: A633359

0215

Recipients Copy

4 Express Package Service

Express Service not last changed. Please select carefully.

Next Business Day

☐ FedEx First Overnight
Earliest next business morning delivery to select locations. Priority shipments will be delivered on Monday unless SATURDAY Delivery is selected.

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

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

2 or 3 Business Days

☐ FedEx 2Day A.M.
Second business morning.* Saturday Delivery NOT available.

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

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

5 Packaging *Declared value limit \$50K.

☐ 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
Packages may be left without obtaining a signature for delivery.

☐ Direct Signature
Someone at recipient's address may sign for package. See options.

☐ Indirect Signature
If not in available at recipient's address, someone at neighboring address may sign for delivery. See options.

Does this shipment contain dangerous goods?
(For marking the shipping label)

☐ No ☐ Yes ☐ Yes ☐ Yes ☐ Dry Ice ☐ 1g

See page 10 for restrictions

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

☐ Cargo Aircraft Only

7 Payment Bill to:

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

☐ Sender's Account No. in Section 1 of this form ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages **Total Weight** **Crat. Code Auth.**

15 lbs.

Your liability is limited to USD\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

611

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GC/MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: FA35238
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1565-MB	Z41571.D	1	07/08/16	MM	n/a	n/a	VZ1565

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

FA35238-1

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

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

Blank Spike Summary

Job Number: FA35238
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1565-BS	Z41570.D	1	07/08/16	MM	n/a	n/a	VZ1565

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

FA35238-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	21.8	109	65-121

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

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA35238
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069;2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA35263-2MS	Z41586.D	1	07/08/16	MM	n/a	n/a	VZ1565
FA35263-2MSD	Z41587.D	1	07/09/16	MM	n/a	n/a	VZ1565
FA35263-2	Z41574.D	1	07/08/16	MM	n/a	n/a	VZ1565

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

FA35238-1

CAS No.	Compound	FA35263-2 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	1.0 U	20	21.9	110	20	19.9	100	10	65-121/27

CAS No.	Surrogate Recoveries	MS	MSD	FA35263-2	Limits
17060-07-0	1,2-Dichloroethane-D4	106%	106%	104%	74-125%
2037-26-5	Toluene-D8	99%	99%	99%	88-111%

* = Outside of Control Limits.

Technical Report for

Pilot Travel Centers LLC

PSGAWO: Pilot 069; 2990 Whitesville Rd, LaGrange, GA

27.222188.00

SGS Accutest Job Number: FA35817

Sampling Date: 07/28/16

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), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, UT, WA

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Test results relate only to samples analyzed.

Table of Contents

Sections:

1

2

3

4

5

-1-

Section 1: Sample Summary	3
Section 2: Summary of Hits	4
Section 3: Sample Results	5
3.1: FA35817-1: WW EFF	6
Section 4: Misc. Forms	7
4.1: Chain of Custody	8
Section 5: GC/MS Volatiles - QC Data Summaries	11
5.1: Method Blank Summary	12
5.2: Blank Spike Summary	13
5.3: Matrix Spike/Matrix Spike Duplicate Summary	14



Sample Summary

Pilot Travel Centers LLC

Job No: FA35817

PSGAWO: Pilot 069; 2990 Whitesville Rd, LaGrange, GA
Project No: 27.222188.00

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA35817-1	07/28/16	07:30 PN	08/02/16	AQ	Water	WW EFF

Summary of Hits

Job Number: FA35817
Account: Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; 2990 Whitesville Rd, LaGrange, GA
Collected: 07/28/16

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA35817-1	WW EFF					
1,4-Dioxane		2.2	1.0	0.30	ug/l	SW846 8260B BY SIM



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WW EFF	Date Sampled:	07/28/16
Lab Sample ID:	FA35817-1	Date Received:	08/02/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260B BY SIM		
Project:	PSGAWO: Pilot 069; 2990 Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z41799.D	1	08/05/16	MM	n/a	n/a	VZ1576
Run #2 ^a	Z41806.D	1	08/05/16	MM	n/a	n/a	VZ1576

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

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	2.2	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	108%	107%	74-125%
2037-26-5	Toluene-D8	112% ^b	112% ^b	88-111%

(a) Confirmation run for surrogate recoveries.

(b) Outside control limits. Confirmed by 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



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

Accutest Job #:	FA35817
Accutest Control #:	

[illegible]

FA35817: Chain of Custody

Page 1 of 3

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: FA35817 CLIENT: ECS PROJECT: Pilot #69
 DATE/TIME RECEIVED: 8/2/16 930 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: _____
 AIRBILL NUMBERS: 8029 2510 5002

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 10.0
☐ OBSERVED TEMPS: 3.6
☐ CORRECTED TEMPS: 3.6 (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] 8/2/16

REVIEWER SIGNATURE/DATE

168-2-16

NF 11/15

RECEIPTLOG040416.xls

FA35817: Chain of Custody

Page 2 of 3

00018

00200

FedEx Package
Express **US Airbill**FedEx
Tracking
Number

8027 2510 5002

0215

Express Package

1 From

Date

Sender's
Name

Phone

Company

Address

Dest./Floor/Suite/Room

City

State

ZIP

2 Your Internal Billing Reference

3 To

Recipient's
Name

Phone

Company

Address

Dest./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City

State

ZIP



8027 2510 5002

4 Express Package Service

To meet location.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs.

For packages over 150 lbs., use the
FedEx Express Freight US Airbill.

Next Business Day

2 or 3 Business Days

☐ FedEx First OvernightEarliest next business morning delivery to select
locations. Friday shipments will be delivered on
Monday unless SATURDAY Delivery is selected.☐ FedEx Priority OvernightNext business morning delivery to select
locations. Friday shipments will be delivered on
Monday unless SATURDAY Delivery is selected.☒ FedEx Standard OvernightNext business afternoon delivery to select
locations. Saturday Delivery NOT available.☐ FedEx 2Day A.M.Second business morning delivery to select
locations. Saturday Delivery NOT available.☐ FedEx 2DaySecond business afternoon delivery to select
locations. Thursday shipments will be delivered on
Monday unless SATURDAY Delivery is selected.☐ FedEx Express SaverThird business day delivery to select
locations. 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 RequiredPackage may be left without
obtaining a signature for delivery.☐ Direct SignatureSomeone at recipient's address
may sign for delivery. Fee applies.☐ Indirect SignatureIf not one is available at recipient's
address, someone at a neighboring
address may sign for delivery. Fee applies.
For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

☒ No ☐ YesIf "Yes" per attached
Shipper's Declaration.☐ YesShipper's Declaration
not required.☐ Dry Ice

Dry Ice, 8, UN 1845

kg

☐ Cargo Aircraft Only

7 Payment Bill to:

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

☐ SenderAcct. No. Section
will be billed.☒ Recipient☐ Third Party☐ Credit Card☐ Cash/Check

Total Packages

Total Weight

Weight Cert Auth.

*Your liability is limited to US\$100 unless you declare a higher value. See the current FedEx SERVICE Guide for details.

611

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fedex.com 1.800.GoFedEx 1.800.463.3339

FA35817: Chain of Custody

Page 3 of 3

SGS

10 of 14
ACCUTEST
FA35817



GC/MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: FA35817
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; 2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1576-MB	Z41795.D	1	08/05/16	MM	n/a	n/a	VZ1576

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

FA35817-1

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	108% 74-125%
2037-26-5	Toluene-D8	110% 88-111%

Blank Spike Summary

Job Number: FA35817
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; 2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VZ1576-BS	Z41794.D	1	08/05/16	MM	n/a	n/a	VZ1576

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

FA35817-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	19.7	99	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	108%	74-125%
2037-26-5	Toluene-D8	110%	88-111%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA35817
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; 2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA35866-1MS	Z41807.D	1	08/05/16	MM	n/a	n/a	VZ1576
FA35866-1MSD	Z41808.D	1	08/05/16	MM	n/a	n/a	VZ1576
FA35866-1	Z41800.D	1	08/05/16	MM	n/a	n/a	VZ1576

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

FA35817-1

CAS No.	Compound	FA35866-1 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	ND	20	19.8	99	20	19.3	97	3	65-121/27

CAS No.	Surrogate Recoveries	MS	MSD	FA35866-1	Limits
17060-07-0	1,2-Dichloroethane-D4	106%	106%	108%	74-125%
2037-26-5	Toluene-D8	111%	111%	111%	88-111%

* = Outside of Control Limits.

Technical Report for

Pilot Travel Centers LLC

PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA

27.222188.00

SGS Accutest Job Number: FA36564

Sampling Date: 08/26/16

Report to:

Environmental Compliance Services, Inc

ristevens@ecsconsult.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), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, 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.

Table of Contents

-1-

Section 1: Sample Summary 3

Section 2: Summary of Hits 4

Section 3: Sample Results 5

3.1: FA36564-1: WW EFF 6

Section 4: Misc. Forms 7

4.1: Chain of Custody 8

Section 5: GC/MS Volatiles - QC Data Summaries 11

5.1: Method Blank Summary 12

5.2: Blank Spike Summary 13

5.3: Matrix Spike/Matrix Spike Duplicate Summary 14



Sample Summary

Pilot Travel Centers LLC

Job No: FA36564

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA36564-1	08/26/16	09:35 PN	08/31/16	AQ	Water	WW EFF

Summary of Hits

Job Number: FA36564
Account: Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA
Collected: 08/26/16

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA36564-1	WW EFF					
1,4-Dioxane		1.5	1.0	0.30	ug/l	SW846 8260B BY SIM



Sample Results

Report of Analysis

Report of Analysis

Page 1 of 1

Client Sample ID:	WW EFF	Date Sampled:	08/26/16
Lab Sample ID:	FA36564-1	Date Received:	08/31/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260B BY SIM		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z42073.D	1	09/02/16	MM	n/a	n/a	VZ1587
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	1.5	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	100%		88-111%

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

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



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

Accutest Job #:

#: **FA36564**

Accutest Control #:

[illegible]

FA36564: Chain of Custody

Page 1 of 3

SGS ACCUTEST - ORLANDO SAMPLE RECEIPT CONFIRMATION

SGS ACCUTEST'S JOB NUMBER: FA36564 CLIENT: ECS PROJECT: Pilot #69
 DATE/TIME RECEIVED: 8/31/16 1000 {MM/DD/YY 24:00} NUMBER OF COOLERS RECEIVED: 1
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: _____
 AIRBILL NUMBERS: 8027 2510 5090

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: 4.4
☐ CORRECTED TEMPS: 4.0 (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] 8/31/16 REVIEWER SIGNATURE/DATE KD 8/31/16

NF 02/16

receipt confirmation 020116.xls

FA36564: Chain of Custody

Page 2 of 3

00027
00200

FedEx Package
Express **US Airbill**

8027 2510 5090

1 From
Date 8-29-10
Sender's Name P.N.
Phone 636-379-1864

Company PANGEAN-CHD ASSOCIATED, INC.

Address 9874 MAIN ST STE 100
City WOODSTOCK State GA ZIP 30188-3777

2 Your Internal Billing Reference 27-222/89,00 00 1

3 To
Recipient's Name
Company Account Laboratories, Inc.

Address 4405 Vinland PI STE C15
City Orlando State FL ZIP 32811-2505

Address Use this line for the HOLD location address or for continuation of your shipping address.
City Orlando State FL ZIP 32811-2505



8027 2510 5090

0215 **Recipients Copy**

4 Express Package Service *To most locations.
NOTE: Service order has changed. Please select carefully.

Next Business Day

☐ FedEx First Overnight
Earliest next business morning delivery to select locations. Please ensure package is delivered on Monday unless SATURDAY Delivery is selected.

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

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

2 or 3 Business Days

☐ FedEx 2Day A.M.
Second business morning. Saturday Delivery NOT available.

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

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

5 Packaging *Standard unless noted below.

☐ 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
Factual (not for left without obtaining a signature for delivery).

☐ Direct Signature
Someone at recipient's address must sign for delivery. Fee applies.

☐ Indirect Signature
If not one to be available at recipient's address, someone at a neighboring address may sign for delivery for residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

☒ No ☐ Yes
One box must be checked. If yes, attach Shipper's Declaration.

☐ Dry Ice
Dry Ice, 9 UN 1845

☐ Cargo Aircraft Only

7 Payment \$/lb. ex:

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

☐ Sender ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages 1 Total Weight 10 lbs.

Your liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

Print Date 01/10 • Part #0215 • ©1994-2012 FedEx • PRINTED IN U.S.A. 010

FA36564: Chain of Custody

Page 3 of 3

SGS

10 of 14
ACCUTEST
FA36564



GC/MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: FA36564
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
VZ1587-MB	Z42066.D	1	09/02/16	MM	n/a	n/a	VZ1587

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

FA36564-1

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

Blank Spike Summary

Job Number: FA36564
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
VZ1587-BS	Z42065.D	1	09/02/16	MM	n/a	n/a	VZ1587

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

FA36564-1

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	101%	88-111%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA36564
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
FA36452-11MS	Z42074.D	1	09/02/16	MM	n/a	n/a	VZ1587
FA36452-11MSD	Z42075.D	1	09/02/16	MM	n/a	n/a	VZ1587
FA36452-11	Z42068.D	1	09/02/16	MM	n/a	n/a	VZ1587

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA36564-1

CAS No.	Compound	FA36452-11 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	1.0 U	20	20.4	102	20	21.0	105	3	65-121/27

CAS No.	Surrogate Recoveries	MS	MSD	FA36452-11	Limits
17060-07-0	1,2-Dichloroethane-D4	101%	102%	100%	74-125%
2037-26-5	Toluene-D8	100%	100%	100%	88-111%

* = Outside of Control Limits.

Technical Report for

Pilot Travel Centers LLC

PSGAWO: Pilot 069; 2990 Whitesville Rd, LaGrange, GA

27.222188.00

SGS Accutest Job Number: FA37318

Sampling Date: 09/26/16



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), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, UT, WA

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Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary 3

Section 2: Summary of Hits 4

Section 3: Sample Results 5

3.1: FA37318-1: WW EFF 6

Section 4: Misc. Forms 7

4.1: Chain of Custody 8

Section 5: GC/MS Volatiles - QC Data Summaries 11

5.1: Method Blank Summary 12

5.2: Blank Spike Summary 13

5.3: Matrix Spike Summary 14



Sample Summary

Pilot Travel Centers LLC

Job No: FA37318

PSGAWO: Pilot 069; 2990 Whitesville Rd, LaGrange, GA
Project No: 27.222188.00

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA37318-1	09/26/16	14:35 PW	09/27/16	AQ	Water	WW EFF

Summary of Hits

Job Number: FA37318
Account: Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; 2990 Whitesville Rd, LaGrange, GA
Collected: 09/26/16

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA37318-1	WW EFF					
1,4-Dioxane		1.7	1.0	0.30	ug/l	SW846 8260B BY SIM

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WW EFF						
Lab Sample ID:	FA37318-1					Date Sampled:	09/26/16
Matrix:	AQ - Water					Date Received:	09/27/16
Method:	SW846 8260B BY SIM					Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; 2990 Whitesville Rd, LaGrange, GA						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A0203207.D	1	10/05/16	TD	n/a	n/a	VA2019
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	1.7	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	100%		88-111%

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

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



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

FA 37 318

[illegible]

3.2

FA37318: Chain of Custody

Page 1 of 3

SGS ACCUTEST - ORLANDO SAMPLE RECEIPT CONFIRMATION

SGS ACCUTEST'S JOB NUMBER: FA37318 CLIENT: ECS PROJECT: P1601 #69
 DATE/TIME RECEIVED: 9-29-16 13:00 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: _____
 AIRBILL NUMBERS: 8027 2510 5105

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: 3.6
 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# _____

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE J 9-29-16 REVIEWER SIGNATURE/DATE KD 9-29-16

NF 02/16

receipt confirmation 020116.xls

FA37318: Chain of Custody

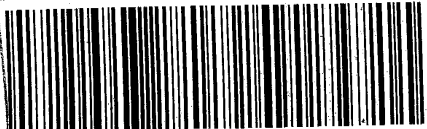
Page 2 of 3

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8027 2510 5105

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TUE - 27 SEP AA
STANDARD OVERNIGHT

32811
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MCO

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6102360 26SEP16 NCQA 639C1/A053/37E4

FA37318: Chain of Custody
Page 3 of 3



GC/MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: FA37318
Account: PILOTSS Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; 2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA2019-MB	A0203189.D	1	10/04/16	TD	n/a	n/a	VA2019

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

FA37318-1

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

Page 1 of 1

Job Number: FA37318

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA2019-BS ^a	A0203188.D	1	10/04/16	TD	n/a	n/a	VA2019

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA37318-1

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

(a) No MSD available for this run.

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 1

Job Number: FA37318

Account: PILOTSS Pilot Travel Centers LLC

Project: PSGAWO: Pilot 069; 2990 Whitesville Rd, LaGrange, GA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA37318-1MS	A0203208.D	1	10/05/16	TD	n/a	n/a	VA2019
FA37318-1	A0203207.D	1	10/05/16	TD	n/a	n/a	VA2019

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA37318-1

CAS No.	Compound	FA37318-1 ug/l	Spike Q	ug/l	MS ug/l	MS %	Limits
123-91-1	1,4-Dioxane	1.7	20	27.7	130*		65-121

CAS No.	Surrogate Recoveries	MS	FA37318-1	Limits
17060-07-0	1,2-Dichloroethane-D4	100%	101%	74-125%
2037-26-5	Toluene-D8	100%	100%	88-111%

* = Outside of Control Limits.

Technical Report for

Pilot Travel Centers LLC

PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA

27.222188.00

SGS Accutest Job Number: FA38269

Sampling Date: 10/28/16



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.

Table of Contents

Sections:

1
2
3
4
5

-1-

Section 1: Sample Summary	3
Section 2: Summary of Hits	4
Section 3: Sample Results	5
3.1: FA38269-1: WW EFF	6
Section 4: Misc. Forms	7
4.1: Chain of Custody	8
Section 5: GC/MS Volatiles - QC Data Summaries	11
5.1: Method Blank Summary	12
5.2: Blank Spike Summary	13
5.3: Matrix Spike/Matrix Spike Duplicate Summary	14



Sample Summary

Pilot Travel Centers LLC

Job No: FA38269

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA38269-1	10/28/16	09:30 PN	10/29/16	AQ	Water	WW EFF

Summary of Hits

Job Number: FA38269
Account: Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA
Collected: 10/28/16

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA38269-1	WW EFF					
1,4-Dioxane		0.78 J	1.0	0.30	ug/l	SW846 8260B BY SIM

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WW EFF	Date Sampled:	10/28/16
Lab Sample ID:	FA38269-1	Date Received:	10/29/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260B BY SIM		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z43041.D	1	11/02/16	MM	n/a	n/a	VZ1619
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	0.78	1.0	0.30	ug/l	J

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

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

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



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



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

Accutest Job #:

Accutest Control #:

FA38269

[illegible]

Page 1 of 3

SGS ACCUTEST - ORLANDO SAMPLE RECEIPT CONFIRMATION

SGS ACCUTEST'S JOB NUMBER: FA38269 CLIENT: ECS PROJECT: Pilot #69
 DATE/TIME RECEIVED: 10-29-16 09:30 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: _____
 AIRBILL NUMBERS: 8027 2510 5171

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: 3.8
- ☐ CORRECTED TEMPS: 3.4 (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 JE 10-31-16 REVIEWER SIGNATURE/DATE [Signature] 10/31/16

NF 02/16

receipt confirmation 020116.xls

FA38269: Chain of Custody

Page 2 of 3

00035

00200

FedEx Package
Express US AirbillFedEx
Tracking
Number

8027 2510 5171

Recipient's Copy

1 From
DateSender's
Name

Phone

434 379-1844

Company

Address

Dept./Floor/Suite/Room

City

State

ZIP

2 Your Internal Billing Reference

3 To

Recipient's
Name

Phone

Company

Address

Dept./Floor/Suite/Room

Address

City

State

ZIP

Address

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4 Express Package Service

NOTE: Service order has changed. Please select carefully.

Next Business Day

☐ FedEx First Overnight☐ FedEx Priority Overnight☐ FedEx Standard Overnight

7 or 2 Business Day

☐ FedEx 2Day A.M.☐ FedEx 2Day☐ FedEx Express Saver

5 Packaging

☐ FedEx Envelope*☐ FedEx Pak*☐ FedEx Box☐ FedEx Tube☒ Other

* Declared value limit \$500.

6 Special Handling and Delivery Signature Options

☒ SATURDAY Delivery☐ No Signature Required☐ Direct Signature☐ Indirect Signature☐ Does this shipment contain dangerous goods?☐ No☐ Yes☐ Dry Ice☐ Cargo Aircraft Only☐ Payment Bill to:☐ Sender☒ Recipient☐ Third Party☐ Credit Card☐ Cash/Check

Total Packages

Total Weight

Your fee is limited to US\$100 unless you declare a higher value. See our website for details.

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FA38269: Chain of Custody

Page 3 of 3

SGS

10 of 14
ACCUTEST
FA38269



GC/MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: FA38269
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
VZ1619-MB	Z43021.D	1	11/02/16	MM	n/a	n/a	VZ1619

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

FA38269-1

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	100% 74-125%
2037-26-5	Toluene-D8	106% 88-111%

Blank Spike Summary

Job Number: FA38269
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
VZ1619-BS	Z43020.D	1	11/02/16	MM	n/a	n/a	VZ1619

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

FA38269-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	21.5	108	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	100%	74-125%
2037-26-5	Toluene-D8	106%	88-111%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA38269

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
FA38130-37MS	Z43042.D	1	11/02/16	MM	n/a	n/a	VZ1619
FA38130-37MSD	Z43043.D	1	11/02/16	MM	n/a	n/a	VZ1619
FA38130-37	Z43035.D	1	11/02/16	MM	n/a	n/a	VZ1619

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA38269-1

CAS No.	Compound	FA38130-37 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	1.3	20	23.8	113	20	21.3	100	11	65-121/27

CAS No.	Surrogate Recoveries	MS	MSD	FA38130-37	Limits
17060-07-0	1,2-Dichloroethane-D4	100%	101%	101%	74-125%
2037-26-5	Toluene-D8	106%	107%	106%	88-111%

* = Outside of Control Limits.

Technical Report for

Pilot Travel Centers LLC

PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA

27.222188.00

SGS Accutest Job Number: FA37767

Sampling Dates: 10/11/16 - 10/13/16

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: 172



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), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, UT, WA

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Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary	4
Section 2: Summary of Hits	8
Section 3: Sample Results	15
3.1: FA37767-1: MW-1	16
3.2: FA37767-1F: MW-1	19
3.3: FA37767-2: MW-2	20
3.4: FA37767-2F: MW-2	23
3.5: FA37767-3: MW-3	24
3.6: FA37767-3F: MW-3	27
3.7: FA37767-4: MW-4	28
3.8: FA37767-4F: MW-4	31
3.9: FA37767-5: MW-5	32
3.10: FA37767-5F: MW-5	35
3.11: FA37767-6: MW-6	36
3.12: FA37767-6F: MW-6	39
3.13: FA37767-7: MW-7	40
3.14: FA37767-7F: MW-7	43
3.15: FA37767-8: MW-8	44
3.16: FA37767-8F: MW-8	47
3.17: FA37767-9: MW-9	48
3.18: FA37767-9F: MW-9	51
3.19: FA37767-10: MW-10	52
3.20: FA37767-10F: MW-10	55
3.21: FA37767-11: MW-11	56
3.22: FA37767-11F: MW-11	59
3.23: FA37767-12: MW-12	60
3.24: FA37767-12F: MW-12	63
3.25: FA37767-13: MW-13	64
3.26: FA37767-13F: MW-13	67
3.27: FA37767-14: MW-14	68
3.28: FA37767-14F: MW-14	71
3.29: FA37767-15: MW-15	72
3.30: FA37767-15F: MW-15	75
3.31: FA37767-16: MW-16	76
3.32: FA37767-16F: MW-16	79
3.33: FA37767-17: MW-17	80
3.34: FA37767-17F: MW-17	83
3.35: FA37767-18: PZ-1	84
3.36: FA37767-18F: PZ-1	87
3.37: FA37767-19: PZ-2	88
3.38: FA37767-19F: PZ-2	91
3.39: FA37767-20: PZ-3	92

Table of Contents

-2-

3.40: FA37767-20F: PZ-3	95
3.41: FA37767-21: SW-1	96
3.42: FA37767-21F: SW-1	99
3.43: FA37767-22: SW-2	100
3.44: FA37767-22F: SW-2	103
3.45: FA37767-23: SW-3	104
3.46: FA37767-23F: SW-3	107
3.47: FA37767-24: SW-4	108
3.48: FA37767-24F: SW-4	111
3.49: FA37767-25: SW-5	112
3.50: FA37767-25F: SW-5	115
Section 4: Misc. Forms	116
4.1: Chain of Custody	117
Section 5: GC/MS Volatiles - QC Data Summaries	123
5.1: Method Blank Summary	124
5.2: Blank Spike Summary	130
5.3: Matrix Spike/Matrix Spike Duplicate Summary	136
Section 6: GC/MS Semi-volatiles - QC Data Summaries	141
6.1: Method Blank Summary	142
6.2: Blank Spike Summary	144
6.3: Matrix Spike/Matrix Spike Duplicate Summary	146
Section 7: Metals Analysis - QC Data Summaries	148
7.1: Prep QC MP31014: Ba,Co,Pb	149
7.2: Prep QC MP31015: Ba,Co,Pb	155
7.3: Prep QC MP31016: Ba,Co,Pb	161
7.4: Prep QC MP31019: Ba,Co,Pb	167

Sample Summary

Pilot Travel Centers LLC

Job No: FA37767

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

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
FA37767-1	10/11/16	14:00 RW	10/14/16	AQ	Ground Water	MW-1
FA37767-1F	10/11/16	14:00 RW	10/14/16	AQ	Groundwater Filtered	MW-1
FA37767-2	10/11/16	11:30 RW	10/14/16	AQ	Ground Water	MW-2
FA37767-2F	10/11/16	11:30 RW	10/14/16	AQ	Groundwater Filtered	MW-2
FA37767-3	10/11/16	12:25 RW	10/14/16	AQ	Ground Water	MW-3
FA37767-3F	10/11/16	12:25 RW	10/14/16	AQ	Groundwater Filtered	MW-3
FA37767-4	10/11/16	08:00 RW	10/14/16	AQ	Ground Water	MW-4
FA37767-4F	10/11/16	08:00 RW	10/14/16	AQ	Groundwater Filtered	MW-4
FA37767-5	10/11/16	09:00 RW	10/14/16	AQ	Ground Water	MW-5
FA37767-5F	10/11/16	09:00 RW	10/14/16	AQ	Groundwater Filtered	MW-5
FA37767-6	10/11/16	10:30 RW	10/14/16	AQ	Ground Water	MW-6
FA37767-6F	10/11/16	10:30 RW	10/14/16	AQ	Groundwater Filtered	MW-6
FA37767-7	10/12/16	12:45 RW	10/14/16	AQ	Ground Water	MW-7

Sample Summary

(continued)

Pilot Travel Centers LLC

Job No: FA37767

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

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
FA37767-7F	10/12/16	12:45 RW	10/14/16	AQ	Groundwater Filtered	MW-7
FA37767-8	10/13/16	08:45 RW	10/14/16	AQ	Ground Water	MW-8
FA37767-8F	10/13/16	08:45 RW	10/14/16	AQ	Groundwater Filtered	MW-8
FA37767-9	10/13/16	09:45 RW	10/14/16	AQ	Ground Water	MW-9
FA37767-9F	10/13/16	09:45 RW	10/14/16	AQ	Groundwater Filtered	MW-9
FA37767-10	10/13/16	09:04 RW	10/14/16	AQ	Ground Water	MW-10
FA37767-10F	10/13/16	09:04 RW	10/14/16	AQ	Groundwater Filtered	MW-10
FA37767-11	10/12/16	08:00 RW	10/14/16	AQ	Ground Water	MW-11
FA37767-11F	10/12/16	08:00 RW	10/14/16	AQ	Groundwater Filtered	MW-11
FA37767-12	10/11/16	15:00 RW	10/14/16	AQ	Ground Water	MW-12
FA37767-12F	10/11/16	15:00 RW	10/14/16	AQ	Groundwater Filtered	MW-12
FA37767-13	10/12/16	10:15 RW	10/14/16	AQ	Ground Water	MW-13
FA37767-13F	10/12/16	10:15 RW	10/14/16	AQ	Groundwater Filtered	MW-13

Sample Summary

(continued)

Pilot Travel Centers LLC

Job No: FA37767

PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA

Project No: 27.222188.00

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
FA37767-14	10/12/16	18:00 RW	10/14/16	AQ	Ground Water	MW-14
FA37767-14F	10/12/16	18:00 RW	10/14/16	AQ	Groundwater Filtered	MW-14
FA37767-15	10/13/16	11:00 RW	10/14/16	AQ	Ground Water	MW-15
FA37767-15F	10/13/16	11:00 RW	10/14/16	AQ	Groundwater Filtered	MW-15
FA37767-16	10/12/16	12:00 RW	10/14/16	AQ	Ground Water	MW-16
FA37767-16F	10/12/16	12:00 RW	10/14/16	AQ	Groundwater Filtered	MW-16
FA37767-17	10/11/16	09:45 RW	10/14/16	AQ	Ground Water	MW-17
FA37767-17F	10/11/16	09:45 RW	10/14/16	AQ	Groundwater Filtered	MW-17
FA37767-18	10/12/16	16:45 RW	10/14/16	AQ	Ground Water	PZ-1
FA37767-18F	10/12/16	16:45 RW	10/14/16	AQ	Groundwater Filtered	PZ-1
FA37767-19	10/12/16	15:30 RW	10/14/16	AQ	Ground Water	PZ-2
FA37767-19F	10/12/16	15:30 RW	10/14/16	AQ	Groundwater Filtered	PZ-2
FA37767-20	10/12/16	14:00 RW	10/14/16	AQ	Ground Water	PZ-3



Sample Summary
(continued)

Pilot Travel Centers LLC

Job No: FA37767

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

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
FA37767-20F	10/12/16	14:00 RW	10/14/16	AQ	Groundwater Filtered	PZ-3
FA37767-21	10/13/16	11:30 RW	10/14/16	AQ	Surface Water	SW-1
FA37767-21F	10/13/16	11:30 RW	10/14/16	AQ	Surface H2O Filtered	SW-1
FA37767-22	10/13/16	11:40 RW	10/14/16	AQ	Surface Water	SW-2
FA37767-22F	10/13/16	11:40 RW	10/14/16	AQ	Surface H2O Filtered	SW-2
FA37767-23	10/13/16	12:00 RW	10/14/16	AQ	Surface Water	SW-3
FA37767-23F	10/13/16	12:00 RW	10/14/16	AQ	Surface H2O Filtered	SW-3
FA37767-24	10/13/16	12:30 RW	10/14/16	AQ	Surface H2O Filtered	SW-4
FA37767-24F	10/13/16	12:30 RW	10/14/16	AQ	Surface Water	SW-4
FA37767-25	10/13/16	13:00 RW	10/14/16	AQ	Surface H2O Filtered	SW-5
FA37767-25F	10/13/16	13:00 RW	10/14/16	AQ	Surface Water	SW-5

Summary of Hits

Page 1 of 7

Job Number: FA37767
Account: Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA
Collected: 10/11/16 thru 10/13/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA37767-1 MW-1						
Chloroform		1.8	1.0	0.30	ug/l	SW846 8260B
Barium		35.5 J	200	1.0	ug/l	SW846 6010C
Cobalt		1.2 J	50	0.20	ug/l	SW846 6010C
FA37767-1F MW-1						
Cobalt		0.70 J	50	0.20	ug/l	SW846 6010C
FA37767-2 MW-2						
Bromodichloromethane		0.52 J	1.0	0.24	ug/l	SW846 8260B
Chloroform		2.4	1.0	0.30	ug/l	SW846 8260B
Barium		60.1 J	200	1.0	ug/l	SW846 6010C
Cobalt		1.8 J	50	0.20	ug/l	SW846 6010C
Lead		2.0 J	5.0	1.1	ug/l	SW846 6010C
FA37767-2F MW-2						
Cobalt		1.5 J	50	0.20	ug/l	SW846 6010C
FA37767-3 MW-3						
Bromodichloromethane		0.83 J	1.0	0.24	ug/l	SW846 8260B
Chloroform		5.2	1.0	0.30	ug/l	SW846 8260B
Barium		50.4 J	200	1.0	ug/l	SW846 6010C
Cobalt		1.0 J	50	0.20	ug/l	SW846 6010C
Lead		4.6 J	5.0	1.1	ug/l	SW846 6010C
FA37767-3F MW-3						
Cobalt		0.80 J	50	0.20	ug/l	SW846 6010C
FA37767-4 MW-4						
Bromodichloromethane		0.34 J	1.0	0.24	ug/l	SW846 8260B
Chloroform		1.7	1.0	0.30	ug/l	SW846 8260B
1,4-Dioxane		5640	4000	1900	ug/l	SW846 8260B
Methyl Tert Butyl Ether		0.35 J	1.0	0.20	ug/l	SW846 8260B
Barium		324	200	1.0	ug/l	SW846 6010C
Cobalt		2540	50	0.20	ug/l	SW846 6010C
Lead		29.2	5.0	1.1	ug/l	SW846 6010C

Summary of Hits

Job Number: FA37767
Account: Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA
Collected: 10/11/16 thru 10/13/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA37767-4F	MW-4					
Cobalt		487	50	0.20	ug/l	SW846 6010C
FA37767-5	MW-5					
Bromodichloromethane		0.29 J	1.0	0.24	ug/l	SW846 8260B
Chloroform		1.8	1.0	0.30	ug/l	SW846 8260B
Barium		38.7 J	200	1.0	ug/l	SW846 6010C
Cobalt		1.7 J	50	0.20	ug/l	SW846 6010C
FA37767-5F	MW-5					
Cobalt		1.8 J	50	0.20	ug/l	SW846 6010C
FA37767-6	MW-6					
Bromodichloromethane		0.44 J	1.0	0.24	ug/l	SW846 8260B
Chloroform		2.0	1.0	0.30	ug/l	SW846 8260B
Barium		49.7 J	200	1.0	ug/l	SW846 6010C
Cobalt		1.0 J	50	0.20	ug/l	SW846 6010C
Lead		3.3 J	5.0	1.1	ug/l	SW846 6010C
FA37767-6F	MW-6					
Cobalt		3.5 J	50	0.20	ug/l	SW846 6010C
FA37767-7	MW-7					
1,4-Dioxane		36100	10000	4600	ug/l	SW846 8260B
Barium		47.6 J	200	1.0	ug/l	SW846 6010C
Cobalt		4.9 J	50	0.20	ug/l	SW846 6010C
FA37767-7F	MW-7					
Cobalt		4.7 J	50	0.20	ug/l	SW846 6010C
FA37767-8	MW-8					
Bromodichloromethane		0.32 J	1.0	0.24	ug/l	SW846 8260B
Chloroform		1.9	1.0	0.30	ug/l	SW846 8260B
Barium		770	200	1.0	ug/l	SW846 6010C
Cobalt		71.6	50	0.20	ug/l	SW846 6010C
Lead		45.0	5.0	1.1	ug/l	SW846 6010C

Summary of Hits

Job Number: FA37767
Account: Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA
Collected: 10/11/16 thru 10/13/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA37767-8F	MW-8					
Cobalt		11.5 J	50	0.20	ug/l	SW846 6010C
FA37767-9	MW-9					
1,4-Dioxane		18200	10000	4600	ug/l	SW846 8260B
Barium		190 J	200	1.0	ug/l	SW846 6010C
Cobalt		13.6 J	50	0.20	ug/l	SW846 6010C
FA37767-9F	MW-9					
Cobalt		11.4 J	50	0.20	ug/l	SW846 6010C
FA37767-10	MW-10					
Chloroform		3.5 J	10	3.0	ug/l	SW846 8260B
1,4-Dioxane		9840	2000	930	ug/l	SW846 8260B
Barium		279	200	1.0	ug/l	SW846 6010C
Cobalt		20.4 J	50	0.20	ug/l	SW846 6010C
FA37767-10F	MW-10					
Cobalt		15.5 J	50	0.20	ug/l	SW846 6010C
FA37767-11	MW-11					
Bromodichloromethane		0.47 J	1.0	0.24	ug/l	SW846 8260B
Chloroform		2.5	1.0	0.30	ug/l	SW846 8260B
Barium		57.3 J	200	1.0	ug/l	SW846 6010C
Cobalt		1.2 J	50	0.20	ug/l	SW846 6010C
Lead		6.5	5.0	1.1	ug/l	SW846 6010C
FA37767-11F	MW-11					
Cobalt		1.1 J	50	0.20	ug/l	SW846 6010C
FA37767-12	MW-12					
Chloroform		2.1	1.0	0.30	ug/l	SW846 8260B
Barium		48.9 J	200	1.0	ug/l	SW846 6010C
Cobalt		0.60 J	50	0.20	ug/l	SW846 6010C
Lead		1.9 J	5.0	1.1	ug/l	SW846 6010C

Summary of Hits

Job Number: FA37767
Account: Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA
Collected: 10/11/16 thru 10/13/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA37767-12F MW-12						
Cobalt		0.80 J	50	0.20	ug/l	SW846 6010C
FA37767-13 MW-13						
Chloroform		1.1	1.0	0.30	ug/l	SW846 8260B
1,4-Dioxane		3370 J	4000	1900	ug/l	SW846 8260B
Barium		45.1 J	200	1.0	ug/l	SW846 6010C
Cobalt		3.2 J	50	0.20	ug/l	SW846 6010C
FA37767-13F MW-13						
Cobalt		1.8 J	50	0.20	ug/l	SW846 6010C
FA37767-14 MW-14						
Bromodichloromethane		0.75 J	1.0	0.24	ug/l	SW846 8260B
tert-Butylbenzene		0.41 J	1.0	0.40	ug/l	SW846 8260B
Chloroform		4.2	1.0	0.30	ug/l	SW846 8260B
1,4-Dioxane		3320 J	4000	1900	ug/l	SW846 8260B
Barium		40.2 J	200	1.0	ug/l	SW846 6010C
Cobalt		3.6 J	50	0.20	ug/l	SW846 6010C
FA37767-14F MW-14						
Cobalt		3.8 J	50	0.20	ug/l	SW846 6010C
FA37767-15 MW-15						
Bromodichloromethane		0.27 J	1.0	0.24	ug/l	SW846 8260B
Chloroform		1.8	1.0	0.30	ug/l	SW846 8260B
1,4-Dioxane		383	200	93	ug/l	SW846 8260B
Barium		50.0 J	200	1.0	ug/l	SW846 6010C
Cobalt		1.8 J	50	0.20	ug/l	SW846 6010C
Lead		3.5 J	5.0	1.1	ug/l	SW846 6010C
FA37767-15F MW-15						
Cobalt		1.9 J	50	0.20	ug/l	SW846 6010C
FA37767-16 MW-16						
Bromodichloromethane		0.42 J	1.0	0.24	ug/l	SW846 8260B
Chloroform		2.7	1.0	0.30	ug/l	SW846 8260B

Summary of Hits

Job Number: FA37767
Account: Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA
Collected: 10/11/16 thru 10/13/16

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
1,4-Dioxane		11300	10000	4600	ug/l	SW846 8260B
Methyl Tert Butyl Ether		0.45 J	1.0	0.20	ug/l	SW846 8260B
Barium		332	200	1.0	ug/l	SW846 6010C
Cobalt		48.5 J	50	0.20	ug/l	SW846 6010C
FA37767-16F MW-16						
Cobalt		36.4 J	50	0.20	ug/l	SW846 6010C
FA37767-17 MW-17						
Bromodichloromethane		0.46 J	1.0	0.24	ug/l	SW846 8260B
Chloroform		2.7	1.0	0.30	ug/l	SW846 8260B
1,4-Dioxane		2340	2000	930	ug/l	SW846 8260B
Barium		135 J	200	1.0	ug/l	SW846 6010C
Cobalt		149	50	0.20	ug/l	SW846 6010C
FA37767-17F MW-17						
Cobalt		100	50	0.20	ug/l	SW846 6010C
FA37767-18 PZ-1						
Bromodichloromethane		0.48 J	1.0	0.24	ug/l	SW846 8260B
Chloroform		2.2	1.0	0.30	ug/l	SW846 8260B
1,4-Dioxane		4360	4000	1900	ug/l	SW846 8260B
Methyl Tert Butyl Ether		0.28 J	1.0	0.20	ug/l	SW846 8260B
Barium		117 J	200	1.0	ug/l	SW846 6010C
Cobalt		294	50	0.20	ug/l	SW846 6010C
Lead		9.3	5.0	1.1	ug/l	SW846 6010C
FA37767-18F PZ-1						
Cobalt		240	50	0.20	ug/l	SW846 6010C
FA37767-19 PZ-2						
Chloroform		1.9	1.0	0.30	ug/l	SW846 8260B
1,4-Dioxane		4920	4000	1900	ug/l	SW846 8260B
Barium		137 J	200	1.0	ug/l	SW846 6010C
Cobalt		2910	50	0.20	ug/l	SW846 6010C
Lead		11.3	5.0	1.1	ug/l	SW846 6010C

Summary of Hits

Job Number: FA37767
Account: Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA
Collected: 10/11/16 thru 10/13/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA37767-19F	PZ-2					
Cobalt		328	50	0.20	ug/l	SW846 6010C
FA37767-20	PZ-3					
Bromodichloromethane		0.63 J	1.0	0.24	ug/l	SW846 8260B
Chloroform		3.0	1.0	0.30	ug/l	SW846 8260B
1,4-Dioxane		5510	4000	1900	ug/l	SW846 8260B
Barium		188 J	200	1.0	ug/l	SW846 6010C
Cobalt		2010	50	0.20	ug/l	SW846 6010C
Lead		17.8	5.0	1.1	ug/l	SW846 6010C
FA37767-20F	PZ-3					
Cobalt		364	50	0.20	ug/l	SW846 6010C
FA37767-21	SW-1					
Bromodichloromethane		0.71 J	1.0	0.24	ug/l	SW846 8260B
Chloroform		3.7	1.0	0.30	ug/l	SW846 8260B
1,4-Dioxane		4110	2000	930	ug/l	SW846 8260B
Barium		106 J	200	1.0	ug/l	SW846 6010C
Cobalt		107	50	0.20	ug/l	SW846 6010C
FA37767-21F	SW-1					
Cobalt		88.1	50	0.20	ug/l	SW846 6010C
FA37767-22	SW-2					
Bromodichloromethane		0.73 J	1.0	0.24	ug/l	SW846 8260B
Chloroform		4.0	1.0	0.30	ug/l	SW846 8260B
1,4-Dioxane		3050 J	4000	1900	ug/l	SW846 8260B
Methyl Tert Butyl Ether		0.26 J	1.0	0.20	ug/l	SW846 8260B
Barium		122 J	200	1.0	ug/l	SW846 6010C
Cobalt		121	50	0.20	ug/l	SW846 6010C
FA37767-22F	SW-2					
Cobalt		80.8	50	0.20	ug/l	SW846 6010C
FA37767-23	SW-3					
Bromodichloromethane		3.6	1.0	0.24	ug/l	SW846 8260B

Summary of Hits

Page 7 of 7

Job Number: FA37767
Account: Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA
Collected: 10/11/16 thru 10/13/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Chloroform		16.9	1.0	0.30	ug/l	SW846 8260B
1,4-Dioxane		97.1 J	200	93	ug/l	SW846 8260B
Barium		12.1 J	200	1.0	ug/l	SW846 6010C

FA37767-23F SW-3

No hits reported in this sample.

FA37767-24 SW-4

Bromodichloromethane	3.3	1.0	0.24	ug/l	SW846 8260B
Chloroform	17.5	1.0	0.30	ug/l	SW846 8260B
Barium	11.5 J	200	1.0	ug/l	SW846 6010C

FA37767-24F SW-4

No hits reported in this sample.

FA37767-25 SW-5

Bromodichloromethane	3.5	1.0	0.24	ug/l	SW846 8260B
Chloroform	18.0	1.0	0.30	ug/l	SW846 8260B
Barium	11.9 J	200	1.0	ug/l	SW846 6010C

FA37767-25F SW-5

No hits reported in this sample.



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-1	
Lab Sample ID:	FA37767-1	Date Sampled: 10/11/16
Matrix:	AQ - Ground Water	Date Received: 10/14/16
Method:	SW846 8260B	Percent Solids: n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980302.D	1	10/20/16	DP	n/a	n/a	VJ5465
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.42	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	1.8	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	93	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	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	103%		79-125%
2037-26-5	Toluene-D8	105%		85-112%
460-00-4	4-Bromofluorobenzene	101%		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-1	
Lab Sample ID:	FA37767-1	Date Sampled: 10/11/16
Matrix:	AQ - Ground Water	Date Received: 10/14/16
Method:	SW846 8270D SW846 3510C	Percent Solids: n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	X049831.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^b	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	33%		14-67%
4165-62-2	Phenol-d5	23%		10-50%
118-79-6	2,4,6-Tribromophenol	65%		33-118%
4165-60-0	Nitrobenzene-d5	65%		42-108%
321-60-8	2-Fluorobiphenyl	67%		40-106%
1718-51-0	Terphenyl-d14	66%		39-121%

(a) Sample extracted beyond hold time.

(b) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-1	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	35.5 J	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	1.2 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499
(2) Prep QC Batch: MP31015

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-1	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-1F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	0.70 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501
(2) Prep QC Batch: MP31014

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:	10/11/16
Lab Sample ID:	FA37767-2	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980328.D	1	10/21/16	DP	n/a	n/a	VJ5466
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.42	ug/l	J
75-27-4	Bromodichloromethane	0.52	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	2.4	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	93	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	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	99%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	102%		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-2	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-2	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	X049832.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^b	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		14-67%
4165-62-2	Phenol-d5	28%		10-50%
118-79-6	2,4,6-Tribromophenol	75%		33-118%
4165-60-0	Nitrobenzene-d5	68%		42-108%
321-60-8	2-Fluorobiphenyl	71%		40-106%
1718-51-0	Terphenyl-d14	76%		39-121%

(a) Sample extracted beyond hold time.

(b) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-2	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	60.1 J	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	1.8 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	2.0 J	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499

(2) Prep QC Batch: MP31015

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:	10/11/16
Lab Sample ID:	FA37767-2F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	1.5 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501
(2) Prep QC Batch: MP31014

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:	10/11/16
Lab Sample ID:	FA37767-3	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980304.D	1	10/20/16	DP	n/a	n/a	VJ5465
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.42	ug/l	J
75-27-4	Bromodichloromethane	0.83	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	5.2	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	93	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	103%		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-3	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-3	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	X049833.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^b	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	19%		14-67%
4165-62-2	Phenol-d5	14%		10-50%
118-79-6	2,4,6-Tribromophenol	36%		33-118%
4165-60-0	Nitrobenzene-d5	58%		42-108%
321-60-8	2-Fluorobiphenyl	57%		40-106%
1718-51-0	Terphenyl-d14	48%		39-121%

(a) Sample extracted beyond hold time.

(b) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	MW-3	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-3	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	50.4 J	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	1.0 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	4.6 J	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499

(2) Prep QC Batch: MP31015

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:	10/11/16
Lab Sample ID:	FA37767-3F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	0.80 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501
(2) Prep QC Batch: MP31014

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:	10/11/16
Lab Sample ID:	FA37767-4	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980305.D	1	10/20/16	DP	n/a	n/a	VJ5465
Run #2	M90780.D	20	10/21/16	KM	n/a	n/a	VM3871

	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	0.42	ug/l	
75-27-4	Bromodichloromethane	0.34	1.0	0.24	ug/l	J
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	1.7	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	5640 ^a	4000	1900	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.35	1.0	0.20	ug/l	J
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	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	101%	96%	79-125%
2037-26-5	Toluene-D8	102%	94%	85-112%
460-00-4	4-Bromofluorobenzene	98%	100%	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-4	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-4	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	X049834.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^b	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	40%		14-67%
4165-62-2	Phenol-d5	27%		10-50%
118-79-6	2,4,6-Tribromophenol	76%		33-118%
4165-60-0	Nitrobenzene-d5	72%		42-108%
321-60-8	2-Fluorobiphenyl	63%		40-106%
1718-51-0	Terphenyl-d14	74%		39-121%

(a) Sample extracted beyond hold time.

(b) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-4	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	324	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	2540	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	29.2	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499
(2) Prep QC Batch: MP31015

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:	10/11/16
Lab Sample ID:	FA37767-4F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	487	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501
(2) Prep QC Batch: MP31014

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:	10/11/16
Lab Sample ID:	FA37767-5	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980306.D	1	10/20/16	DP	n/a	n/a	VJ5465
Run #2	I42992.D	1	10/24/16	WV	n/a	n/a	VI1163

	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	0.42	ug/l	J
75-27-4	Bromodichloromethane	0.29	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	1.8	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND ^a	200	93	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	101%	79-125%
2037-26-5	Toluene-D8	105%	95%	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

Client Sample ID:	MW-5	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-5	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	X049835.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^b	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		14-67%
4165-62-2	Phenol-d5	27%		10-50%
118-79-6	2,4,6-Tribromophenol	72%		33-118%
4165-60-0	Nitrobenzene-d5	69%		42-108%
321-60-8	2-Fluorobiphenyl	63%		40-106%
1718-51-0	Terphenyl-d14	73%		39-121%

(a) Sample extracted beyond hold time.

(b) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	MW-5	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-5	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	38.7 J	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	1.7 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499

(2) Prep QC Batch: MP31015

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:	10/11/16
Lab Sample ID:	FA37767-5F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	1.8 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501

(2) Prep QC Batch: MP31014

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:	10/11/16
Lab Sample ID:	FA37767-6	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980307.D	1	10/20/16	DP	n/a	n/a	VJ5465
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.42	ug/l	J
75-27-4	Bromodichloromethane	0.44	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	2.0	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	93	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	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	103%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit

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-6	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-6	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	X049828.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^b	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	16%		14-67%
4165-62-2	Phenol-d5	12%		10-50%
118-79-6	2,4,6-Tribromophenol	36%		33-118%
4165-60-0	Nitrobenzene-d5	65%		42-108%
321-60-8	2-Fluorobiphenyl	64%		40-106%
1718-51-0	Terphenyl-d14	61%		39-121%

(a) Sample extracted beyond hold time.

(b) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	MW-6	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-6	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	49.7 J	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	1.0 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	3.3 J	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499

(2) Prep QC Batch: MP31015

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:	10/11/16
Lab Sample ID:	FA37767-6F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	3.5 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501
(2) Prep QC Batch: MP31014

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		
Lab Sample ID:	FA37767-7	Date Sampled:	10/12/16
Matrix:	AQ - Ground Water	Date Received:	10/14/16
Method:	SW846 8260B	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980308.D	10	10/20/16	DP	n/a	n/a	VJ5465
Run #2	M90789.D	50	10/22/16	KM	n/a	n/a	VM3872

	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	10	4.2	ug/l	
75-27-4	Bromodichloromethane	ND	10	2.4	ug/l	
98-06-6	tert-Butylbenzene	ND	10	4.0	ug/l	
67-66-3	Chloroform	ND	10	3.0	ug/l	
123-91-1	1,4-Dioxane	36100 ^a	10000	4600	ug/l	
64-17-5	Ethyl Alcohol	ND	2000	500	ug/l	
591-78-6	2-Hexanone	ND	100	20	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	50	14	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	10	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	10	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	10	2.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	93%	79-125%
2037-26-5	Toluene-D8	109%	95%	85-112%
460-00-4	4-Bromofluorobenzene	99%	93%	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-7	Date Sampled:	10/12/16
Lab Sample ID:	FA37767-7	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X049836.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^a	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	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	70%		33-118%
4165-60-0	Nitrobenzene-d5	66%		42-108%
321-60-8	2-Fluorobiphenyl	62%		40-106%
1718-51-0	Terphenyl-d14	66%		39-121%

(a) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	MW-7	Date Sampled:	10/12/16
Lab Sample ID:	FA37767-7	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	47.6 J	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	4.9 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499

(2) Prep QC Batch: MP31015

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:	10/12/16
Lab Sample ID:	FA37767-7F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	4.7 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501
(2) Prep QC Batch: MP31014

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-8	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-8	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I42997.D	1	10/24/16	WV	n/a	n/a	VI1163
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.42	ug/l	J
75-27-4	Bromodichloromethane	0.32	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	1.9	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	93	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	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	102%		79-125%
2037-26-5	Toluene-D8	98%		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

Client Sample ID:	MW-8						
Lab Sample ID:	FA37767-8					Date Sampled:	10/13/16
Matrix:	AQ - Ground Water					Date Received:	10/14/16
Method:	SW846 8270D SW846 3510C					Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X049859.D	1	10/21/16	MV	10/20/16	OP62315	SX2148
Run #2							

	Initial Volume	Final Volume
Run #1	850 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	59	12	ug/l	
	3&4-Methylphenol	ND	5.9	1.2	ug/l	
100-51-6	Benzyl Alcohol	ND	5.9	0.65	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	42%		14-67%
4165-62-2	Phenol-d5	30%		10-50%
118-79-6	2,4,6-Tribromophenol	75%		33-118%
4165-60-0	Nitrobenzene-d5	69%		42-108%
321-60-8	2-Fluorobiphenyl	73%		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

Client Sample ID:	MW-8	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-8	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	770	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	71.6	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	45.0	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499

(2) Prep QC Batch: MP31015

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-8	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-8F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	11.5 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501
(2) Prep QC Batch: MP31014

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:	10/13/16
Lab Sample ID:	FA37767-9	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I42994.D	10	10/24/16	WV	n/a	n/a	VI1163
Run #2	J0980310.D	50	10/20/16	DP	n/a	n/a	VJ5465

	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	10	4.2	ug/l	
75-27-4	Bromodichloromethane	ND	10	2.4	ug/l	
98-06-6	tert-Butylbenzene	ND	10	4.0	ug/l	
67-66-3	Chloroform	ND	10	3.0	ug/l	
123-91-1	1,4-Dioxane	18200 ^a	10000	4600	ug/l	
64-17-5	Ethyl Alcohol	ND	2000	500	ug/l	
591-78-6	2-Hexanone	ND	100	20	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	50	14	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	10	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	10	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	10	2.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	104%	79-125%
2037-26-5	Toluene-D8	99%	107%	85-112%
460-00-4	4-Bromofluorobenzene	97%	103%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit

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-9						
Lab Sample ID:	FA37767-9					Date Sampled:	10/13/16
Matrix:	AQ - Ground Water					Date Received:	10/14/16
Method:	SW846 8270D SW846 3510C					Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X049860.D	1	10/22/16	MV	10/20/16	OP62315	SX2148
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^a	ND	53	11	ug/l	
	3&4-Methylphenol	ND	5.3	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.3	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	43%		14-67%
4165-62-2	Phenol-d5	29%		10-50%
118-79-6	2,4,6-Tribromophenol	80%		33-118%
4165-60-0	Nitrobenzene-d5	77%		42-108%
321-60-8	2-Fluorobiphenyl	64%		40-106%
1718-51-0	Terphenyl-d14	75%		39-121%

(a) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID: MW-9	Date Sampled: 10/13/16
Lab Sample ID: FA37767-9	Date Received: 10/14/16
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA	

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	190 J	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	13.6 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499

(2) Prep QC Batch: MP31015

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:	10/13/16
Lab Sample ID:	FA37767-9F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	11.4 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499
(2) Prep QC Batch: MP31015

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-10	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-10	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980311.D	10	10/20/16	DP	n/a	n/a	VJ5465
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	10	4.2	ug/l	
75-27-4	Bromodichloromethane	ND	10	2.4	ug/l	
98-06-6	tert-Butylbenzene	ND	10	4.0	ug/l	
67-66-3	Chloroform	3.5	10	3.0	ug/l	J
123-91-1	1,4-Dioxane	9840	2000	930	ug/l	
64-17-5	Ethyl Alcohol	ND	2000	500	ug/l	
591-78-6	2-Hexanone	ND	100	20	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	50	14	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	10	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	10	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	10	2.0	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	105%		79-125%
2037-26-5	Toluene-D8	105%		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:	MW-10	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-10	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X049861.D	1	10/22/16	MV	10/20/16	OP62315	SX2148
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^a	ND	56	11	ug/l	
	3&4-Methylphenol	ND	5.6	1.2	ug/l	
100-51-6	Benzyl Alcohol	ND	5.6	0.62	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	49%		14-67%
4165-62-2	Phenol-d5	35%		10-50%
118-79-6	2,4,6-Tribromophenol	78%		33-118%
4165-60-0	Nitrobenzene-d5	74%		42-108%
321-60-8	2-Fluorobiphenyl	69%		40-106%
1718-51-0	Terphenyl-d14	78%		39-121%

(a) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	MW-10	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-10	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	279	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	20.4 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499

(2) Prep QC Batch: MP31015

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-10	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-10F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	15.5 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501

(2) Prep QC Batch: MP31014

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		
Lab Sample ID:	FA37767-11	Date Sampled:	10/12/16
Matrix:	AQ - Ground Water	Date Received:	10/14/16
Method:	SW846 8260B	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980329.D	1	10/21/16	DP	n/a	n/a	VJ5466
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.42	ug/l	J
75-27-4	Bromodichloromethane	0.47	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	2.5	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	93	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	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	98%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	102%		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-11	Date Sampled:	10/12/16
Lab Sample ID:	FA37767-11	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X049837.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^a	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	27%		14-67%
4165-62-2	Phenol-d5	21%		10-50%
118-79-6	2,4,6-Tribromophenol	50%		33-118%
4165-60-0	Nitrobenzene-d5	55%		42-108%
321-60-8	2-Fluorobiphenyl	55%		40-106%
1718-51-0	Terphenyl-d14	44%		39-121%

(a) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	MW-11	Date Sampled:	10/12/16
Lab Sample ID:	FA37767-11	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	57.3 J	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	1.2 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	6.5	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499

(2) Prep QC Batch: MP31015

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:	10/12/16
Lab Sample ID:	FA37767-11F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	1.1 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501

(2) Prep QC Batch: MP31014

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-12	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-12	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980313.D	1	10/20/16	DP	n/a	n/a	VJ5465
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.42	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	2.1	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	93	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	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	104%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	102%		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:	10/11/16
Lab Sample ID:	FA37767-12	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	X049838.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^b	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	17%		14-67%
4165-62-2	Phenol-d5	14%		10-50%
118-79-6	2,4,6-Tribromophenol	30% ^c		33-118%
4165-60-0	Nitrobenzene-d5	62%		42-108%
321-60-8	2-Fluorobiphenyl	60%		40-106%
1718-51-0	Terphenyl-d14	59%		39-121%

(a) Sample extracted beyond hold time.

(b) Associated BS recovery outside control limits.

(c) Outside control limits. However, sample was ND for referenced target analytes.

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:	10/11/16
Lab Sample ID:	FA37767-12	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	48.9 J	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	0.60 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.9 J	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499
(2) Prep QC Batch: MP31015

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-12	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-12F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	0.80 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501
(2) Prep QC Batch: MP31014

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		
Lab Sample ID:	FA37767-13	Date Sampled:	10/12/16
Matrix:	AQ - Ground Water	Date Received:	10/14/16
Method:	SW846 8260B	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980314.D	1	10/20/16	DP	n/a	n/a	VJ5465
Run #2	M90782.D	20	10/21/16	KM	n/a	n/a	VM3871

	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	0.42	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	1.1	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	3370 ^a	4000	1900	ug/l	J
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	107%	93%	79-125%
2037-26-5	Toluene-D8	105%	92%	85-112%
460-00-4	4-Bromofluorobenzene	98%	88%	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						
Lab Sample ID:	FA37767-13					Date Sampled:	10/12/16
Matrix:	AQ - Ground Water					Date Received:	10/14/16
Method:	SW846 8270D SW846 3510C					Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X049839.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^a	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		14-67%
4165-62-2	Phenol-d5	28%		10-50%
118-79-6	2,4,6-Tribromophenol	67%		33-118%
4165-60-0	Nitrobenzene-d5	65%		42-108%
321-60-8	2-Fluorobiphenyl	67%		40-106%
1718-51-0	Terphenyl-d14	65%		39-121%

(a) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	MW-13	Date Sampled:	10/12/16
Lab Sample ID:	FA37767-13	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	45.1 J	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	3.2 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499
(2) Prep QC Batch: MP31015

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:	10/12/16
Lab Sample ID:	FA37767-13F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	1.8 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501
(2) Prep QC Batch: MP31014

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:	10/12/16
Lab Sample ID:	FA37767-14	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980315.D	1	10/20/16	DP	n/a	n/a	VJ5465
Run #2	M90790.D	20	10/22/16	KM	n/a	n/a	VM3872

	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	0.42	ug/l	
75-27-4	Bromodichloromethane	0.75	1.0	0.24	ug/l	J
98-06-6	tert-Butylbenzene	0.41	1.0	0.40	ug/l	J
67-66-3	Chloroform	4.2	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	3320 ^a	4000	1900	ug/l	J
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	92%	79-125%
2037-26-5	Toluene-D8	107%	100%	85-112%
460-00-4	4-Bromofluorobenzene	96%	92%	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-14	Date Sampled:	10/12/16
Lab Sample ID:	FA37767-14	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X049840.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^a	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		14-67%
4165-62-2	Phenol-d5	30%		10-50%
118-79-6	2,4,6-Tribromophenol	68%		33-118%
4165-60-0	Nitrobenzene-d5	63%		42-108%
321-60-8	2-Fluorobiphenyl	60%		40-106%
1718-51-0	Terphenyl-d14	65%		39-121%

(a) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	MW-14	Date Sampled:	10/12/16
Lab Sample ID:	FA37767-14	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	40.2 J	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	3.6 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499

(2) Prep QC Batch: MP31015

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:	10/12/16
Lab Sample ID:	FA37767-14F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	3.8 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501
(2) Prep QC Batch: MP31014

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		
Lab Sample ID:	FA37767-15	Date Sampled:	10/13/16
Matrix:	AQ - Ground Water	Date Received:	10/14/16
Method:	SW846 8260B	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980316.D	1	10/20/16	DP	n/a	n/a	VJ5465
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.42	ug/l	J
75-27-4	Bromodichloromethane	0.27	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	1.8	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	383	200	93	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	106%		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

Client Sample ID:	MW-15	
Lab Sample ID:	FA37767-15	Date Sampled: 10/13/16
Matrix:	AQ - Ground Water	Date Received: 10/14/16
Method:	SW846 8270D SW846 3510C	Percent Solids: n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X049862.D	1	10/22/16	MV	10/20/16	OP62315	SX2148
Run #2							

	Initial Volume	Final Volume
Run #1	700 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^a	ND	71	14	ug/l	
	3&4-Methylphenol	ND	7.1	1.5	ug/l	
100-51-6	Benzyl Alcohol	ND	7.1	0.79	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	46%		14-67%
4165-62-2	Phenol-d5	34%		10-50%
118-79-6	2,4,6-Tribromophenol	73%		33-118%
4165-60-0	Nitrobenzene-d5	73%		42-108%
321-60-8	2-Fluorobiphenyl	74%		40-106%
1718-51-0	Terphenyl-d14	75%		39-121%

(a) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	MW-15	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-15	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	50.0 J	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	1.8 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	3.5 J	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501

(2) Prep QC Batch: MP31014

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:	10/13/16
Lab Sample ID:	FA37767-15F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	1.9 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501

(2) Prep QC Batch: MP31014

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		
Lab Sample ID:	FA37767-16	Date Sampled:	10/12/16
Matrix:	AQ - Ground Water	Date Received:	10/14/16
Method:	SW846 8260B	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980317.D	1	10/20/16	DP	n/a	n/a	VJ5465
Run #2	M90791.D	50	10/22/16	KM	n/a	n/a	VM3872

	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	0.42	ug/l	J
75-27-4	Bromodichloromethane	0.42	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	2.7	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	11300 ^a	10000	4600	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	J
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.45	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	81%	79-125%
2037-26-5	Toluene-D8	101%	96%	85-112%
460-00-4	4-Bromofluorobenzene	97%	93%	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-16	Date Sampled:	10/12/16
Lab Sample ID:	FA37767-16	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X049841.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^a	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	49%		14-67%
4165-62-2	Phenol-d5	36%		10-50%
118-79-6	2,4,6-Tribromophenol	78%		33-118%
4165-60-0	Nitrobenzene-d5	74%		42-108%
321-60-8	2-Fluorobiphenyl	66%		40-106%
1718-51-0	Terphenyl-d14	77%		39-121%

(a) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	MW-16	Date Sampled:	10/12/16
Lab Sample ID:	FA37767-16	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	332	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	48.5 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499

(2) Prep QC Batch: MP31016

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:	10/12/16
Lab Sample ID:	FA37767-16F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	36.4 J	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499

(2) Prep QC Batch: MP31015

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-17	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-17	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980318.D	1	10/20/16	DP	n/a	n/a	VJ5465
Run #2	M90792.D	10	10/22/16	KM	n/a	n/a	VM3872

	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	0.42	ug/l	J
75-27-4	Bromodichloromethane	0.46	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	2.7	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	2340 ^a	2000	930	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	87%	79-125%
2037-26-5	Toluene-D8	104%	103%	85-112%
460-00-4	4-Bromofluorobenzene	96%	85%	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-17	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-17	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	X049842.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^b	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	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	71%		33-118%
4165-60-0	Nitrobenzene-d5	67%		42-108%
321-60-8	2-Fluorobiphenyl	68%		40-106%
1718-51-0	Terphenyl-d14	71%		39-121%

(a) Sample extracted beyond hold time.

(b) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-17	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	135 J	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	149	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499

(2) Prep QC Batch: MP31016

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-17	Date Sampled:	10/11/16
Lab Sample ID:	FA37767-17F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	100	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499

(2) Prep QC Batch: MP31015

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:	10/12/16
Lab Sample ID:	FA37767-18	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980319.D	1	10/20/16	DP	n/a	n/a	VJ5465
Run #2	M90822.D	20	10/24/16	KM	n/a	n/a	VM3873

	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	0.42	ug/l	
75-27-4	Bromodichloromethane	0.48	1.0	0.24	ug/l	J
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	2.2	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	4360 ^a	4000	1900	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.28	1.0	0.20	ug/l	J
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	95%	79-125%
2037-26-5	Toluene-D8	103%	96%	85-112%
460-00-4	4-Bromofluorobenzene	100%	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

Client Sample ID:	PZ-1	Date Sampled:	10/12/16
Lab Sample ID:	FA37767-18	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X049843.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^a	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	45%		14-67%
4165-62-2	Phenol-d5	33%		10-50%
118-79-6	2,4,6-Tribromophenol	72%		33-118%
4165-60-0	Nitrobenzene-d5	69%		42-108%
321-60-8	2-Fluorobiphenyl	63%		40-106%
1718-51-0	Terphenyl-d14	71%		39-121%

(a) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	PZ-1	Date Sampled:	10/12/16
Lab Sample ID:	FA37767-18	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	117 J	200	1.0	ug/l	1	10/20/16	10/21/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	294	50	0.20	ug/l	1	10/20/16	10/21/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	9.3	5.0	1.1	ug/l	1	10/20/16	10/21/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13504

(2) Prep QC Batch: MP31019

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:	10/12/16
Lab Sample ID:	FA37767-18F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	240	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501

(2) Prep QC Batch: MP31014

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-2	Date Sampled:	10/12/16
Lab Sample ID:	FA37767-19	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980330.D	1	10/21/16	DP	n/a	n/a	VJ5466
Run #2	M90818.D	20	10/24/16	KM	n/a	n/a	VM3873

	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	0.42	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	1.9	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	4920 ^a	4000	1900	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%	106%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	89%	79-125%
2037-26-5	Toluene-D8	104%	96%	85-112%
460-00-4	4-Bromofluorobenzene	100%	90%	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:	PZ-2	Date Sampled:	10/12/16
Lab Sample ID:	FA37767-19	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X049844.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^a	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	45%		14-67%
4165-62-2	Phenol-d5	31%		10-50%
118-79-6	2,4,6-Tribromophenol	76%		33-118%
4165-60-0	Nitrobenzene-d5	73%		42-108%
321-60-8	2-Fluorobiphenyl	61%		40-106%
1718-51-0	Terphenyl-d14	73%		39-121%

(a) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	PZ-2	Date Sampled:	10/12/16
Lab Sample ID:	FA37767-19	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	137 J	200	1.0	ug/l	1	10/20/16	10/21/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	2910	50	0.20	ug/l	1	10/20/16	10/21/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	11.3	5.0	1.1	ug/l	1	10/20/16	10/21/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13504

(2) Prep QC Batch: MP31019

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-2	Date Sampled:	10/12/16
Lab Sample ID:	FA37767-19F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	328	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499
(2) Prep QC Batch: MP31015

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:	10/12/16
Lab Sample ID:	FA37767-20	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980331.D	1	10/21/16	DP	n/a	n/a	VJ5466
Run #2	M90819.D	20	10/24/16	KM	n/a	n/a	VM3873

	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	0.42	ug/l	J
75-27-4	Bromodichloromethane	0.63	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	3.0	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	5510 ^a	4000	1900	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	89%	79-125%
2037-26-5	Toluene-D8	105%	91%	85-112%
460-00-4	4-Bromofluorobenzene	100%	89%	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:	PZ-3		
Lab Sample ID:	FA37767-20	Date Sampled:	10/12/16
Matrix:	AQ - Ground Water	Date Received:	10/14/16
Method:	SW846 8270D SW846 3510C	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X049845.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^a	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	40%		14-67%
4165-62-2	Phenol-d5	29%		10-50%
118-79-6	2,4,6-Tribromophenol	76%		33-118%
4165-60-0	Nitrobenzene-d5	67%		42-108%
321-60-8	2-Fluorobiphenyl	61%		40-106%
1718-51-0	Terphenyl-d14	75%		39-121%

(a) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	PZ-3	Date Sampled:	10/12/16
Lab Sample ID:	FA37767-20	Date Received:	10/14/16
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	188 J	200	1.0	ug/l	1	10/20/16	10/21/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	2010	50	0.20	ug/l	1	10/20/16	10/21/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	17.8	5.0	1.1	ug/l	1	10/20/16	10/21/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13504

(2) Prep QC Batch: MP31019

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:	10/12/16
Lab Sample ID:	FA37767-20F	Date Received:	10/14/16
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	364	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501
(2) Prep QC Batch: MP31014

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:	10/13/16
Lab Sample ID:	FA37767-21	Date Received:	10/14/16
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980332.D	1	10/21/16	DP	n/a	n/a	VJ5466
Run #2	M90820.D	10	10/24/16	KM	n/a	n/a	VM3873

	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	0.42	ug/l	J
75-27-4	Bromodichloromethane	0.71	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	3.7	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	4110 ^a	2000	930	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	94%	79-125%
2037-26-5	Toluene-D8	101%	98%	85-112%
460-00-4	4-Bromofluorobenzene	101%	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:	SW-1	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-21	Date Received:	10/14/16
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X049863.D	1	10/22/16	MV	10/20/16	OP62315	SX2148
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^a	ND	56	11	ug/l	
	3&4-Methylphenol	ND	5.6	1.2	ug/l	
100-51-6	Benzyl Alcohol	ND	5.6	0.62	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	33%		14-67%
4165-62-2	Phenol-d5	23%		10-50%
118-79-6	2,4,6-Tribromophenol	64%		33-118%
4165-60-0	Nitrobenzene-d5	75%		42-108%
321-60-8	2-Fluorobiphenyl	69%		40-106%
1718-51-0	Terphenyl-d14	71%		39-121%

(a) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	SW-1	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-21	Date Received:	10/14/16
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	106 J	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	107	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499
(2) Prep QC Batch: MP31016

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:	10/13/16
Lab Sample ID:	FA37767-21F	Date Received:	10/14/16
Matrix:	AQ - Surface H2O Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	88.1	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499
(2) Prep QC Batch: MP31015

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-2	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-22	Date Received:	10/14/16
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980333.D	1	10/21/16	DP	n/a	n/a	VJ5466
Run #2	M90821.D	20	10/24/16	KM	n/a	n/a	VM3873

	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	0.42	ug/l	
75-27-4	Bromodichloromethane	0.73	1.0	0.24	ug/l	J
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	4.0	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	3050 ^a	4000	1900	ug/l	J
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.26	1.0	0.20	ug/l	J
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	92%	79-125%
2037-26-5	Toluene-D8	104%	101%	85-112%
460-00-4	4-Bromofluorobenzene	102%	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

Client Sample ID:	SW-2	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-22	Date Received:	10/14/16
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X049864.D	1	10/22/16	MV	10/20/16	OP62315	SX2148
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^a	ND	56	11	ug/l	
	3&4-Methylphenol	ND	5.6	1.2	ug/l	
100-51-6	Benzyl Alcohol	ND	5.6	0.62	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	44%		14-67%
4165-62-2	Phenol-d5	30%		10-50%
118-79-6	2,4,6-Tribromophenol	77%		33-118%
4165-60-0	Nitrobenzene-d5	76%		42-108%
321-60-8	2-Fluorobiphenyl	78%		40-106%
1718-51-0	Terphenyl-d14	77%		39-121%

(a) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	SW-2	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-22	Date Received:	10/14/16
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	122 J	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	121	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499

(2) Prep QC Batch: MP31016

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-2	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-22F	Date Received:	10/14/16
Matrix:	AQ - Surface H2O Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	80.8	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499
(2) Prep QC Batch: MP31015

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-3						
Lab Sample ID:	FA37767-23					Date Sampled:	10/13/16
Matrix:	AQ - Surface Water					Date Received:	10/14/16
Method:	SW846 8260B					Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980334.D	1	10/21/16	DP	n/a	n/a	VJ5466
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.42	ug/l	
75-27-4	Bromodichloromethane	3.6	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	16.9	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	97.1	200	93	ug/l	J
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	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	101%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	105%		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-3	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-23	Date Received:	10/14/16
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X049865.D	1	10/22/16	MV	10/20/16	OP62315	SX2148
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^a	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		14-67%
4165-62-2	Phenol-d5	12%		10-50%
118-79-6	2,4,6-Tribromophenol	59%		33-118%
4165-60-0	Nitrobenzene-d5	70%		42-108%
321-60-8	2-Fluorobiphenyl	73%		40-106%
1718-51-0	Terphenyl-d14	75%		39-121%

(a) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	SW-3	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-23	Date Received:	10/14/16
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	12.1 J	200	1.0	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Cobalt	0.20 U	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13499
(2) Prep QC Batch: MP31016

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-3	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-23F	Date Received:	10/14/16
Matrix:	AQ - Surface H2O Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; 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	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501
(2) Prep QC Batch: MP31014

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-4	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-24	Date Received:	10/14/16
Matrix:	AQ - Surface H2O Filtered	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980335.D	1	10/21/16	DP	n/a	n/a	VJ5466
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.42	ug/l	
75-27-4	Bromodichloromethane	3.3	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	17.5	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	93	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	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	100%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	103%		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-4		
Lab Sample ID:	FA37767-24	Date Sampled:	10/13/16
Matrix:	AQ - Surface H2O Filtered	Date Received:	10/14/16
Method:	SW846 8270D SW846 3510C	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	X049866.D	1	10/22/16	MV	10/20/16	OP62315	SX2148
Run #2 ^b	L0688941.D	1	10/26/16	MV	10/26/16	OP62394	SL3915

	Initial Volume	Final Volume
Run #1	1010 ml	1.0 ml
Run #2	1000 ml	1.0 ml

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^c	ND	50	9.9	ug/l	
	3&4-Methylphenol	ND	5.0	1.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.55	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	32%	40%	14-67%
4165-62-2	Phenol-d5	7%	16%	10-50%
118-79-6	2,4,6-Tribromophenol	60%	79%	33-118%
4165-60-0	Nitrobenzene-d5	64%	78%	42-108%
321-60-8	2-Fluorobiphenyl	66%	73%	40-106%
1718-51-0	Terphenyl-d14	74%	75%	39-121%

(a) Confirmed ND by re-extraction and reanalysis.

(b) Confirmation run for surrogate recoveries. Confirmation run for surrogate recoveries.

(c) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-4	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-24	Date Received:	10/14/16
Matrix:	AQ - Surface H2O Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	11.5 J	200	1.0	ug/l	1	10/20/16	10/21/16 LM	SW846 6010C ²	SW846 3010A ³
Cobalt	0.20 U	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ³
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ³

(1) Instrument QC Batch: MA13499

(2) Instrument QC Batch: MA13504

(3) Prep QC Batch: MP31016

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-4	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-24F	Date Received:	10/14/16
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	0.20 U	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501

(2) Prep QC Batch: MP31014

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:	10/13/16
Lab Sample ID:	FA37767-25	Date Received:	10/14/16
Matrix:	AQ - Surface H2O Filtered	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0980336.D	1	10/21/16	DP	n/a	n/a	VJ5466
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.42	ug/l	
75-27-4	Bromodichloromethane	3.5	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	18.0	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	93	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	101%		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						
Lab Sample ID:	FA37767-25					Date Sampled:	10/13/16
Matrix:	AQ - Surface H2O Filtered					Date Received:	10/14/16
Method:	SW846 8270D SW846 3510C					Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X049848.D	1	10/21/16	MV	10/20/16	OP62315	SX2147
Run #2							

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

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid ^a	ND	48	9.6	ug/l	
	3&4-Methylphenol	ND	4.8	1.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.53	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		14-67%
4165-62-2	Phenol-d5	13%		10-50%
118-79-6	2,4,6-Tribromophenol	69%		33-118%
4165-60-0	Nitrobenzene-d5	76%		42-108%
321-60-8	2-Fluorobiphenyl	77%		40-106%
1718-51-0	Terphenyl-d14	77%		39-121%

(a) Associated BS recovery outside control limits.

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

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

Report of Analysis

Client Sample ID:	SW-5	Date Sampled:	10/13/16
Lab Sample ID:	FA37767-25	Date Received:	10/14/16
Matrix:	AQ - Surface H2O Filtered	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	11.9 J	200	1.0	ug/l	1	10/20/16	10/21/16 LM	SW846 6010C ²	SW846 3010A ³
Cobalt	0.20 U	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ³
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ³

(1) Instrument QC Batch: MA13499

(2) Instrument QC Batch: MA13504

(3) Prep QC Batch: MP31016

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:	10/13/16
Lab Sample ID:	FA37767-25F	Date Received:	10/14/16
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cobalt	0.20 U	50	0.20	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²
Lead	1.1 U	5.0	1.1	ug/l	1	10/20/16	10/20/16 LM	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA13501
(2) Prep QC Batch: MP31014

RL = Reporting Limit
MDL = Method Detection Limit

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



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



PAGE 2 OF 3

[illegible]

FA37767: Chain of Custody

Page 3 of 6

SGS ACCUTEST - ORLANDO SAMPLE RECEIPT CONFIRMATION

SGS ACCUTEST'S JOB NUMBER: FA37767 CLIENT: ENV. COMPLIANCE SGA PROJECT: PT. 000069
 DATE/TIME RECEIVED: 10-14-16 11:00 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 7
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: _____
 AIRBILL NUMBERS: 8104 1332 0195

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: For Sample #18 received 1 EXTRA METALS (HVO3) For Samples #19, 20
NOT RECEIVED METALS (HVO3)

TEMPERATURE INFORMATION

- ☐ IR THERM ID 1 CORR. FACTOR -0.4
☐ OBSERVED TEMPS: 3.4 3.4 3.2 3.6 3.3 3.2
☐ CORRECTED TEMPS: 3.03 0.2 0.3 0.2 3.4 3.0 2.8 (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)

TECHNICIAN SIGNATURE/DATE 10-14-16 REVIEWER SIGNATURE/DATE KD 10-14-16

NF 02/16

receipt confirmation 020116.xls

FA37767: Chain of Custody

Page 4 of 6

- 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

FA37767: Chain of Custody
Page 5 of 6

TRK# 8104 1332 0254

STANDARD OVERNIGHT

XH TIXA

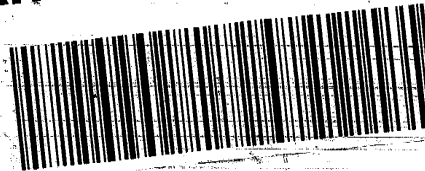
32811
FL-US MCO



TRK# 8104 1332 0240

XH TIXA

32811
FL-US MCO

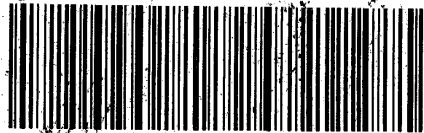


TRK# 8104 1332 0221

FRI - 14 OCT 3:00P
STANDARD OVERNIGHT

XH TIXA

32811
FL-US MCO



TRK# 8104 1332 0184

FRI - 14 OCT 3:00P
STANDARD OVERNIGHT

XH TIXA

32811
FL-US MCO



TRK# 8104 1332 0195

FRI - 14 OCT 3:00P
STANDARD OVERNIGHT

XH TIXA

32811
FL-US MCO



TRK# 8104 1332 0210

FRI - 14 OCT 3:00P
STANDARD OVERNIGHT

XH TIXA

32811
FL-US MCO



4.1 4

FL-US MCO

FA37767: Chain of Custody

Page 6 of 6



GC/MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Page 1 of 1

Job Number: FA37767

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
VJ5465-MB	J0980298.D	1	10/20/16	DP	n/a	n/a	VJ5465

The QC reported here applies to the following samples:

Method: SW846 8260B

FA37767-1, FA37767-3, FA37767-4, FA37767-5, FA37767-6, FA37767-7, FA37767-9, FA37767-10, FA37767-12, FA37767-13, FA37767-14, FA37767-15, FA37767-16, FA37767-17, FA37767-18

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.42	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	93	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	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	104% 85-112%
460-00-4	4-Bromofluorobenzene	104% 83-118%

Method Blank Summary

Page 1 of 1

Job Number: FA37767

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
VM3871-MB	M90769.D	1	10/21/16	KM	n/a	n/a	VM3871

The QC reported here applies to the following samples:

Method: SW846 8260B

FA37767-4, FA37767-13

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	200	93	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	103% 83-118%
17060-07-0	1,2-Dichloroethane-D4	90% 79-125%
2037-26-5	Toluene-D8	93% 85-112%
460-00-4	4-Bromofluorobenzene	96% 83-118%

Method Blank Summary

Page 1 of 1

Job Number: FA37767

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
VJ5466-MB	J0980327.D	1	10/21/16	DP	n/a	n/a	VJ5466

The QC reported here applies to the following samples:

Method: SW846 8260B

FA37767-2, FA37767-11, FA37767-19, FA37767-20, FA37767-21, FA37767-22, FA37767-23, FA37767-24, FA37767-25

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.42	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	93	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	100% 83-118%
17060-07-0	1,2-Dichloroethane-D4	101% 79-125%
2037-26-5	Toluene-D8	103% 85-112%
460-00-4	4-Bromofluorobenzene	106% 83-118%

Method Blank Summary

Page 1 of 1

Job Number: FA37767

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
VM3872-MB	M90788.D	1	10/22/16	KM	n/a	n/a	VM3872

The QC reported here applies to the following samples:

Method: SW846 8260B

FA37767-7, FA37767-14, FA37767-16, FA37767-17

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	200	93	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	105% 83-118%
17060-07-0	1,2-Dichloroethane-D4	95% 79-125%
2037-26-5	Toluene-D8	92% 85-112%
460-00-4	4-Bromofluorobenzene	96% 83-118%

Method Blank Summary

Page 1 of 1

Job Number: FA37767

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
VM3873-MB	M90817.D	1	10/24/16	KM	n/a	n/a	VM3873

The QC reported here applies to the following samples:

Method: SW846 8260B

FA37767-18, FA37767-19, FA37767-20, FA37767-21, FA37767-22

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	200	93	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	106% 83-118%
17060-07-0	1,2-Dichloroethane-D4	95% 79-125%
2037-26-5	Toluene-D8	90% 85-112%
460-00-4	4-Bromofluorobenzene	92% 83-118%

Method Blank Summary

Page 1 of 1

Job Number: FA37767

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
VI1163-MB	I42988.D	1	10/24/16	WV	n/a	n/a	VI1163

The QC reported here applies to the following samples:

Method: SW846 8260B

FA37767-5, FA37767-8, FA37767-9

CAS No.	Compound	Result	RL	MDL	Units	Q
74-97-5	Bromochloromethane	ND	1.0	0.42	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.40	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
123-91-1	1,4-Dioxane	ND	200	93	ug/l	
64-17-5	Ethyl Alcohol	ND	200	50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	93% 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%

Blank Spike Summary

Page 1 of 1

Job Number: FA37767

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
VJ5465-BS	J0980299.D	1	10/20/16	DP	n/a	n/a	VJ5465

The QC reported here applies to the following samples:

Method: SW846 8260B

FA37767-1, FA37767-3, FA37767-4, FA37767-5, FA37767-6, FA37767-7, FA37767-9, FA37767-10, FA37767-12, FA37767-13, FA37767-14, FA37767-15, FA37767-16, FA37767-17, FA37767-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-97-5	Bromochloromethane	25	22.1	88	76-123
75-27-4	Bromodichloromethane	25	23.4	94	79-123
98-06-6	tert-Butylbenzene	25	27.8	111	80-133
67-66-3	Chloroform	25	25.1	100	80-124
123-91-1	1,4-Dioxane	500	425	85	48-146
64-17-5	Ethyl Alcohol	500	500	100	46-145
591-78-6	2-Hexanone	125	110	88	61-129
108-10-1	4-Methyl-2-pentanone (MIBK)	125	112	90	66-122
1634-04-4	Methyl Tert Butyl Ether	25	20.9	84	72-117
95-63-6	1,2,4-Trimethylbenzene	25	25.7	103	79-120
108-67-8	1,3,5-Trimethylbenzene	25	25.6	102	79-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: FA37767

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
VM3871-BS ^a	M90768.D	1	10/21/16	KM	n/a	n/a	VM3871

The QC reported here applies to the following samples:

Method: SW846 8260B

FA37767-4, FA37767-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	500	407	81	48-146

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	92%	79-125%
2037-26-5	Toluene-D8	106%	85-112%
460-00-4	4-Bromofluorobenzene	90%	83-118%

(a) No MS/MSD available for this run.

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: FA37767

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
VJ5466-BS	J0980326.D	1	10/21/16	DP	n/a	n/a	VJ5466

The QC reported here applies to the following samples:

Method: SW846 8260B

FA37767-2, FA37767-11, FA37767-19, FA37767-20, FA37767-21, FA37767-22, FA37767-23, FA37767-24, FA37767-25

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-97-5	Bromochloromethane	25	20.7	83	76-123
75-27-4	Bromodichloromethane	25	23.2	93	79-123
98-06-6	tert-Butylbenzene	25	26.7	107	80-133
67-66-3	Chloroform	25	24.5	98	80-124
123-91-1	1,4-Dioxane	500	464	93	48-146
64-17-5	Ethyl Alcohol	500	524	105	46-145
591-78-6	2-Hexanone	125	119	95	61-129
108-10-1	4-Methyl-2-pentanone (MIBK)	125	115	92	66-122
1634-04-4	Methyl Tert Butyl Ether	25	22.4	90	72-117
95-63-6	1,2,4-Trimethylbenzene	25	25.3	101	79-120
108-67-8	1,3,5-Trimethylbenzene	25	25.1	100	79-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: FA37767

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
VM3872-BS	M90787.D	1	10/22/16	KM	n/a	n/a	VM3872

The QC reported here applies to the following samples:

Method: SW846 8260B

FA37767-7, FA37767-14, FA37767-16, FA37767-17

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	500	460	92	48-146

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	95%	79-125%
2037-26-5	Toluene-D8	97%	85-112%
460-00-4	4-Bromofluorobenzene	92%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: FA37767

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
VM3873-BS	M90816.D	1	10/24/16	KM	n/a	n/a	VM3873

The QC reported here applies to the following samples:

Method: SW846 8260B

FA37767-18, FA37767-19, FA37767-20, FA37767-21, FA37767-22

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	500	468	94	48-146

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

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: FA37767

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
VI1163-BS	I42987.D	1	10/24/16	WV	n/a	n/a	VI1163

The QC reported here applies to the following samples:

Method: SW846 8260B

FA37767-5, FA37767-8, FA37767-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
74-97-5	Bromochloromethane	25	23.4	94	76-123
75-27-4	Bromodichloromethane	25	26.0	104	79-123
98-06-6	tert-Butylbenzene	25	25.5	102	80-133
67-66-3	Chloroform	25	25.7	103	80-124
123-91-1	1,4-Dioxane	500	456	91	48-146
64-17-5	Ethyl Alcohol	500	503	101	46-145
591-78-6	2-Hexanone	125	117	94	61-129
108-10-1	4-Methyl-2-pentanone (MIBK)	125	113	90	66-122
1634-04-4	Methyl Tert Butyl Ether	25	23.2	93	72-117
95-63-6	1,2,4-Trimethylbenzene	25	26.0	104	79-120
108-67-8	1,3,5-Trimethylbenzene	25	25.5	102	79-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	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	100%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA37767

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
FA37767-1MS	J0980320.D	1	10/20/16	DP	n/a	n/a	VJ5465
FA37767-1MSD	J0980321.D	1	10/20/16	DP	n/a	n/a	VJ5465
FA37767-1	J0980302.D	1	10/20/16	DP	n/a	n/a	VJ5465

The QC reported here applies to the following samples:

Method: SW846 8260B

FA37767-1, FA37767-3, FA37767-4, FA37767-5, FA37767-6, FA37767-7, FA37767-9, FA37767-10, FA37767-12, FA37767-13, FA37767-14, FA37767-15, FA37767-16, FA37767-17, FA37767-18

CAS No.	Compound	FA37767-1 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	23.3	93	25	23.3	93	0	76-123/14
75-27-4	Bromodichloromethane	ND	25	26.1	104	25	24.8	99	5	79-123/19
98-06-6	tert-Butylbenzene	ND	25	30.9	124	25	29.9	120	3	80-133/16
67-66-3	Chloroform	1.8	25	29.7	112	25	28.9	108	3	80-124/15
123-91-1	1,4-Dioxane	ND	500	679	136	500	629	126	8	48-146/34
64-17-5	Ethyl Alcohol	ND	500	534	107	500	568	114	6	46-145/30
591-78-6	2-Hexanone	ND	125	116	93	125	119	95	3	61-129/18
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	125	114	91	125	114	91	0	66-122/16
1634-04-4	Methyl Tert Butyl Ether	ND	25	22.8	91	25	22.9	92	0	72-117/14
95-63-6	1,2,4-Trimethylbenzene	ND	25	30.1	120	25	28.3	113	6	79-120/18
108-67-8	1,3,5-Trimethylbenzene	ND	25	28.4	114	25	27.1	108	5	79-120/19

CAS No.	Surrogate Recoveries	MS	MSD	FA37767-1	Limits
1868-53-7	Dibromofluoromethane	99%	99%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	97%	103%	79-125%
2037-26-5	Toluene-D8	96%	97%	105%	85-112%
460-00-4	4-Bromofluorobenzene	98%	97%	101%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA37767

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
FA37767-19MS	J0980349.D	1	10/21/16	DP	n/a	n/a	VJ5466
FA37767-19MSD	J0980350.D	1	10/21/16	DP	n/a	n/a	VJ5466
FA37767-19	J0980330.D	1	10/21/16	DP	n/a	n/a	VJ5466

The QC reported here applies to the following samples:

Method: SW846 8260B

FA37767-2, FA37767-11, FA37767-19, FA37767-20, FA37767-21, FA37767-22, FA37767-23, FA37767-24, FA37767-25

CAS No.	Compound	FA37767-19 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
74-97-5	Bromochloromethane	ND	25	20.8	83	25	21.7	87	4	76-123/14
75-27-4	Bromodichloromethane	ND	25	22.3	88	25	22.0	87	1	79-123/19
98-06-6	tert-Butylbenzene	ND	25	24.8	99	25	26.2	105	5	80-133/16
67-66-3	Chloroform	1.9	25	28.0	104	25	27.8	104	1	80-124/15
123-91-1	1,4-Dioxane	9000	E 500	6890	-422* a	500	7090	-382* a	3	48-146/34
64-17-5	Ethyl Alcohol	ND	500	464	93	500	539	108	15	46-145/30
591-78-6	2-Hexanone	ND	125	121	97	125	133	106	9	61-129/18
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	125	120	96	125	130	104	8	66-122/16
1634-04-4	Methyl Tert Butyl Ether	ND	25	19.7	78	25	21.0	83	6	72-117/14
95-63-6	1,2,4-Trimethylbenzene	ND	25	23.9	96	25	24.7	99	3	79-120/18
108-67-8	1,3,5-Trimethylbenzene	ND	25	23.4	94	25	24.3	97	4	79-120/19

CAS No.	Surrogate Recoveries	MS	MSD	FA37767-19	Limits
1868-53-7	Dibromofluoromethane	98%	98%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	99%	101%	79-125%
2037-26-5	Toluene-D8	97%	98%	104%	85-112%
460-00-4	4-Bromofluorobenzene	92%	98%	100%	83-118%

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA37767

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
FA37966-1MS	M90809.D	20	10/22/16	KM	n/a	n/a	VM3872
FA37966-1MSD	M90810.D	20	10/22/16	KM	n/a	n/a	VM3872
FA37966-1	M90802.D	20	10/22/16	KM	n/a	n/a	VM3872

The QC reported here applies to the following samples:

Method: SW846 8260B

FA37767-7, FA37767-14, FA37767-16, FA37767-17

CAS No.	Compound	FA37966-1 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	ND	10000	7980	80	10000	8630	86	8	48-146/34

CAS No.	Surrogate Recoveries	MS	MSD	FA37966-1	Limits
1868-53-7	Dibromofluoromethane	107%	98%	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	92%	100%	79-125%
2037-26-5	Toluene-D8	94%	100%	94%	85-112%
460-00-4	4-Bromofluorobenzene	78%* a	93%	87%	83-118%

(a) Outside control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA37767
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
FA38015-4MS	M90829.D	1	10/24/16	KM	n/a	n/a	VM3873
FA38015-4MSD	M90830.D	1	10/24/16	KM	n/a	n/a	VM3873
FA38015-4	M90828.D	1	10/24/16	KM	n/a	n/a	VM3873

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

FA37767-18, FA37767-19, FA37767-20, FA37767-21, FA37767-22

CAS No.	Compound	FA38015-4 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	200 U	500	433	87	500	371	74	15	48-146/34

CAS No.	Surrogate Recoveries	MS	MSD	FA38015-4	Limits
1868-53-7	Dibromofluoromethane	103%	103%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	90%	85%	79-125%
2037-26-5	Toluene-D8	96%	100%	97%	85-112%
460-00-4	4-Bromofluorobenzene	93%	94%	95%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA37767

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
FA37790-25MS	I43001.D	1	10/24/16	WV	n/a	n/a	VI1163
FA37790-25MSD	I43002.D	1	10/24/16	WV	n/a	n/a	VI1163
FA37790-25	I42996.D	1	10/24/16	WV	n/a	n/a	VI1163

The QC reported here applies to the following samples:

Method: SW846 8260B

FA37767-5, FA37767-8, FA37767-9

CAS No.	Compound	FA37790-25 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	15.9	64*	25	21.4	86	29*	76-123/14
75-27-4	Bromodichloromethane	1.0 U	25	16.8	67*	25	23.2	93	32*	79-123/19
98-06-6	tert-Butylbenzene	1.0 U	25	16.9	68*	25	23.3	93	32*	80-133/16
67-66-3	Chloroform	1.0 U	25	18.0	72*	25	23.1	92	25*	80-124/15
123-91-1	1,4-Dioxane	200 U	500	303	61	500	401	80	28	48-146/34
64-17-5	Ethyl Alcohol	200 U	500	489	98	500	415	83	16	46-145/30
591-78-6	2-Hexanone	10 U	125	91.3	73	125	71.8	57*	24*	61-129/18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0 U	125	92.5	74	125	71.0	57*	26*	66-122/16
1634-04-4	Methyl Tert Butyl Ether	1.0 U	25	14.9	60*	25	19.9	80	29*	72-117/14
95-63-6	1,2,4-Trimethylbenzene	1.0 U	25	17.3	69*	25	23.3	93	30*	79-120/18
108-67-8	1,3,5-Trimethylbenzene	1.0 U	25	17.0	68*	25	23.1	92	30*	79-120/19

CAS No.	Surrogate Recoveries	MS	MSD	FA37790-25	Limits
1868-53-7	Dibromofluoromethane	101%	101%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	110%	103%	104%	79-125%
2037-26-5	Toluene-D8	98%	98%	97%	85-112%
460-00-4	4-Bromofluorobenzene	98%	99%	98%	83-118%

* = Outside of Control Limits.

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Page 1 of 1

Job Number: FA37767

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
OP62310-MB	X049827.D	1	10/21/16	MV	10/19/16	OP62310	SX2147

The QC reported here applies to the following samples:

Method: SW846 8270D

FA37767-1, FA37767-2, FA37767-3, FA37767-4, FA37767-5, FA37767-6, FA37767-7, FA37767-11, FA37767-12, FA37767-13, FA37767-14, FA37767-16, FA37767-17, FA37767-18, FA37767-19, FA37767-20

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Limits
367-12-4	2-Fluorophenol	32% 14-67%
4165-62-2	Phenol-d5	20% 10-50%
118-79-6	2,4,6-Tribromophenol	76% 33-118%
4165-60-0	Nitrobenzene-d5	72% 42-108%
321-60-8	2-Fluorobiphenyl	69% 40-106%
1718-51-0	Terphenyl-d14	76% 39-121%

Method Blank Summary

Page 1 of 1

Job Number: FA37767

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
OP62315-MB	X049847.D	1	10/21/16	MV	10/20/16	OP62315	SX2147

The QC reported here applies to the following samples:

Method: SW846 8270D

FA37767-8, FA37767-9, FA37767-10, FA37767-15, FA37767-21, FA37767-22, FA37767-23, FA37767-24, FA37767-25

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	50	10	ug/l	
	3&4-Methylphenol	ND	5.0	1.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.56	ug/l	

CAS No.	Surrogate Recoveries	Limits
367-12-4	2-Fluorophenol	44% 14-67%
4165-62-2	Phenol-d5	31% 10-50%
118-79-6	2,4,6-Tribromophenol	69% 33-118%
4165-60-0	Nitrobenzene-d5	69% 42-108%
321-60-8	2-Fluorobiphenyl	68% 40-106%
1718-51-0	Terphenyl-d14	70% 39-121%

Blank Spike Summary

Page 1 of 1

Job Number: FA37767

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
OP62310-BS	X049826.D	1	10/21/16	MV	10/19/16	OP62310	SX2147

The QC reported here applies to the following samples:

Method: SW846 8270D

FA37767-1, FA37767-2, FA37767-3, FA37767-4, FA37767-5, FA37767-6, FA37767-7, FA37767-11, FA37767-12, FA37767-13, FA37767-14, FA37767-16, FA37767-17, FA37767-18, FA37767-19, FA37767-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	ND	2*	10-69
	3&4-Methylphenol	100	41.7	42	36-88
100-51-6	Benzyl Alcohol	50	24.9	50	46-94

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	33%	14-67%
4165-62-2	Phenol-d5	21%	10-50%
118-79-6	2,4,6-Tribromophenol	79%	33-118%
4165-60-0	Nitrobenzene-d5	74%	42-108%
321-60-8	2-Fluorobiphenyl	76%	40-106%
1718-51-0	Terphenyl-d14	78%	39-121%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: FA37767

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
OP62315-BS	X049846.D	1	10/21/16	MV	10/20/16	OP62315	SX2147

The QC reported here applies to the following samples:

Method: SW846 8270D

FA37767-8, FA37767-9, FA37767-10, FA37767-15, FA37767-21, FA37767-22, FA37767-23, FA37767-24, FA37767-25

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	26.1	26	10-69
	3&4-Methylphenol	100	52.6	53	36-88
100-51-6	Benzyl Alcohol	50	28.7	57	46-94

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	46%	14-67%
4165-62-2	Phenol-d5	32%	10-50%
118-79-6	2,4,6-Tribromophenol	79%	33-118%
4165-60-0	Nitrobenzene-d5	75%	42-108%
321-60-8	2-Fluorobiphenyl	78%	40-106%
1718-51-0	Terphenyl-d14	77%	39-121%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA37767

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
OP62310-MS	X049829.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
OP62310-MSD	X049830.D	1	10/21/16	MV	10/19/16	OP62310	SX2147
FA37767-6 ^a	X049828.D	1	10/21/16	MV	10/19/16	OP62310	SX2147

The QC reported here applies to the following samples:

Method: SW846 8270D

FA37767-1, FA37767-2, FA37767-3, FA37767-4, FA37767-5, FA37767-6, FA37767-7, FA37767-11, FA37767-12, FA37767-13, FA37767-14, FA37767-16, FA37767-17, FA37767-18, FA37767-19, FA37767-20

CAS No.	Compound	FA37767-6 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	196	ND	0*	196	ND	0*	nc	10-69/39
	3&4-Methylphenol	ND	196	109	56	196	107	55	2	36-88/28
100-51-6	Benzyl Alcohol	ND	98	64.5	66	98	64.5	66	0	46-94/27

CAS No.	Surrogate Recoveries	MS	MSD	FA37767-6	Limits
367-12-4	2-Fluorophenol	54%	52%	16%	14-67%
4165-62-2	Phenol-d5	45%	44%	12%	10-50%
118-79-6	2,4,6-Tribromophenol	74%	75%	36%	33-118%
4165-60-0	Nitrobenzene-d5	71%	70%	65%	42-108%
321-60-8	2-Fluorobiphenyl	76%	76%	64%	40-106%
1718-51-0	Terphenyl-d14	76%	75%	61%	39-121%

(a) Sample extracted beyond hold time.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA37767

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
OP62315-MS	X049849.D	1	10/21/16	MV	10/20/16	OP62315	SX2147
OP62315-MSD	X049850.D	1	10/21/16	MV	10/20/16	OP62315	SX2147
FA37767-25	X049848.D	1	10/21/16	MV	10/20/16	OP62315	SX2147

The QC reported here applies to the following samples:

Method: SW846 8270D

FA37767-8, FA37767-9, FA37767-10, FA37767-15, FA37767-21, FA37767-22, FA37767-23, FA37767-24, FA37767-25

CAS No.	Compound	FA37767-25 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	200	91.7	46	200	71.1	36	25	10-69/39
	3&4-Methylphenol	ND	200	27.7	14*	200	23.3	12*	17	36-88/28
100-51-6	Benzyl Alcohol	ND	100	63.9	64	100	56.9	57	12	46-94/27

CAS No.	Surrogate Recoveries	MS	MSD	FA37767-25	Limits
367-12-4	2-Fluorophenol	57%	47%	41%	14-67%
4165-62-2	Phenol-d5	46%	36%	13%	10-50%
118-79-6	2,4,6-Tribromophenol	77%	71%	69%	33-118%
4165-60-0	Nitrobenzene-d5	74%	67%	76%	42-108%
321-60-8	2-Fluorobiphenyl	76%	70%	77%	40-106%
1718-51-0	Terphenyl-d14	78%	72%	77%	39-121%

* = Outside of Control Limits.

Metals Analysis

QC Data Summaries

7

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FA37767
Account: PILOTSS - Pilot Travel Centers LLC
Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31014
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/20/16 10/20/16

Metal	RL	IDL	MDL	MB raw	final	MB raw	final
Aluminum	200	14	14				
Antimony	6.0	1	1				
Arsenic	10	1.3	1.3				
Barium	200	1	1	0.30	<200		
Beryllium	4.0	.2	.2				
Cadmium	5.0	.2	.2				
Calcium	1000	50	50				
Chromium	10	1	1				
Cobalt	50	.2	.2	0.0	<50	0.60	<50
Copper	25	1	1				
Iron	300	17	17				
Lead	5.0	1	1.1	0.10	<5.0	0.30	<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 MP31014: FA37767-15, FA37767-1F, FA37767-2F, FA37767-3F, FA37767-4F, FA37767-5F, FA37767-6F, FA37767-7F, FA37767-8F, FA37767-10F, FA37767-11F, FA37767-12F, FA37767-13F, FA37767-14F, FA37767-15F, FA37767-18F, FA37767-20F, FA37767-23F, FA37767-24F, FA37767-25F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31014
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16 10/20/16

Metal	FA37767-2F Original	DUP	RPD	QC Limits	FA37767-2F Original MS	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic								
Barium	36.3	37.0	1.9	0-20	36.3	2080	2000	102.2 80-120
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt	1.5	1.4	6.9	0-20	1.5	484	500	96.5 80-120
Copper								
Iron								
Lead	0.0	0.0	NC	0-20	0.0	482	500	96.4 80-120
Magnesium								
Manganese								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Strontium								
Thallium								
Tin								
Titanium								
Vanadium								
Zinc								

Associated samples MP31014: FA37767-15, FA37767-1F, FA37767-2F, FA37767-3F, FA37767-4F, FA37767-5F, FA37767-6F, FA37767-7F, FA37767-8F, FA37767-10F, FA37767-11F, FA37767-12F, FA37767-13F, FA37767-14F, FA37767-15F, FA37767-18F, FA37767-20F, FA37767-23F, FA37767-24F, FA37767-25F

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31014
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16

Metal	FA37767-2F Original MSD		SpikeLot MPFLICP2 % Rec		MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium	36.3	2100	2000	103.2	1.0	20
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt	1.5	488	500	97.3	0.8	20
Copper						
Iron						
Lead	0.0	484	500	96.8	0.4	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc						

Associated samples MP31014: FA37767-15, FA37767-1F, FA37767-2F, FA37767-3F, FA37767-4F, FA37767-5F, FA37767-6F, FA37767-7F, FA37767-8F, FA37767-10F, FA37767-11F, FA37767-12F, FA37767-13F, FA37767-14F, FA37767-15F, FA37767-18F, FA37767-20F, FA37767-23F, FA37767-24F, FA37767-25F

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31014
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16

Metal	BSP Result	SpikeLot MPFLICP2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium	2020	2000	101.0	80-120
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt	482	500	96.4	80-120
Copper				
Iron				
Lead	470	500	94.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP31014: FA37767-15, FA37767-1F, FA37767-2F, FA37767-3F, FA37767-4F, FA37767-5F, FA37767-6F, FA37767-7F, FA37767-8F, FA37767-10F, FA37767-11F, FA37767-12F, FA37767-13F, FA37767-14F, FA37767-15F, FA37767-18F, FA37767-20F, FA37767-23F, FA37767-24F, FA37767-25F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31014
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16

Metal	FA37767-2F Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium	36.3	37.3	2.8	0-10
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt	1.50	1.50	0.0	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 MP31014: FA37767-15, FA37767-1F, FA37767-2F, FA37767-3F, FA37767-4F, FA37767-5F, FA37767-6F, FA37767-7F, FA37767-8F, FA37767-10F, FA37767-11F, FA37767-12F, FA37767-13F, FA37767-14F, FA37767-15F, FA37767-18F, FA37767-20F, FA37767-23F, FA37767-24F, FA37767-25F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

POST DIGESTATE SPIKE SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31014
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date:

10/20/16

Metal	Sample ml	Final ml	FA37767-2F Raw	FA37767-2F Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium	9.8	10	36.3	35.574	317	0.2	12.5	250	112.6	80-120
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt	9.8	10	1.5	1.47	55.1	0.2	2.5	50	107.3	80-120
Copper										
Iron										
Lead	9.8	10			50.5	0.2	2.5	50	101.0	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP31014: FA37767-15, FA37767-1F, FA37767-2F, FA37767-3F, FA37767-4F, FA37767-5F, FA37767-6F, FA37767-7F, FA37767-8F, FA37767-10F, FA37767-11F, FA37767-12F, FA37767-13F, FA37767-14F, FA37767-15F, FA37767-18F, FA37767-20F, FA37767-23F, FA37767-24F, FA37767-25F

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FA37767
Account: PILOTSS - Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31015
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/20/16 10/20/16

Metal	RL	IDL	MDL	MB raw	final	MB raw	final
Aluminum	200	14	14				
Antimony	6.0	1	1				
Arsenic	10	1.3	1.3				
Barium	200	1	1	-0.40	<200	-0.50	<200
Beryllium	4.0	.2	.2				
Cadmium	5.0	.2	.2				
Calcium	1000	50	50				
Chromium	10	1	1				
Cobalt	50	.2	.2	-0.30	<50	-0.20	<50
Copper	25	1	1				
Iron	300	17	17				
Lead	5.0	1	1.1	0.0	<5.0	0.20	<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 MP31015: FA37767-1, FA37767-2, FA37767-3, FA37767-4, FA37767-5, FA37767-6, FA37767-7, FA37767-8, FA37767-9, FA37767-10, FA37767-11, FA37767-12, FA37767-13, FA37767-14, FA37767-9F, FA37767-16F, FA37767-17F, FA37767-19F, FA37767-21F, FA37767-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31015
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16 10/20/16

Metal	FA37767-14 Original	DUP	RPD	QC Limits	FA37767-14 Original MS	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic								
Barium	40.2	39.8	1.0	0-20	40.2	2200	2000	108.0 80-120
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt	3.6	3.6	0.0	0-20	3.6	519	500	103.1 80-120
Copper								
Iron								
Lead	0.0	0.0	NC	0-20	0.0	481	500	96.2 80-120
Magnesium								
Manganese								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Strontium								
Thallium								
Tin								
Titanium								
Vanadium								
Zinc								

Associated samples MP31015: FA37767-1, FA37767-2, FA37767-3, FA37767-4, FA37767-5, FA37767-6, FA37767-7, FA37767-8, FA37767-9, FA37767-10, FA37767-11, FA37767-12, FA37767-13, FA37767-14, FA37767-9F, FA37767-16F, FA37767-17F, FA37767-19F, FA37767-21F, FA37767-22F

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31015
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16

Metal	FA37767-14 Original MSD		SpikeLot MPFLICP2 % Rec		MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium	40.2	2230	2000	109.5	1.4	20
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt	3.6	530	500	105.3	2.1	20
Copper						
Iron						
Lead	0.0	492	500	98.4	2.3	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc						

Associated samples MP31015: FA37767-1, FA37767-2, FA37767-3, FA37767-4, FA37767-5, FA37767-6, FA37767-7, FA37767-8, FA37767-9, FA37767-10, FA37767-11, FA37767-12, FA37767-13, FA37767-14, FA37767-9F, FA37767-16F, FA37767-17F, FA37767-19F, FA37767-21F, FA37767-22F

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31015
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16

Metal	BSP Result	SpikeLot MPFLICP2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium	2160	2000	108.0	80-120
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt	518	500	103.6	80-120
Copper				
Iron				
Lead	482	500	96.4	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP31015: FA37767-1, FA37767-2, FA37767-3, FA37767-4, FA37767-5, FA37767-6, FA37767-7, FA37767-8, FA37767-9, FA37767-10, FA37767-11, FA37767-12, FA37767-13, FA37767-14, FA37767-9F, FA37767-16F, FA37767-17F, FA37767-19F, FA37767-21F, FA37767-22F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31015
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16

Metal	FA37767-14 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium	40.2	37.0	8.0	0-10
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt	3.60	3.00	16.7 (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 MP31015: FA37767-1, FA37767-2, FA37767-3, FA37767-4, FA37767-5, FA37767-6, FA37767-7, FA37767-8, FA37767-9, FA37767-10, FA37767-11, FA37767-12, FA37767-13, FA37767-14, FA37767-9F, FA37767-16F, FA37767-17F, FA37767-19F, FA37767-21F, FA37767-22F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31015
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date:

10/20/16

Metal	Sample ml	Final ml	FA37767-14 Raw	FA37767-14 Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium	9.8	10	40.2	39.396	331.3	0.2	12.5	250	116.8	80-120
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt	9.8	10	3.6	3.528	59.8	0.2	2.5	50	112.5	80-120
Copper										
Iron										
Lead	9.8	10			49.9	0.2	2.5	50	99.8	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP31015: FA37767-1, FA37767-2, FA37767-3, FA37767-4, FA37767-5, FA37767-6, FA37767-7, FA37767-8, FA37767-9, FA37767-10, FA37767-11, FA37767-12, FA37767-13, FA37767-14, FA37767-9F, FA37767-16F, FA37767-17F, FA37767-19F, FA37767-21F, FA37767-22F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (**) Corr. sample result = Raw * (sample volume / final volume)
 (anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FA37767
Account: PILOTSS - Pilot Travel Centers LLC
Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31016
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/20/16 10/20/16

Metal	RL	IDL	MDL	MB raw	final	MB raw	final
Aluminum	200	14	14				
Antimony	6.0	1	1				
Arsenic	10	1.3	1.3				
Barium	200	1	1	-0.40	<200	0.10	<200
Beryllium	4.0	.2	.2				
Cadmium	5.0	.2	.2				
Calcium	1000	50	50				
Chromium	10	1	1				
Cobalt	50	.2	.2	-0.20	<50	-0.10	<50
Copper	25	1	1				
Iron	300	17	17				
Lead	5.0	1	1.1	-0.20	<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 MP31016: FA37767-16, FA37767-17, FA37767-21, FA37767-22, FA37767-23, FA37767-24, FA37767-25

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31016
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16 10/20/16

Metal	FA37890-1 Original	DUP	RPD	QC Limits	FA37890-1 Original MS	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum	anr							
Antimony	anr							
Arsenic	anr							
Barium	99.3	95.2	4.2	0-20	99.3	2260	2000	108.0 80-120
Beryllium	anr							
Cadmium	anr							
Calcium	anr							
Chromium	anr							
Cobalt	0.0	0.0	NC	0-20	0.0	504	500	100.8 80-120
Copper	anr							
Iron	anr							
Lead	0.0	0.0	NC	0-20	0.0	477	500	95.4 80-120
Magnesium	anr							
Manganese	anr							
Molybdenum								
Nickel	anr							
Potassium	anr							
Selenium	anr							
Silver								
Sodium	anr							
Strontium								
Thallium								
Tin								
Titanium								
Vanadium	anr							
Zinc	anr							

Associated samples MP31016: FA37767-16, FA37767-17, FA37767-21, FA37767-22, FA37767-23, FA37767-24, FA37767-25

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31016
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16

Metal	FA37890-1 Original MSD	Spikelet MPFLICP2 % Rec			MSD RPD	QC Limit
Aluminum	anr					
Antimony	anr					
Arsenic	anr					
Barium	99.3	2280	2000	109.0	0.9	20
Beryllium	anr					
Cadmium	anr					
Calcium	anr					
Chromium	anr					
Cobalt	0.0	506	500	101.2	0.4	20
Copper	anr					
Iron	anr					
Lead	0.0	478	500	95.6	0.2	20
Magnesium	anr					
Manganese	anr					
Molybdenum						
Nickel	anr					
Potassium	anr					
Selenium	anr					
Silver						
Sodium	anr					
Strontium						
Thallium						
Tin						
Titanium						
Vanadium	anr					
Zinc	anr					

Associated samples MP31016: FA37767-16, FA37767-17, FA37767-21, FA37767-22, FA37767-23, FA37767-24, FA37767-25

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31016
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16

Metal	BSP Result	SpikeLot MPFLICP2	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	2120	2000	106.0	80-120
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	521	500	104.2	80-120
Copper	anr			
Iron	anr			
Lead	486	500	97.2	80-120
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Potassium	anr			
Selenium	anr			
Silver				
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Vanadium	anr			
Zinc	anr			

Associated samples MP31016: FA37767-16, FA37767-17, FA37767-21, FA37767-22, FA37767-23, FA37767-24, FA37767-25

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31016
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16

Metal	FA37890-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	99.3	95.9	3.4	0-10
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	0.00	0.00	NC	0-10
Copper	anr			
Iron	anr			
Lead	0.00	0.00	NC	0-10
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Potassium	anr			
Selenium	anr			
Silver				
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Vanadium	anr			
Zinc	anr			

Associated samples MP31016: FA37767-16, FA37767-17, FA37767-21, FA37767-22, FA37767-23, FA37767-24, FA37767-25

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

POST DIGESTATE SPIKE SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31016
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16

Metal	Sample ml	Final ml	FA37890-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium	9.8	10	99.3	97.314	392.2	0.2	12.5	250	118.0	80-120
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt	9.8	10			55.3	0.2	2.5	50	110.6	80-120
Copper										
Iron										
Lead	9.8	10			48.6	0.2	2.5	50	97.2	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP31016: FA37767-16, FA37767-17, FA37767-21, FA37767-22, FA37767-23, FA37767-24, FA37767-25

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (**) Corr. sample result = Raw * (sample volume / final volume)
 (anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FA37767
Account: PILOTSS - Pilot Travel Centers LLC
Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31019
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/20/16

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	0.20	<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 MP31019: FA37767-18, FA37767-19, FA37767-20

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31019
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16 10/20/16

Metal	FA37899-1 Original DUP		RPD	QC Limits	FA37899-1 Original MS		Spikelot MPFLICP2 % Rec		QC Limits
Aluminum									
Antimony									
Arsenic	anr								
Barium	13.6	13.1	3.7	0-20	13.6	1990	2000	98.8	80-120
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt	0.0	0.0	NC	0-20	0.0	475	500	95.0	80-120
Copper									
Iron	anr								
Lead	0.0	0.0	NC	0-20	0.0	461	500	92.2	80-120
Magnesium									
Manganese	anr								
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

Associated samples MP31019: FA37767-18, FA37767-19, FA37767-20

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31019
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16

Metal	FA37899-1 Original	MSD	SpikeLot MPFLICP2 % Rec	MSD RPD	QC Limit
Aluminum					
Antimony					
Arsenic	anr				
Barium	13.6	2060	2000	102.3	3.5
Beryllium					20
Cadmium					
Calcium					
Chromium					
Cobalt	0.0	495	500	99.0	4.1
Copper					20
Iron	anr				
Lead	0.0	483	500	96.6	4.7
Magnesium					20
Manganese	anr				
Molybdenum					
Nickel					
Potassium					
Selenium					
Silver					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Vanadium					
Zinc					

Associated samples MP31019: FA37767-18, FA37767-19, FA37767-20

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31019
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16

Metal	BSP Result	SpikeLot MPFLICP2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium	2050	2000	102.5	80-120
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt	506	500	101.2	80-120
Copper				
Iron	anr			
Lead	487	500	97.4	80-120
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP31019: FA37767-18, FA37767-19, FA37767-20

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: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31019
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/20/16

Metal	FA37899-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium	13.6	14.1	3.7	0-10
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt	0.00	0.00	NC	0-10
Copper				
Iron	anr			
Lead	0.00	0.00	NC	0-10
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP31019: FA37767-18, FA37767-19, FA37767-20

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

7.4.4

7

POST DIGESTATE SPIKE SUMMARY

Login Number: FA37767
 Account: PILOTSS - Pilot Travel Centers LLC
 Project: PSGAW0: Pilot 069; Whitesville Rd, LaGrange, GA

QC Batch ID: MP31019
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date:

10/20/16

Metal	Sample ml	Final ml	FA37899-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium	9.8	10	13.6	13.328	296.8	0.2	12.5	250	113.4	80-120
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt	9.8	10			54.9	0.2	2.5	50	109.8	80-120
Copper										
Iron										
Lead	9.8	10			51	0.2	2.5	50	102.0	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP31019: FA37767-18, FA37767-19, FA37767-20

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

Technical Report for

Pilot Travel Centers LLC

PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA

27.222188.00

SGS Accutest Job Number: FA38405

Sampling Date: 11/02/16



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: 17



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.

Table of Contents

Sections:

1

2

3

4

5

-1-

Section 1: Sample Summary	3
Section 2: Summary of Hits	4
Section 3: Sample Results	5
3.1: FA38405-1: SW-1	6
3.2: FA38405-2: SW-2	7
3.3: FA38405-3: SW-3	8
3.4: FA38405-4: SW-4	9
Section 4: Misc. Forms	10
4.1: Chain of Custody	11
Section 5: GC/MS Volatiles - QC Data Summaries	14
5.1: Method Blank Summary	15
5.2: Blank Spike Summary	16
5.3: Matrix Spike/Matrix Spike Duplicate Summary	17



Sample Summary

Pilot Travel Centers LLC

Job No: FA38405

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA38405-1	11/02/16	13:00 RW	11/03/16	AQ	Surface Water	SW-1
FA38405-2	11/02/16	13:10 RW	11/03/16	AQ	Surface Water	SW-2
FA38405-3	11/02/16	13:20 RW	11/03/16	AQ	Surface Water	SW-3
FA38405-4	11/02/16	13:30 RW	11/03/16	AQ	Surface Water	SW-4

Summary of Hits

Job Number: FA38405
Account: Pilot Travel Centers LLC
Project: PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA
Collected: 11/02/16

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

FA38405-1 SW-1

No hits reported in this sample.

FA38405-2 SW-2

No hits reported in this sample.

FA38405-3 SW-3

No hits reported in this sample.

FA38405-4 SW-4

No hits reported in this sample.



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SW-1						
Lab Sample ID:	FA38405-1					Date Sampled:	11/02/16
Matrix:	AQ - Surface Water					Date Received:	11/03/16
Method:	SW846 8260B BY SIM					Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z43103.D	1	11/05/16	MM	n/a	n/a	VZ1622
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%		74-125%
2037-26-5	Toluene-D8	106%		88-111%

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

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

Report of Analysis

Client Sample ID:	SW-2	Date Sampled:	11/02/16
Lab Sample ID:	FA38405-2	Date Received:	11/03/16
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260B BY SIM		
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z43104.D	1	11/05/16	MM	n/a	n/a	VZ1622
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

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

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

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

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

Report of Analysis

Client Sample ID:	SW-3						
Lab Sample ID:	FA38405-3					Date Sampled:	11/02/16
Matrix:	AQ - Surface Water					Date Received:	11/03/16
Method:	SW846 8260B BY SIM					Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z43105.D	1	11/05/16	MM	n/a	n/a	VZ1622
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

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

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

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

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

Report of Analysis

Client Sample ID:	SW-4						
Lab Sample ID:	FA38405-4					Date Sampled:	11/02/16
Matrix:	AQ - Surface Water					Date Received:	11/03/16
Method:	SW846 8260B BY SIM					Percent Solids:	n/a
Project:	PSGAWO: Pilot 069; Whitesville Rd, LaGrange, GA						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z43106.D	1	11/05/16	MM	n/a	n/a	VZ1622
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	0.30	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	104%		88-111%

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

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



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY
4405 Vineland Rd., Suite C15
Orlando, FL 32811
407.425.6700, Fax 407.425.0707

Accutest Job #:

Accutest Control #:

FA38405

Client Information		Facility Information		Analytical Information									
Name ENVIRONMENTAL COMPLIANCE SERVICES, INC.		Project Name PT-69		1,4Dioxane									
Address 9874 MAIN ST., STE 100		Location Langrange GA											
City WOODSTOCK, GA 30188		Project No.											
Report to: email: risteve@ecsconsult.com		FAX #:											
Phone #: 770-926-8883, ext 146													
Field ID / Point of Collection	Collection		Sampled By	Matrix	# of bottles	Preservation				X	X	X	X
	Date	Time				YUC	NaOH	NaOCl	Refrigerator				
SW-1	11/2/16	1300	RW	SW	3								
SW-2	11/2/16	1310	RW	SW	3								
SW-3	11/2/16	1320	RW	SW	2								
SW-4	11/2/16	1330	RW	SW	3								
Turnaround Information		Data Deliverable Information		Comments / Remarks									
☐ 14 Day Standard ☐ 7 days ☐ 24 hr. ☐ Other (Days) RUSH TAT is for FAX data Data unless previously approved.		Approved By: _____ ☐ NJ Reduced ☐ NJ Full ☐ FULL CLP ☐ Disk Deliverable ☐ Other (Specify)		☐ Commercial "A" ☐ Commercial "B" ☐ ASP Category B ☐ 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	11/2/16 16:00	FX	2	11-3-16	J. CORRE (AAR) 09:15								
Relinquished by Sampler:	Date/Time:	Received by:	Relinquished by:	Date/Time:	Received by:								
3		3	4										
Relinquished by Sampler:	Date/Time:	Received by:	Relinquished by:	Date/Time:	Received by:								
5		5	Seal #	Preserved where applicable	On ice:								
						3.4							

FA38405: Chain of Custody

Page 1 of 3



SGS ACCUTEST - ORLANDO SAMPLE RECEIPT CONFIRMATION

SGS ACCUTEST'S JOB NUMBER: FA38405 CLIENT: ECS PROJECT: PT-69
 DATE/TIME RECEIVED: 11-3-16 09:15 [MM/DD/YY 24:00] NUMBER OF COOLERS RECEIVED: 1
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: 1
 AIRBILL NUMBERS: 8027 2510 5149

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: 3.8
- ☐ CORRECTED TEMPS: 3.4 (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 de 11-3-16

REVIEWER SIGNATURE/DATE LD 11-3-16

NF 02/16

receipt confirmation 020116.xls

FA38405: Chain of Custody

Page 2 of 3

TRK# 8027 2510 5149
0215
THU - 03 NOV 3:00P
STANDARD OVERNIGHT
XH ORLA
32811
FL-US MCO



4.1
4



GC/MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: FA38405
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
VZ1622-MB	Z43096.D	1	11/05/16	MM	n/a	n/a	VZ1622

The QC reported here applies to the following samples: Method: SW846 8260B BY SIM
FA38405-1, FA38405-2, FA38405-3, FA38405-4

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	100% 74-125%
2037-26-5	Toluene-D8	104% 88-111%

Blank Spike Summary

Page 1 of 1

Job Number: FA38405

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
VZ1622-BS	Z43095.D	1	11/05/16	MM	n/a	n/a	VZ1622

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA38405-1, FA38405-2, FA38405-3, FA38405-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	20	23.9	120	65-121

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	100%	74-125%
2037-26-5	Toluene-D8	105%	88-111%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FA38405

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
FA38403-2MS	Z43107.D	1	11/05/16	MM	n/a	n/a	VZ1622
FA38403-2MSD	Z43108.D	1	11/05/16	MM	n/a	n/a	VZ1622
FA38403-2 ^a	Z43101.D	1	11/05/16	MM	n/a	n/a	VZ1622

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

FA38405-1, FA38405-2, FA38405-3, FA38405-4

CAS No.	Compound	FA38403-2 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	1.0 U	20	19.0	95	20	24.4	122*	25	65-121/27

CAS No.	Surrogate Recoveries	MS	MSD	FA38403-2	Limits
17060-07-0	1,2-Dichloroethane-D4	103%	104%	99%	74-125%
2037-26-5	Toluene-D8	107%	106%	107%	88-111%

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

* = Outside of Control Limits.