Antea USA of North Carolina, Inc.
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Charlotte, North Carolina 28277 USA
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June 7, 2016

Ms. Liz Price
North Carolina Department of Environmental Quality
Division of Waste Management
Underground Storage Tank Section
127 N. Cardinal Drive
Wilmington, North Carolina 28405

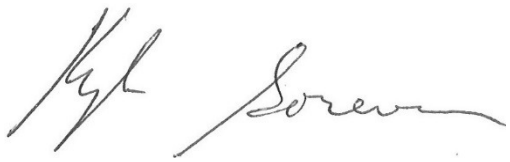
Subject: **UST Closure Report**
GPM 3035 (Scotchman #35)
Wilmington, New Hanover County, North Carolina
Incident Nos. 32152 and 43012

Dear Ms. Price:

Attached please find the *UST Closure Report* for the above referenced facility. If you have any questions please feel free to contact me at (704) 324-7045.

Sincerely,

Antea USA of North Carolina, Inc.,



Kyle Sorensen
Project Manager

cc: Mr. Rolfe Lann – Director of Environmental; GPM Southeast, LLC

Underground Storage Tank Closure Report

GPM 3035 (Scotchman 35)
Wilmington, New Hanover County, North Carolina
Incident No. 32152

Antea USA of NC Project No. NC30351601
June 7, 2016

Prepared for:
GPM Southeast, LLC
8565 Magellan
Parkway, Suite 400
Richmond, VA 23227
+1 804 730 1568

Prepared by:
Antea USA of North Carolina, Inc.
3530 Toringdon Way, Suite 106
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Underground Storage Tank Closure Report

Site Name: GPM 3035 (Scotchman #35)
7162 Market Street
Wilmington, New Hanover County, North Carolina
Facility I.D.: 0-020168 **UST Incident Numbers:** 43012
Risk Rank: High (H287A)
Latitude: 34.271944N **Longitude:** -77.818889W **Source:** Google

UST Owner and Operator: GPM Southeast, LLC
8565 Magellan Parkway, Suite 400
Richmond, VA 23227
+1 804 730 1568

Property Owner: RI CS5, LLC
600 LA Terraza Blvd
Escondido, California

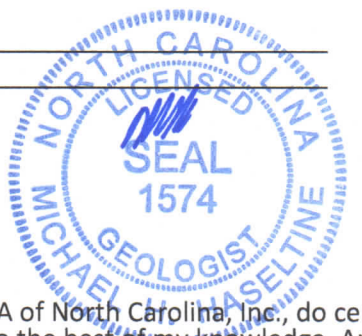
Property Occupant: GPM 3035
7162 Market Street
Wilmington, North Carolina

Consultant: Antea USA of North Carolina, Inc.
3530 Toringdon Way, Suite 106
Charlotte, North Carolina 28277
+1 704 543 3911

Analytical Laboratory: FTS Analytical Services
Address: 6107 Financial Drive, Norcross, Georgia 30071
+1 770 449-8800

State Certification No. 483

Release Information
Date Discovered: November 6, 2015
Estimated Quantity of Release: Undetermined
Cause of Release: UST systems
Source of Release: Gasoline UST systems
UST Information: Gasoline UST systems (UST #3)



I, Michael H. Haseltine, a Professional Geologist for Antea USA of North Carolina, Inc., do certify that the information contained in this report is correct and accurate to the best of my knowledge. Antea USA of North Carolina, Inc. is licensed to practice geology, certification number C-110 in North Carolina.

Table of Contents

Tables

Figures

Appendices

Table of Contents (continued)

Underground Storage Tank Closure Report

GPM 3035 (Scotchman 35)
Wilmington, New Hanover County, North Carolina
Incident No. 43012

1.0 BACKGROUND INFORMATION

1.1 Site Location

The GPM Southeast, LLC (GPM) 3035 facility, and herein referred to as the site (formerly referred to as Scotchman 35), is located at 7162 Market Street, Wilmington, New Hanover County, North Carolina. **Figure 1** is a topographic vicinity map of the surrounding area and **Figure 2** is a site map depicting pertinent structures. The New Hanover County GIS records indicate the property is owned by RI CS5, LLC although New Hanover County Register of Deeds database has revealed the NCDOT has taken or will take ownership of the property. The site is no longer used as a convenience store. The history of former underground storage tank systems (USTs) is summarized in **Table 1**.

1.2 Site History

On and around May 24, 2004, impacted soil was documented through laboratory analysis during activities related to the in-place closure of the diesel UST system. The consultant at the time, SEI Engineering & Geological Services, P.C. (SEI), completed and submitted the UST form *24-Hour Release and UST Leak Reporting Form* to the North Carolina Department of Environment and Natural Resources (now the North Carolina Department of Environmental Quality [NCDEQ]). UST closure activities conducted in 2004 included the advancement of eight soil borings and the concurrent collection of eight soil samples, SB-1 through SB-8. Documentation of the in-place closure was provided in an *Underground Storage Tank Closure Report,* dated June 15, 2004, which was submitted to the NCDEQ Wilmington Regional Office (WiRO) by SEI.

In 2004 SEI provided oversight of the installation of four shallow groundwater monitoring wells (i.e. MW-1, MW-3, MW-4, MW-5) and one telescoping monitoring well (MW-2). The results of these assessment activities were provided in a *Limited Site Assessment (LSA) Report*, dated December 29, 2004.

In a *Notice of Regulatory Requirements (NORR)*, dated January 3, 2007, the NCDEQ classified the site as High Risk - H287A and requested the completion of a Comprehensive Site Assessment (CSA). The *high-risk* classification was assigned due to the presence of water supply wells located within 1,000 feet of the confirmed release area.

As part of CSA activities in September 2007, Environmental Services and Solutions, PLLC (ESS) supervised and/or advanced soil borings (SB-1, SB-1B, SB-2, SB-3, SB-3B, SB-4 through SB-14, and SB-14B) and subsequently collected samples from 14 discrete locations. Laboratory analyses of soil samples collected from the borings SS-1, SB-1B, SB-

2, SB-4, SB-5, SB-6, SB-9, and SB-13 identified the presence of petroleum-related compounds in excess of Soil-to-Water Maximum Soil Contamination Concentrations (STW-MSCC's). In addition, ESS personnel directed the installation of six Type II monitoring wells (i.e. MW-6 through MW-11). Laboratory analyses of groundwater sampled from monitoring wells MW-1, MW-3, MW-4, and MW-5 identified dissolved petroleum-related compounds above their respective standards, as specified within Title 15A of the North Carolina Administrative Code, Chapter 2, Subchapter 2L, Section .0202 (2L Standards). On May 16, 2008, ESS submitted the results of these activities in a *CSA Report*.

In a *NORR*, dated September 2, 2008, the NCDEQ requested submittal of a *Corrective Action Plan Report (CAP)*. On May 11, 2009 ESS submitted a *CAP* recommending the installation and operation of soil vapor extraction (SVE) and air sparging (AS) remedial systems to achieve site remediation. The *CAP* was approved by the NCDEQ in correspondence dated June 17, 2009.

ESS provided oversight of the remedial system well installations from August 24 to August 26, 2009. The remedial systems were installed in the fall of 2009 and the system was activated on December 1, 2009. The AS system was shut-down on November 15, 2011, following malfunction of the AS compressor. The SVE system was shut-down on November 29, 2011 pending groundwater sampling. Laboratory results of groundwater samples collected on December 6, 2011 and June 26, 2012 did not indicate petroleum compounds in excess of 2L Standards.

In preparation of site closure confirmatory soil samples were collected by ESS on December 19, 2012. ESS supervised the advancement of seven soil borings. Four samples were collected from each soil boring at depths of one-foot, three-feet, six to eight feet, and eight to ten feet below ground surface (bgs). The twenty eight samples were field-screened using an RKI Instruments Eagle vapor analyzer. Based upon field observations and field screening results, four samples (i.e. SS-1, SS-2, SS-3, and SS-4) were selected from discrete soil borings for risk-based laboratory analyses. The laboratory reports indicated the presence of specific compounds as well as Massachusetts Department of Environmental Protection (MADEP) methods for volatile petroleum hydrocarbons (VPH) and extractable petroleum hydrocarbons (EPH) above the STW-MSCC's. MADEP Methods for VPH and EPH exceeded the STW-MSCC's in sample SS-1. MADEP Methods for VPH exceeded STW-MSCC's and EPH exceeded Residential MSCC's in sample SS-2.

On December 20, 2012 a comprehensive groundwater sampling event was conducted and samples submitted for risk-based analyses. Benzene as well as MADEP Method VPH C_5-C_8 Aliphatics exceeded 2L Standards in samples from well MW-5. Naphthalene was present slightly above 2L Standards in samples from well MW-7. The laboratory results also indicated the presence of bis (2-ethylhexyl) phthalate slightly above 2L Standards in samples from well MW-2. Results of the soil sampling and groundwater sampling conducted in December 2012 have been provided in an *Active Remediation Monitoring Report* (*ARMR*) dated January 8, 2013.

In correspondence dated January 31, 2013 the NCDEQ requested restart of the remediation systems and semi-annual groundwater sampling. The air compressor was rebuilt and reinstalled in 2013 but failed shortly thereafter. The air compressor was reshipped to the repair shop for assessment and reinstalled for the second time. During routine maintenance on November 26, 2013 the air compressor was found inoperable again. Between December 4 and 18, 2013, ESS, with the assistance of an electrician, removed the air compressor and replaced it with the compressor from the former Scotchman #14 remediation system. On December 18, 2013 ESS personnel restarted the AS and SVE systems and conducted operation and maintenance through January 16, 2014.

Based upon anticipated future site reconstruction due to a North Carolina Department of Transportation (NCDOT) road widening project, the NCDEQ requested postponement of reactivation of the remedial systems and completion of a comprehensive groundwater sampling event in an e-mail dated May 11, 2015.

Free product was encountered by Antea USA of North Carolina (Antea USA of NC) personnel in monitoring well MW-5 during the comprehensive groundwater sampling event on October 23, 2015. On November 6, 2015, the premium gasoline UST failed tank tightness testing and the system was taken out of service. The NCDEQ has assigned Incident number 43012 to this new release. The NCDEQ requested completion of initial abatement actions in a NORR dated November 30, 2015. Details of the new release were provided in an *Initial Abatement Action Report (IAAR)*, dated February 3, 2016.

In a *NORR* dated February 18, 2016, the NCDEQ requested assessment and cleanup in compliance with Title 15A NCAC and submittal of a *Groundwater Monitoring Report*. A comprehensive groundwater sampling event was conducted on March 17, 2016 and results were summarized in an *Active Remediation Monitoring Report* dated May 9, 2016.

On March 23-29, 2016, USTs #1, #2, and #3 were permanently closed by removal. A cumulative total of 607.94 tons of petroleum impacted soil was removed and disposed of properly during the UST activities. Those activities are summarized in this report.

2.0 POTENTIAL RECEPTOR INFORMATION

2.1 Water Supply Wells

In 2004, SEI conducted a survey to determine the location of water supplies located within a 1,500-foot radius of the subject facility. ESS conducted a survey update in 2007. Information was gathered through mail questionnaires, site reconnaissance and conversations with City of Wilmington and New Hanover County personnel.
Information collected during the mail-survey process is detailed below;

- A total of 9 water supply wells were identified within a 1,500-foot radius of the subject site, eight of which occur within a 1000-foot radius of the site.

- All properties can be connected to the Cape Fear Public Utility Authority water supply.
- Five of the nine wells are reportedly used for potable purposes. The well owners were individually contacted to assess the feasibility of well abandonment and connection to the municipal water supply. Some owners did not respond or rejected abandonment of their water supply wells.
- The subject facility is also connected to the municipal water system.

Properties located west of Market Street have been redeveloped since the survey update in 2007. Recent site visits revealed that two water supply wells located west of Market Street and one water supply located contiguous to the site may no longer be actively used.

2.2 Public Water Supply

Public water is available through the Cape Fear Public Utility Authority.

2.3 Surface Water

At least four storm water retention ponds are located to the northwest and occur within a 1,500-foot radius of the site. In addition, an unnamed tributary of the Howe Creek lies approximately 1,000 feet south of the site. Howe Creek is tidally influenced and drains into the Intercoastal Waterway.

2.4 Wellhead Protection Area

The source area is not reported within an approved wellhead protection area as defined in 42 USC 300h-7(e).

2.5 Surrounding Land Use

The Market Street business corridor is primarily zoned by New Hanover County as category B-2. The B-2 Highway Business District is defined as a heavy commercial district. It's purpose is to provide for the proper grouping and development of business uses which best accommodate the needs of the motoring public with a regional orientation. Residential developments to the west of Market Street business corridor are zoned residential R-10 and R-15 and to the east are zoned residential R-15 and R-20.

2.6 Subsurface Structures

An 8-inch PVC water supply line services the vicinity of the site and is present on the east side of the Market Street right-of-way extending north through the 1,500-foot radius. A branch of that line extends from Market Street to the southern side of the right-of-way of Middle Sound Loop Road. The depth of this line is reportedly at least two feet bgs.

Two eight-inch diameter sanitary sewer lines are present in the vicinity of the site with one line on each side of Market Street. Both lines are reportedly present in the North Carolina Department of Transportation right-of-way for Market Street but both reportedly terminate south of the site. The sanitary sewer lines are reportedly constructed to a depth ranging from approximately seven to ten feet bgs.

A reinforced concrete storm water pipe is located approximately 500 hundred feet south of the site and provides storm water control southward. The pipe ranges in diameter from 15 to 24-inches and is constructed with an invert depth of approximately six feet below ground surface.

2.7 Deep Aquifers in the Atlantic Coastal Plain Province

The site is located within the Atlantic Coastal Plain province. Overall, the Atlantic Coastal Plain slopes eastward at an average rate of less than three feet per mile. The coastal plain is basically flat in interstream areas, but is broken by low escarpments adjacent to stream valleys. New Hanover County is a relatively flat sandy plain with a relief ranging from sea level to approximately 50 feet above MSL. The subject facility lies approximately 45 feet above mean sea level.

As part of the Atlantic Coastal Plain province, New Hanover County has four predominant aquifer systems in the vicinity of the site. In descending order these include:

- Surficial aquifer comprised of Pleistocene and Pliocene age sediments;
- Castle Hayne aquifer with sediments generally of Eocene age;
- Peedee aquifer which is comprised of Late Cretaceous age sediments; and,
- Black Creek aquifer of Cretaceous age.

Generally, the surficial aquifer is of major importance due to its extended coverage throughout the Coastal Plain. Precipitation infiltrating this aquifer is responsible for the bulk of water recharging the Coastal Plain aquifer system. The surficial aquifer transmits water laterally to streams and serves as a source bed holding the water that moves down gradient to the deeper aquifers. The surficial aquifer occurs within approximately 5 to 20 bgs in most areas of the county and yields sufficient water for domestic use.

Surficial aquifer sediments in the Tidewater Region were deposited under shallow marine or estuarine conditions. These consist of fine sand, silt, clay, shell, and peat beds, plus scattered deposits of coarser-grained material in the form of relic beach ridges and floodplain alluvium. The estimated thickness of the surficial aquifer at the site is approximately 33 feet. The aquifer is composed of 79 percent permeable material and has an estimated hydraulic conductivity of 35 feet per day.

The underlying Castle Hayne confining unit is composed of beds of clay, sandy clay, and clay with sandy streaks. Throughout much of the area, the Castle Hayne confining unit is thin, with a thickness of about 13 feet, and contains enough sand to allow significant vertical movement between the surficial aquifer and the underlying Castle Hayne aquifer. The Castle Hayne confining unit contact was not defined in the borings.

The Castle Hayne aquifer is predominantly composed of limestone (including shell, dolomitic, and sandy limestone ranging from loosely consolidated to hard/crystallized) and sand with minor amounts of clay and was deposited under marine conditions. Sand bed intervals have varying carbonate content and range from fine to coarse grains, but are typically composed of fine to medium-grained sand. Clay occurs as marl beds less than 10 feet thick or as a matrix in both sand and limestone beds. Typically, the upper portion of the Castle Hayne aquifer consists of limestone, while the lower portion is mainly sand. The Castle Hayne aquifer is the most productive in North Carolina. Along its western margin, it occurs near land surface in New Hanover County and is exposed in many streams in the area. The aquifer is approximately 69 feet thick and contains approximately 64 percent permeable material. The estimated hydraulic conductivity is 65 feet per day.

The Peedee confining unit is overlain by the Castle Hayne aquifer in the area. The Peedee confining unit is an estimated 44 feet in thickness and contains sediments with less than 15 percent permeability. The Peedee confining unit is composed of clay, silty clay and sandy clay and represents the Cenozoic-Mesozoic geological boundary.

The Peedee aquifer primarily occurs within the Peedee Formation. The Peedee Formation consists of fine to medium-grained sand interbedded with gray to black marine clay and silt. Glauconitic sand beds and thin beds of consolidated calcareous sandstone and impure limestone are interlayered in the sands in places. The Peedee aquifer is approximately 300 feet thick in the vicinity of the site and has an estimated hydraulic conductivity of 34 feet per day.

The Black Creek confining unit is overlain by the Peedee aquifer. The Black Creek confining unit is approximately 42 feet thick in the Wilmington area and contains sediments having less than 12 percent permeability. The Black Creek aquifer, overlain by the Black Creek confining unit, has a thickness of approximately 334 feet, and the estimated hydraulic conductivity is 25 feet per day.

Potable water is typically not captured from the aquifers located at depths beyond the Black Creek aquifer. These include the Upper Cape Fear and Lower Cape Fear Aquifers.

Based upon the soil boring data reported SEI and observations by ESS during the monitoring well and soil boring advancements, the surficial geology generally of a fine to medium-grained silty sand ranging in color from light gray to dark brown. Based upon the site specific data collected by SEI during the monitoring well installations, including well MW-2, the Type III well did not penetrate the surficial aquifer.

References: *Hydrogeologic Framework of the North Carolina Atlantic Coastal Plain*. U.S. Geological Survey Professional Paper 1404-I. M.D. Winner, Jr. and R.W. Coble. 1996; *Hydrogeologic Framework and Ground Water Conditions in the North Carolina Southern Coastal Plain*. North Carolina Department of Environment and Natural

Resources, Division of Water Resources. Jeff Lautier. 2006; NCDEQ, Division of Water Resources Hydrogeologic Framework.

3.0 RECENT FIELD ACTIVITIES

3.1 Site Check

On November 6, 2015, site checks for all three gasoline USTs were conducted by Valley Tank Testing. The checks included non-volumetric UST tightness tests, line tightness tests, leak detection tests for all three UST pumps, containment sump tests for both sumps (i.e. dispensers 1/2 and 3/4), and spill bucket integrity tests. The checks revealed the premium gasoline UST, identified as UST #3 in the testing report, failed tank tightness testing. The other two regular gasoline UST systems passed all the site check tests. The results of the testing, including the NCDEQ forms *Triennial UST Containment Sump/UDC Integrity Testing* (UST- 6F/23B) and *Triennial UST Spill Bucket Integrity Testing* (UST-6D/23A), are included in **Appendix A**.

3.2 Initial Abatement Actions

The premium gasoline UST #3 was taken out of service following the site check testing completed on November 6, 2015. On November 6, 2015, GPM provided notice of a release to the NCDEQ and submitted a 24-Hour Release and UST Leak Reporting Form (UST-61). Also on November 6, 2015, SR&R Environmental pumped 159 gallons of petroleum contact water from the premium UST #3. On November 7, 2015, the remaining contents of UST #3 (i.e., 3,056 gallons of gasoline) were transferred to an active UST at GPM Store 3022 by Eagle Transport. GPM notified NCDEQ of the temporary closure of UST #3 as provided in form *Notification for Activities Involving Underground Storage Tank Systems* (UST-8), dated November 19, 2015. Disposal and transport manifests and notification forms are provided in **Appendix B**.

3.3 UST Closure Procedures

The *Notice of Intent: UST Permanent Closure or Change-In-Service* (UST-3) form, dated March 11, 2016, was provided to the NCDEQ for the permanent closure of the two 6,000 gallon gasoline USTs (UST #1 and #2) and the 4,000 gallon gasoline UST (UST #3). Usable product was removed from the UST #1 and #2 and relocated to other facilities for retail sale. The product from UST #3 was previously relocated.

UST closures were conducted on March 23-24, 2016, and over-excavation activities were conducted on March 24-29, 2016 by Zebra Environmental and Industrial Services (Zebra) with oversight provided by Antea USA of NC. On March 23, 2016, Zebra removed sufficient surface cover and soil to safely access the USTs. The top of the USTs were located approximately five feet bgs and the bottom of the USTs were approximately thirteen feet bgs. The soil was temporarily stockpiled on-site and covered with plastic. While the USTs were in-place, Zebra cleaned the USTs of all residual liquid and solid wastes by thorough pressure washing of the USTs interiors. Zebra subsequently vacuumed 723 gallons residual waste, wash water, and sludge from all three USTs which was transported to their

facility (permitted facility #NC0991302669) for proper treatment and disposal. The transport and disposal manifests of wastes generated during the cleaning process are provided in **Appendix C**.

The USTs were approved for removal following a lower explosive limit reading of 0.0%. Surface materials including asphalt and concrete were transported to ST Wooten Corporation for recycling. The dispensers and canopy were also removed on or before March 23, 2016.

On March 24, 2016, Zebra removed and transported the cleaned USTs to Horton Iron and Metal for steel recycling. Although corrosion pitting was noted on all three steel USTs, corrosion holes were not observed by Antea USA of NC and Zebra.

3.4 Site Investigation

Zebra continued excavation activities following removal of the USTs on March 24, 2016. The goal of the excavation, as provided and approved by the NCDEQ, was the removal of product and grossly petroleum saturated soil proximal to the USTs and around monitoring well MW-5. Soil removal was based upon field observations and field screening provided by Antea USA of NC. Field screening was performed by head-space process which involved the placement of sufficient soil sample into a dedicated Zip Lock style clear storage bag. The bag was placed in ambient conditions prior to insertion of the photoionization detector (PID) probe into the bag and collection of the maximum reading in parts per million (ppm). Twelve soil samples (i.e., FS-1 through FS-12) were collected solely for the purpose of field screening at depths ranging from two to seventeen feet bgs. Impacted soil, as determined by observations and field screening, was removed and temporarily stockpiled on-site.

The typical soil profile observed during the excavation included brown to white, silty fine-grained sand (fill) up to eight feet bgs, underlain by dark brown, peaty fine-grained sand to a depth of fifteen feet bgs, grading to a brown fine to medium-grained sand to a depth of seventeen feet bgs with a tightly packed brown sandy silt to silt from fifteen to sixteen feet bgs. Field screening readings significantly decreased beneath the hard silt layer. Groundwater was encountered within the excavation between eleven and fourteen feet bgs. Images of the UST removal and excavation activities are provided in **Appendix D**.

The horizontal extent of the excavation was limited to the south and southwest by the property boundary, to the north and northwest by the underground and overhead utilities, to the east and southeast by the absence of observed impacted soil and to the northeast by the soil volume approved by the NCDEQ. The hard silt layer likely impeded vertical petroleum migration and served as the vertical extent (approximately sixteen feet bgs) of the excavation.

Upon removal of approved tonnage, soil samples were collected for laboratory analyses. The samples included ten post-excavation sidewall samples (i.e., S-1 through S-10) at approximately seven feet bgs, one sample from beneath the former gasoline dispenser (D-1) at a depth of two feet bgs, and one sample from beneath the product

lines (L-1) at a depth of 2.5 feet bgs. All soil samples were collected into laboratory-provided containers, using clean, disposable nitrile gloves, and placed into a cooler with ice for transportation under chain of custody to FTS Analytical Services in Norcross, Georgia. Due to the comingled nature of the diesel and gasoline releases, the laboratory analyses included EPA Methods 8260, 8270 as well as MADEP Methods for VPH and EPH. The sidewall, dispenser, and product line soil samples were also field screened. The approximate limits of the excavation and soil sample locations are provided in **Figure 3**.

The laboratory results indicated the presence of benzene slightly above its STW-MSCC in soil samples S-1, S-10, D-1 and L-1. The laboratory results also indicated the presence of other petroleum compounds, as well as MADEP VPH C_9-C_{10} Aromatics, above the STW-MSCCs but below the Residential MSCCs in sample D-1. In all other samples, target compounds, as well as MADEP VPH and EPH, were either below STW-MSCCs or below the laboratory quantitation limits. The presence of methylene chloride in a few samples is likely the result of bottle ware or laboratory artifact. The laboratory report is provided in **Appendix E**.

From March 24 through March 29, 2016, Zebra transported the stockpiled soil to ES&J Enterprises, Inc. (permitted facility #SR0600035). A cumulative total of 607.94 tons of impacted soil was removed from the site. The soil transportation manifests, weigh tickets and disposal certification are provided in **Appendix F**. The excavation pit was backfilled and compacted with clean sand provided from Evergreen Clearing, Inc. and the Ivanhoe mine. Monitoring well MW-5 was removed and part of the system piping system wells were removed during the UST closure and excavation activities.

4.0 CONCLUSIONS

The following conclusions are presented based upon the data and site specific information collected by Antea USA of NC and presented in this report;

- On November 6, 2015, site checks for all three gasoline USTs were conducted by Valley Tank Testing. The checks included non-volumetric UST tightness tests, line tightness tests, leak detection tests for all three UST pumps, containment sump tests for both sumps (i.e. dispensers 1/2 and 3/4), and spill bucket integrity tests. The checks revealed the premium gasoline UST, identified as UST #3 in the testing report, failed tank tightness testing. The other two regular gasoline UST systems passed all the site check tests.
- The premium gasoline UST (UST #3) was taken out of service following the site check testing completed on November 6, 2015. Also on November 6, 2015, GPM provided notice of a release to the NCDEQ and submitted a 24-Hour Release and UST Leak Reporting Form (UST-61). GPM notified NCDEQ of the temporary closure of UST #3 as provided in form *Notification for Activities Involving Underground Storage Tank Systems* (UST-8), dated November 19, 2015.
- The *Notice of Intent: UST Permanent Closure or Change-In-Service* (UST-3) form, dated March 11, 2016, was provided to the NCDEQ for the permanent closure of the two 6,000 gallon gasoline USTs (UST #1 and

#2) and the 4,000 gallon gasoline UST (UST #3). All three USTs were permanently closed by removal on March 23-24, 2016.

- Over-excavation activities were conducted on March 24-29, 2016 by Zebra with oversight provided by Antea USA of NC. The goal of the excavation, as provided and approved by the NCDEQ, was the removal of product and grossly petroleum saturated soil proximal to the USTs and around monitoring well MW-5. Soil removal was based upon field observations and field screening provided by Antea USA of NC. The horizontal extent of the excavation was limited to the south and southwest by the property boundary, to the north and northwest by the underground and overhead utilities, to the east and southeast by the absence of observed impacted soil and to the northeast by the soil volume approved by the NCDEQ. A hard silt layer encountered between fifteen to sixteen feet bgs likely impeded deeper vertical petroleum migration and provided a final excavation depth.
- A cumulative total of 607.94 tons of impacted soil was removed and transported to ES&J Enterprises, Inc. permitted facility for disposal. The excavation was backfilled and compacted with clean sand.
- Ten post-excavation sidewall samples (i.e., S-1 through S-10), one sample from beneath the former gasoline dispenser (D-1), and one sample from beneath the product lines (L-1) were collected for laboratory analyses. The laboratory results indicated the presence of benzene slightly above its STW-MSCC in soil samples S-1, S-10, D-1 and L-1. The laboratory results also indicated the presence of other petroleum compounds, as well as MADEP VPH C_9-C_{10} Aromatics, above the STW-MSCCs but below the Residential MSCCs, in sample D-1. In all other samples, target compounds, as well as MADEP VPH and EPH, were either below STW-MSCCs or below the laboratory quantitation limits.

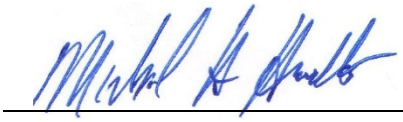
5.0 RECOMMENDATIONS

The following recommendations are presented based upon the data and site specific information collected Antea USA of NC and presented in this report;

- The soil samples revealed the presence of impacted soil beneath the northern most former gasoline dispenser. Additional soil assessment should be conducted in this area and further soil excavation should be considered.
- The removal of grossly impacted soil and fugitive product during overexcavation activities will likely reduce petroleum levels in groundwater. A groundwater sampling event should be conducted prior to the planned NCDOT road widening work.
- The NCDOT work will likely result in the removal of the remaining system wells and monitoring wells. The replacement or installation of additional wells for assessment or remediation activities should be postponed until the NCDOT work is completed.

6.0 REMARKS

The recommendations contained in this report represent Antea USA of North Carolina, Inc.'s professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This report is based upon a specific scope of work requested by the client. The contract between Antea USA of North Carolina, Inc. and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea USA of North Carolina, Inc.'s client and anyone else specifically identified in writing by Antea USA of North Carolina, Inc. as a user of this report. Antea USA of North Carolina, Inc. will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea USA of North Carolina, Inc. makes no express or implied warranty as to the contents of this report.



Date: June 7, 2016

Michael H. Haseltine, Project Professional

Reviewed by:

Date: June 7, 2016

Kyle Sorensen, Project Manager

Tables

TABLE 1
UST/AST SYSTEM AND OTHER RELEASE INFORMATION
GPM 3035 (Scotchman 35)
Wilmington, New Hanover County, North Carolina
Antea USA of NC Project No. NC30351601

UST ID Number	Current/Last Contents	Capacity (in gallons)	Construction Details	Description of Associated Piping and Pumps	Date Tank Installed	Status of UST	Was release associated with the UST System?
1	Gasoline	6,000	Single-Walled Steel	DW Flexible Piping, Pressurized	4/16/1961	Closure by Removal 3/24/2016	Undetermined
2	Gasoline	6,000	Single-Walled Steel	DW Flexible Piping, Pressurized	4/16/1961	Closure by Removal 3/24/2016	Undetermined
3	Gasoline	4,000	Single-Walled Steel	DW Flexible Piping, Pressurized	4/16/1961	Closure by Removal 3/24/2016	Yes
4	Diesel	1,000	Single-Walled Steel	Other	4/16/1961	Closed-in-Place 4/25/2004	Yes

Incident Number	Date Discovered	Product Released	Discovery of Release
32152	March 24, 2004	Diesel	Documented during closure of UST #4
43012	November 6, 2015	Gasoline	Failed tank tightness test of premium gasoline UST #3

Notes: - UST information provided by NCDEQ Registered Tanks Database

TABLE 2
SUMMARY OF WELL CONSTRUCTION DATA
GPM 3035 (Scotchman 35)
Wilmington, New Hanover County, North Carolina
Antea USA of NC Project No. NC30351601

Well No.	Boring Depth (ft, bgs)	Well Diameter (inches)	Well Screen Interval (ft, bgs)	Top of Casing Elevation (ft)	Installation Date	Status
MW-1	20.0	2	5 - 20	94.95	9/20/2004	Current
MW-2	30.0	2	25 - 30	94.88	9/20/2004	Current
MW-3	20.0	2	5 - 20	94.77	9/20/2004	Current
MW-4	20.0	2	5 - 20	94.79	9/20/2004	Current
MW-5	20.0	2	5 - 20	94.66	9/20/2004	Removed during 2016 UST closure activities
MW-6	15.0	2	4.25-14.25	94.68	9/20/2007	Current
MW-7	15.0	2	5 - 15	94.32	9/20/2007	Current
MW-8	18.0	2	3 - 18	95.06	9/21/2007	Current
MW-9	20.0	2	5 - 20	94.34	9/21/2007	Current
MW-10	18.0	2	3 - 18	94.52	9/21/2007	Current
MW-11	18.0	2	3 - 18	94.74	9/21/2007	Current
OB-1	20.0	2	2 - 20	NA	11/25/2008	Current
SVE-1	8.0	2	2 - 8	NA	11/25/2008	Current
SVE-2	9.0	2	4 - 9	NA	8/24/2009	Current
SVE-3	9.0	2	4 - 9	NA	8/24/2009	Current
SVE-4	9.0	2	4 - 9	NA	8/24/2009	Presumed removed during 2016 UST closure activities
SVE-5	9.0	2	4 - 9	NA	8/24/2009	Presumed removed during 2016 UST closure activities
SVE-6	9.0	2	4 - 9	NA	8/24/2009	Current
AS-1	30.0	2	27 - 30	NA	8/25/2009	Current
AS-2	30.0	2	27 - 30	NA	8/25/2009	Current
AS-3	30.0	2	27 - 30	NA	8/25/2009	Current
AS-4	29.0	2	26 - 29	NA	8/25/2009	Presumed removed during 2016 UST closure activities

Notes:

- ft,bgs denotes feet, below ground surface
- NA denotes data not available

TABLE 3
SUMMARY OF FIELD SCREENING RESULTS
GPM 3035 (Scotchman 35)
Wilmington, New Hanover County, North Carolina
Antea USA of NC Project No. NC30351601

Field Screening Sample ID	Sample Date	Sample Depth (ft, bgs)	Field Screening Headspace Reading (ppm)	Sample Description	
FS- 1	3/24/16	12	1,552	Dark brown, peaty, silty fine-grained sand	petroleum odor
FS- 2	3/24/16	8	1,616	Dark brown, peaty, silty fine-grained sand	strong petroleum odor
FS- 3	3/24/16	13	1,785	Dark brown, peaty, silty fine-grained sand	strong petroleum odor
FS- 4	3/24/16	15	1,667	Brown, silty, med.-grained sand	strong petroleum odor
FS- 5	3/24/16	17	45.0	Brown, silty, med.-grained sand	slight petroleum odor
FS- 6	3/24/16	7	28.2	Dark brown, peaty, silty, fine to med.-grained sand	slight petroleum odor
FS- 7	3/24/16	10	12.4	Dark brown, peaty, silty, fine-grained sand	slight petroleum odor
FS- 8	3/24/16	15	8.0	Brown, silty, fine-grained sand	no odor
FS- 9	3/24/16	7	0.4	Brown/white, silty, fine-grained sand (fill)	no odor
FS- 10	3/24/16	15	62.7	Brown, silty, fine-grained sand	slight petroleum odor
FS- 11	3/24/16	15	1,570	Dark brown, peaty, silty, fine-grained sand	strong petroleum odor
FS- 12	3/24/16	16	34.6	Brown, silty, tight, fine-grained sand	slight petroleum odor
S- 1	3/24/16	7	280.1	Dark brown, silty, fine-grained sand (fill)	slight petroleum odor
S- 2	3/24/16	7	3.4	Brown/white, silty, fine-grained sand (fill)	no odor
S- 3	3/24/16	7	8.6	Dark brown to black, silty fine-grained sand	possible petroleum odor
S- 4	3/24/16	7	6.9	Brown/white, silty, fine-grained sand (fill)	no odor
S- 5	3/24/16	7	29.0	Brown/white, silty, fine-grained sand (fill)	no odor
S- 6	3/24/16	7	0.0	Brown/white, silty, fine-grained sand (fill)	no odor
S- 7	3/24/16	7	1.3	Dark brown, silty, fine-grained sand (fill)	no odor
S- 8	3/24/16	7	4.5	Brown/white, silty, fine-grained sand with stone (fill)	possible petroleum odor
S- 9	3/24/16	7	2.2	Brown/white, silty, fine-grained sand with stone (fill)	no odor
S- 10	3/24/16	7	20.2	Dark brown/white, silty, fine-grained sand (fill)	possible petroleum odor
D- 1	3/24/16	2	111.5	Dark brown, silty, fine-grained sand with stone (fill)	petroleum odor
L- 1	3/24/16	2.5	260.4	Brown, silty, fine-grained sand (fill)	petroleum odor
Stockpile	3/24/16	NA	368.0	Brown/white, silty, fine-grained sand with stone (fill)	petroleum odor

Notes:
Field-screened by headspace method using Mini RAE Lite PID
ft, bgs - feet, below ground surface
Groundwater seeped into excavation from 11 to 14 feet bgs
"FS" prefix denotes field screening point, "S" prefix denotes soil sample ,"D" denotes dispenser sample ,
"L" denotes product line sample, Stockpile denotes stockpile field screening sample

TABLE 4
SUMMARY OF LABORATORY RESULTS FOR SOIL SAMPLES BY RISK-BASED METHODS
GPM 3035 (Scotchman 35)
Wilmington, New Hanover County, North Carolina
Antea USA of NC Project No. NC30351601

Sample ID →	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	SOIL-TO-WATER MSCCs	RESIDENTIAL MSCCs	INDUSTRIAL/ COMMERCIAL MSCCs
Sample Depth (ft.) →	7	7	7	7	7	7	7	7	7			
Sample Date →	3/24/2016	3/24/2016	3/24/2016	3/24/2016	3/24/2016	3/24/2016	3/24/2016	3/24/2016	3/24/2016			
Analyses →	EPA 8260B & 8270D, MADEP VPH & EPH	EPA 8260B & 8270D, MADEP VPH & EPH	EPA 8260B & 8270D, MADEP VPH & EPH	EPA 8260B & 8270D, MADEP VPH & EPH	EPA 8260B & 8270D, MADEP VPH & EPH	EPA 8260B & 8270D, MADEP VPH & EPH	EPA 8260B & 8270D, MADEP VPH & EPH	EPA 8260B & 8270D, MADEP VPH & EPH	EPA 8260B & 8270D, MADEP VPH & EPH			
Detected Compounds ↓	Concentration (mg/kg)	Concentration (mg/kg)	Concentration (mg/kg)	Concentration (mg/kg)	Concentration (mg/kg)	Concentration (mg/kg)	Concentration (mg/kg)	Concentration (mg/kg)	Concentration (mg/kg)	Concentration (mg/kg)	Concentration (mg/kg)	Concentration (mg/kg)
EPA METHOD 8260B												
1,2,4-Trimethylbenzene	0.923	<0.372	0.0233	0.0484	0.748	<0.00573	0.00176 J	0.00299 J	0.00316 J	8.5	782	20,440
1,3,5-Trimethylbenzene	0.362 J	<0.372	0.0174	0.0127	0.102	<0.00573	<0.00646	<0.00647	0.00417 J	8.3	782	20,440
Acetone	<4.38	0.0126 J	0.342 J	0.0221 J	0.0195 J	0.0193 J	0.0294 J	0.0242 J	0.0240 J	24	14,000	360,000
Benzene	**0.0491 J**	<0.00491	<0.00681	0.00379 J	0.00204 J	<0.00573	<0.00646	0.00166 J	0.00136 J	0.0056	18	164
Carbon disulfide	<0.438	<0.00491	<0.00681	<0.00594	<0.00660	<0.00573	<0.00646	<0.00647	0.00280 J	4.3	1,564	40,880
Ethylbenzene	0.998	<0.00491	0.00268 J	0.00562 J	0.0204	<0.00573	0.00140 J	0.00642 J	0.00300 J	4.9	1,560	40,000
Isopropylbenzene	0.116 J	<0.00491	0.00143 J	0.00119 J	0.00741	<0.00573	<0.00646	<0.00647	<0.00608	1.7	1,564	40,880
Methylene chloride	**1.39**	<0.00491	0.00503	0.00543	<0.00660	<0.00573	0.00961	<0.00647	<0.00608	0.02	85	763
Naphthalene	<0.438	<0.00491	0.00766	0.0120	0.0906	<0.00573	0.00596 J	<0.00647	<0.00608	0.16	313	8,176
n-Butylbenzene	<0.438	<0.00491	0.00172 J	0.00410 J	0.0252	<0.00573	<0.00646	<0.00647	<0.00608	4.3	626	16,350
n-Propylbenzene	0.378 J	<0.00491	0.00202 J	0.00378 J	0.0171	<0.00573	<0.00646	0.00132 J	<0.00608	1.7	4,693	16,350
p-Isopropyltoluene	<0.438	<0.00491	<0.00681	<0.00594	0.00352 J	<0.00573	<0.00646	<0.00647	<0.00608	0.12	100	4,000
Toluene	0.0823 J	<0.00491	0.00390 J	0.0142	0.0277	0.0277	0.00668	0.0256	0.0131	4.3	1,200	32,000
Xylenes	2.58	<0.01474	0.02873	0.0707	0.2460	<0.01723	0.00807 J	0.02942 J	0.01366 J	4.6	3,129	81,760
MADEP METHODS FOR VPH & EPH												
C_9-C_{10} Aromatics (VPH)	3.15	<1.65	<1.99	<1.77	5.48	<1.58	<1.83	<1.54	<1.71	31	469	12,264
C_{11}-C_{22} Aromatics (EPH)	27.8	<22.0	<23.1	<21.1	<20.9	<21.1	<21.3	<21.2	<21.2			
C_5-C_8 Aliphatics (VPH)	40.1	<4.95	<5.96	<5.30	<7.16	<4.74	<5.48	<4.62	<5.13	68	939	24,528
C_9-C_{12} Aliphatics (VPH)	6.85	<4.95	<5.97	<5.30	8.96	<4.74	<5.48	<4.62	<5.13	540	1,500	40,000
C_9-C_{18} Aliphatics (EPH)	30.4	<11.0	<11.6	<10.6	<10.4	<10.5	<10.6	<10.6	<10.6			
C_{19}-C_{36} Aliphatics (EPH)	34.8	<11.0	<11.6	<10.6	<10.4	<10.5	<10.6	<10.6	<10.6	#	31,000	810,000

TABLE 4
SUMMARY OF LABORATORY RESULTS FOR SOIL SAMPLES BY RISK-BASED METHODS
GPM 3035 (Scotchman 35)
Wilmington, New Hanover County, North Carolina
Antea USA of NC Project No. NC30351601

Sample ID →	S-10	D-1	L-1	SOIL-TO-WATER MSCCs	RESIDENTIAL MSCCs	INDUSTRIAL/ COMMERCIAL MSCCs
Sample Depth (ft.) →	7	7	7			
Sample Date →	3/24/2016	3/24/2016	3/24/2016			
Analyses →	EPA 8260B & 8270D, MADEP VPH & EPH	EPA 8260B & 8270D, MADEP VPH & EPH	EPA 8260B & 8270D, MADEP VPH & EPH			
Detected Compounds ↓	Concentration (mg/kg)	Concentration (mg/kg)	Concentration (mg/kg)	Concentration (mg/kg)	Concentration (mg/kg)	Concentration (mg/kg)
EPA METHOD 8260						
1,2,4-Trimethylbenzene	0.169	**15.4**	0.0868	8.5	782	20,440
1,3,5-Trimethylbenzene	0.0291	4.16	0.0225	8.3	782	20,440
Acetone	0.0279 J	<3.61	0.0141 J	24	14,000	360,000
Benzene	**0.00622 J**	**0.0759 J**	**0.0231**	0.0056	18	164
Ethylbenzene	0.0309	1.65	0.0372	4.9	1,560	40,000
Isopropyl benzene	0.00672	0.377	0.00314 J	1.7	1,564	40,880
Methylene chloride	<0.00658	**1.31**	<0.00666	0.02	85	763
Naphthalene	0.0199	**5.27**	0.00902	0.16	313	8,176
n-Butylbenzene	0.0107	2.50	0.00632 J	4.3	626	16,350
n-Propylbenzene	0.0209	**1.92**	0.0123	1.7	4,693	16,350
p-Isopropyltoluene	0.00188 J	**0.253 J**	<0.00666	0.12	100	4,000
sec-Butylbenzene	<0.00658	0.345 J	<0.00666	3.3	626	16,350
Toluene	0.0191	1.78	0.162	4.3	1,200	32,000
Xylenes	0.0780	**11.69**	0.2293	4.6	3,129	81,760
MADEP METHODS FOR VPH & EPH						
C_9-C_{10} Aromatics (VPH)	<2.31	**113**	<1.83	31	469	12,264
C_{11}-C_{22} Aromatics (EPH)	<22.5	<21.2	<20.9			
C_5-C_8 Aliphatics (VPH)	<6.94	15.0	<5.49	68	939	24,528
C_9-C_{12} Aliphatics (VPH)	<6.94	103	<5.49	540	1,500	40,000
C_9-C_{18} Aliphatics (EPH)	<11.3	<10.6	<10.4			
C_{19}-C_{36} Aliphatics (EPH)	<11.3	<10.6	<10.4	#	31,000	810,000

Notes:
- Analytical results presented in milligrams per kilogram (mg/kg).
- Analytical results exceeding Soil-to-Water MSCCs are in bold type.
- All other compounds were below quantitation limits.
- # denotes that the health based level >100%
- "J" denotes estimated laboratory concentration

Figures

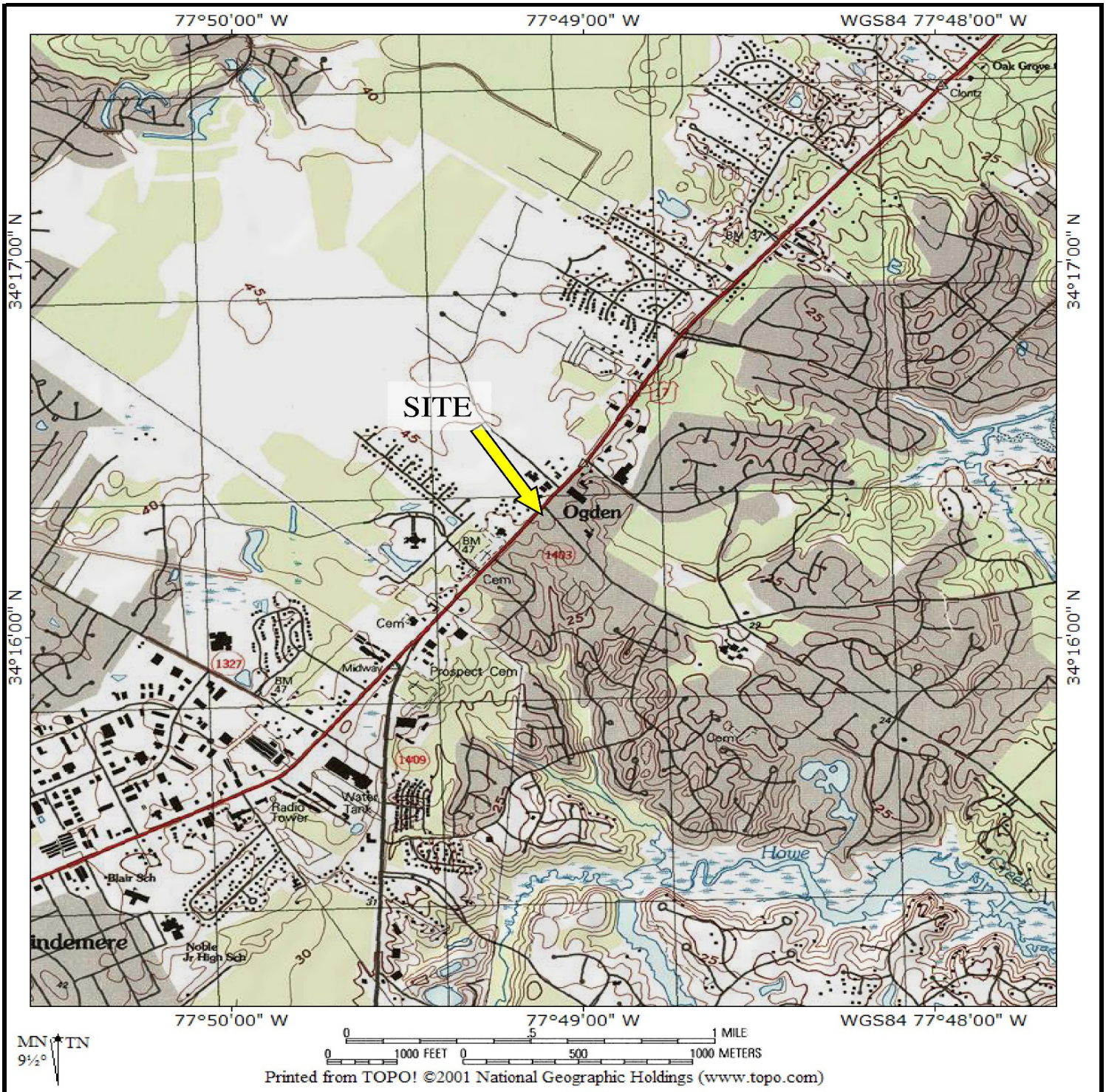


FIGURE 1

SITE LOCATION MAP

GPM 3035
7162 MARKET STREET
WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

PROJECT NO: NC30351601
DATE: 6/10/2015
SCALE: As shown
DRAWN BY: Others -
Modified by MHH

anteagroup
3530 Toringdon Way, Suite 106
Charlotte, North Carolina 28277

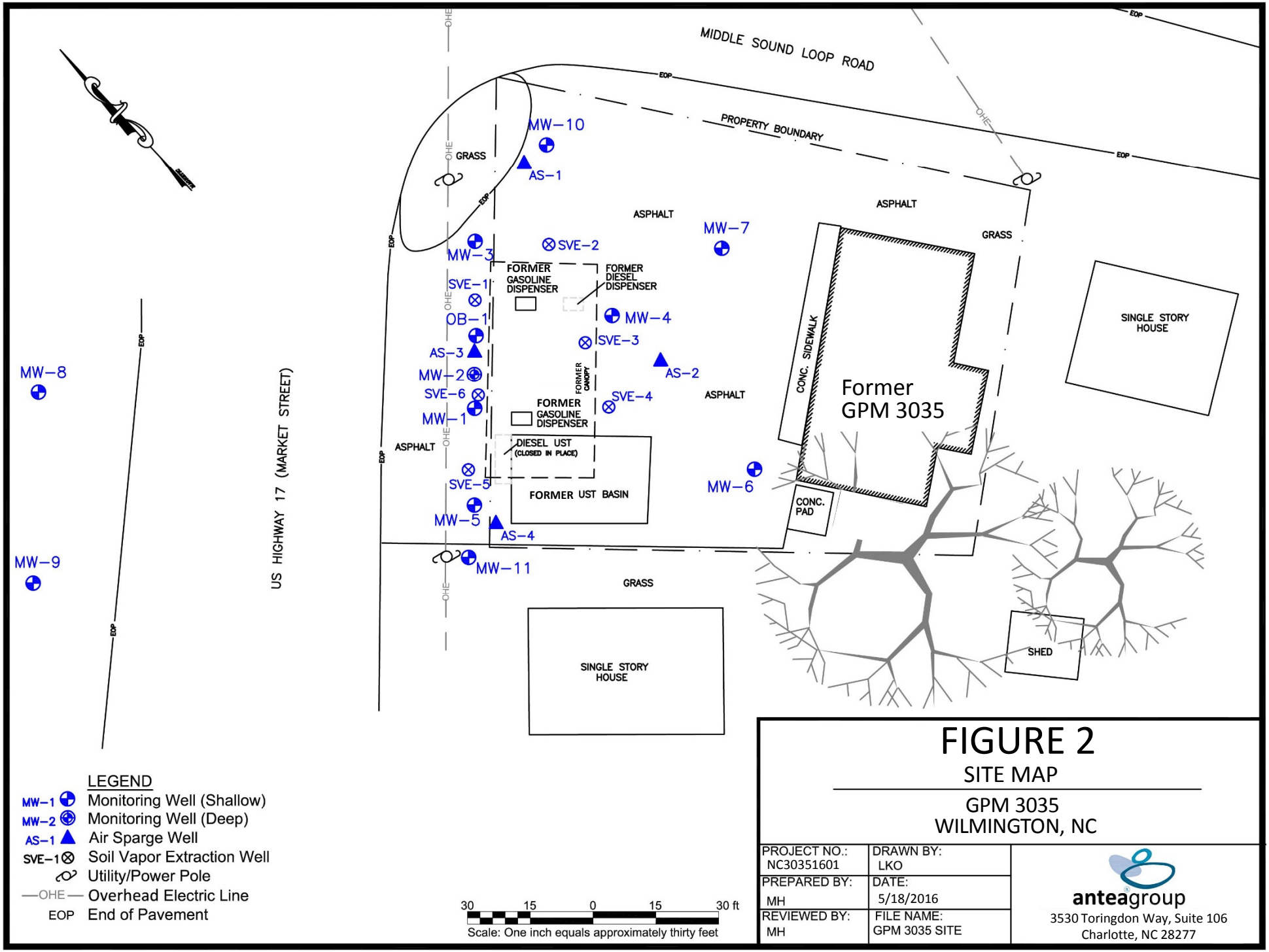


FIGURE 2

SITE MAP

GPM 3035
WILMINGTON, NC

PROJECT NO.: NC30351601	DRAWN BY: LKO
PREPARED BY: MH	DATE: 5/18/2016
REVIEWED BY: MH	FILE NAME: GPM 3035 SITE

anteagroup
3530 Toringdon Way, Suite 106
Charlotte, NC 28277

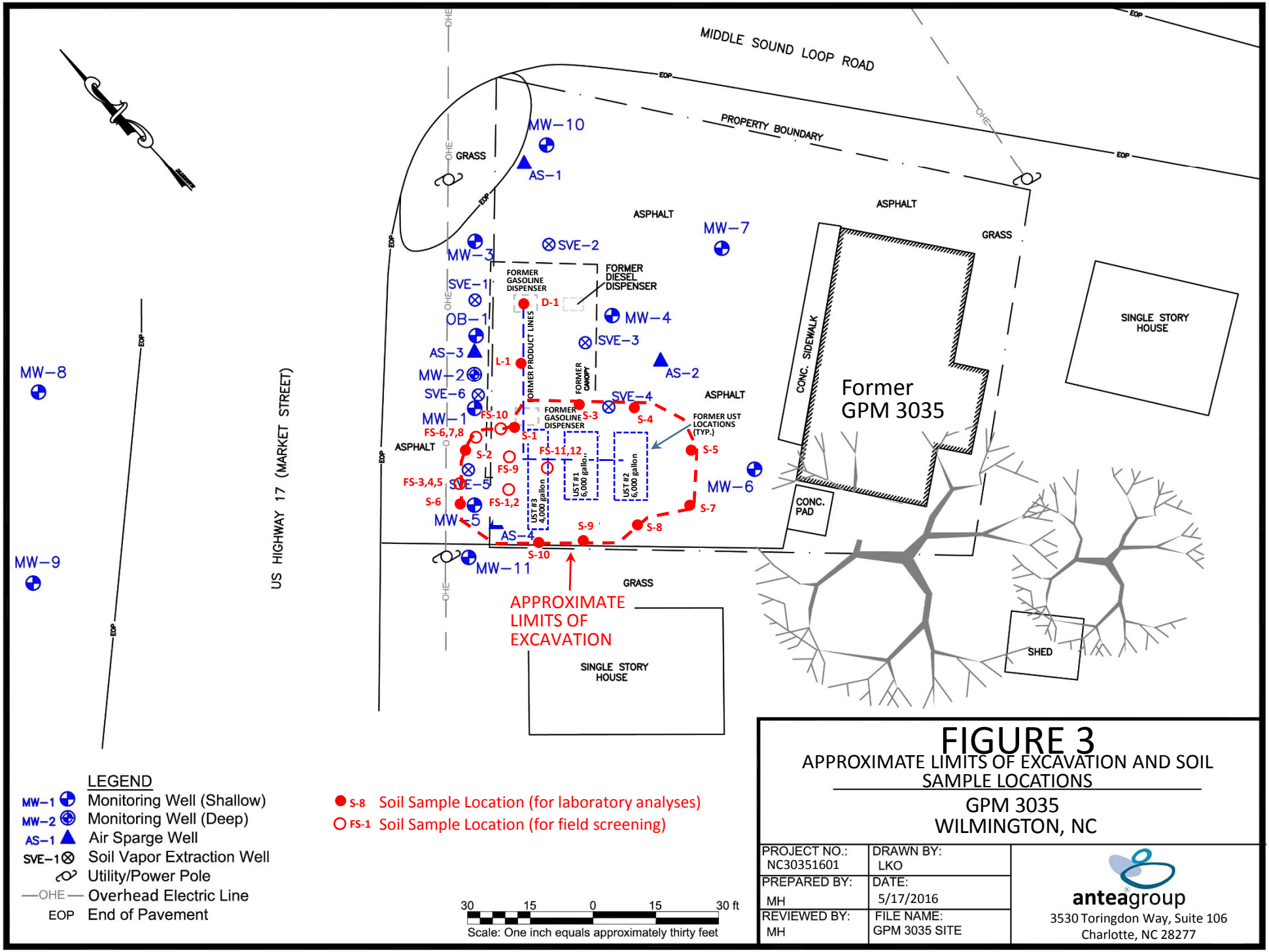


FIGURE 3

APPROXIMATE LIMITS OF EXCAVATION AND SOIL SAMPLE LOCATIONS

GPM 3035
WILMINGTON, NC

PROJECT NO.: NC30351601	DRAWN BY: LKO
PREPARED BY: MH	DATE: 5/17/2016
REVIEWED BY: MH	FILE NAME: GPM 3035 SITE

anteagroup
3530 Toringdon Way, Suite 106
Charlotte, NC 28277

Appendix A

SITE CHECK TESTS

VALLEY TANK TESTING
Achieving Compliance Through Commitment
...One Station at a Time

451 APOLLO BEACH BLVD.
APOLLO BEACH, FL 33572
TEL: 713-668-6997
FAX: 866-328-9796

TEST RESULTS

Cover Sheet

COMPANY TESTED:

Company Name: *GPM Investments, LLC*
Site / Station: *Scotchman 3035*
Test Date: *11/06/2015*
Work Ord #: *85887*

Address: *7162 Market St*
County: *New Hanover*
City, State: *Wilmington, NC*

TESTS PERFORMED:

Tank (Tank)
Petrotite Lines (Petro Lines)
Leak Detector (LD)
Spill Bucket (Sump, Spill, UDC)

PERFORMING TECHNICIAN:

Technician Name: *Lester Johnson*
Cert #: *PetroTite Line/Leak Detector Tester 3000023790*
EZ3 Plus #21-5756

TEST REASON:

Investigation

This is to certify that the tests identified above were conducted at *Scotchman 3035* on *11/06/2015*.
These test results are true and accurate to the best of my knowledge.

SIGNATURE: 

VALLEY TANK TESTING
Achieving Compliance Through Commitment
...One Station at a Time

TANK TEST

DATA SHEET

Test Date 11/06/2015

Manufactured by: Estabrook's Inc. 1-877-368-7215

TOTAL TANK VOL. 6000
PRODUCT VOL. 4092
ULLAGE VOL. 1908
PRODUCT TYPE Regular
PBS # (NEW YORK)
TANK # 02

Location Scotchman #3035
Address 7162 Market St
City/State/Zip Wilmington, NC 28411
Location Contact
Location Phone
Depth of Groundwater Determined:
By: temporary well **Where:** tank backfill

PRESSURE SENSOR CALCULATION

60.0000	X	0.026	=	1.5600	PSI(1)
INCHES OF PRODUCT		WEIGHT OF PRODUCT			
0.0000	X	.036	=	0.0000	PSI(2)
INCHES OF WATER IN TANK					
Line 1 + Line 2 = Total Positive Head Pressure in Tank			=	1.5600	PSI(3)
40.0000	X	.036	=	1.4400	PSI(4)
INCHES OF WATER OUTSIDE TANK					
Total Head Pressure Minus Outside Water Pressure			=	0.1200	+/-PSI(5)
Always add .5 PSI			+	0.6200	PSI(6)
NOTE: If Line 6 is Less Than .5 PSI Line 7 Shall be .5 PSI					
TEST PRESSURE			=	0.6200	+/-PSI(7)

ACOUSTIC TEST TIME

	Time	Pressure
Baseline	10:20	0.0000
Blower Started:	10:25	0.0000
Test Pressure Reached:	10:31	0.7600
Blower Turned Off:	10:36	0.7100
Test Began:	10:36	0.7100
Test Ended:	10:41	0.6600

EQUIPMENT CALIBRATION DUE DATE AND SERIAL NUMBERS

	Serial Number	Callibration Due Date
In-Tank Microphone		
Acoustic Signal Processor		
Pressure Sensor		
Water Sensor Display		
Water Sensor Probe		

WATER SENSOR CALIBRATION

Cal #1	51.0000	Cal #2	53.0000	Cal #3	100.0000
Calculation for Test Period:					
Avg. Cal.	68.0000	**Time of Test**	21.59		
Water Intrusion Period					
Began:	1053	Ended:	1116		

Height	94	Bottom to Grade	139.0000
Product in Tank	60.0000"	Water in Tank	0.0000"

VALLEY TANK TESTING
Achieving Compliance Through Commitment ...One Station at a Time

TANK TEST

FINAL REPORT

Test Date 11/06/2015

Manufactured by: Estabrook's Inc. 1-877-368-7215

TOTAL TANK VOL. 6000
PRODUCT VOL. 4092
ULLAGE VOL. 1908
PRODUCT TYPE Regular
PBS # (NEW YORK)
TANK # 02

Location Scotchman #3035
Address 7162 Market St
City/State/Zip Wilmington NC 28411
Location Contact
Location Phone
Depth of Groundwater Determined:
By: temporary well **Where:** tank backfill

THE ACOUSTIC CHARACTERISTIC OF A LEAK REVEALS:

X	**TIGHT TANK**
	THIS UNDERGROUND STORAGE TANK **PASSES** THE CRITERIA SET FORTH BY THE U.S. EPA.

WATER SENSOR INDICATES:

(CHECK ONLY ONE)

No Water Intrusion	x

OPERATOR INFORMATION

Print Name	Lester Johnson	Certification #	EZ3 Plus #21-5756
Sign Name		Expiration Date	2016-09-27
Testing Firm	Valley Tank Testing	Telephone #	713-668-6997
Address	451 Apollo Beach Blvd.		
	Apollo Beach, FL 33572		

NEW YORK STATE REQUIREMENT: A DIAGRAM OF THE TANK SYSTEM MUST BE SUBMITTED TO THE STATE WITH THIS REPORT

EQUIPMENT SERIAL NUMBERS AND CALIBRATION EXPIRATION DATES:

	SERIAL NUMBER		CALIBRATION EXPIRATION DATE
IN-TANK MICROPHONE			
ACOUSTIC SIGNAL PROCESSOR			
PRESSURE SENSOR			
WATER SENSOR DISPLAY			
WATER SENSOR PROBE			

VALLEY TANK TESTING
Achieving Compliance Through Commitment ...One Station at a Time

TANK TEST

DATA SHEET

Test Date 11/06/2015

Manufactured by: Estabrook's Inc. 1-877-368-7215

TOTAL TANK VOL. 6000
PRODUCT VOL. 3323
ULLAGE VOL. 2677
PRODUCT TYPE Premium
PBS # (NEW YORK)
TANK # 03

Location Scotchman #3035
Address 7162 Market St
City/State/Zip Wilmington, NC 28411
Location Contact
Location Phone
Depth of Groundwater Determined:
By: temporary well **Where:** tank backfill

PRESSURE SENSOR CALCULATION

50.0000	X	0.026	=	1.3000	PSI(1)
INCHES OF PRODUCT		WEIGHT OF PRODUCT			
0.0000	X	.036	=	0.0000	PSI(2)
INCHES OF WATER IN TANK					
Line 1 + Line 2 = Total Positive Head Pressure in Tank			=	1.3000	PSI(3)
40.0000	X	.036	=	1.4400	PSI(4)
INCHES OF WATER OUTSIDE TANK					
Total Head Pressure Minus Outside Water Pressure			=	-0.1400	+/-PSI(5)
Always add .5 PSI			+	0.3600	PSI(6)
NOTE: If Line 6 is Less Than .5 PSI Line 7 Shall be .5 PSI					
TEST PRESSURE			=	0.5000	+/-PSI(7)

ACOUSTIC TEST TIME

	Time	Pressure
Baseline	11:37	0.0000
Blower Started:	11:42	0.0000
Test Pressure Reached:	11:50	0.6900
Blower Turned Off:	11:55	0.6100
Test Began:	11:55	0.6100
Test Ended:	12:00	0.5600

EQUIPMENT CALIBRATION DUE DATE AND SERIAL NUMBERS

	Serial Number	Callibration Due Date
In-Tank Microphone		
Acoustic Signal Processor		
Pressure Sensor		
Water Sensor Display		
Water Sensor Probe		

WATER SENSOR CALIBRATION

Cal #1	66.0000	Cal #2	69.0000	Cal #3	71.0000
Calculation for Test Period:					
Avg. Cal.	69.0000	**Time of Test**	21.90		
Water Intrusion Period					
Began:	1222	Ended:	1254		

Height	94	Bottom to Grade	139.0000
Product in Tank	50.0000"	Water in Tank	0.0000"

VALLEY TANK TESTING
Achieving Compliance Through Commitment ...One Station at a Time

TANK TEST

FINAL REPORT

Test Date 11/06/2015

Manufactured by: Estabrook's Inc. 1-877-368-7215

TOTAL TANK VOL. 6000
PRODUCT VOL. 3323
ULLAGE VOL. 2677
PRODUCT TYPE Premium
PBS # (NEW YORK)
TANK # 03

Location Scotchman #3035
Address 7162 Market St
City/State/Zip Wilmington NC 28411
Location Contact
Location Phone
Depth of Groundwater Determined:
By: temporary well **Where:** tank backfill

THE ACOUSTIC CHARACTERISTIC OF A LEAK REVEALS:

X	**BELOW PRODUCT LEVEL (WET) PORTION LEAK**
	THIS UNDERGROUND STORAGE TANK **FAILS** THE CRITERIA SET FORTH BY THE U.S. EPA.

WATER SENSOR INDICATES:

(CHECK ONLY ONE)

Water Intrusion	x

OPERATOR INFORMATION

Print Name	Lester Johnson	Certification #	EZ3 Plus #21-5756
Sign Name		Expiration Date	2016-09-27
Testing Firm	Valley Tank Testing	Telephone #	713-668-6997
Address	451 Apollo Beach Blvd.		
	Apollo Beach, FL 33572		

NEW YORK STATE REQUIREMENT: A DIAGRAM OF THE TANK SYSTEM MUST BE SUBMITTED TO THE STATE WITH THIS REPORT

EQUIPMENT SERIAL NUMBERS AND CALIBRATION EXPIRATION DATES:

	SERIAL NUMBER		CALIBRATION EXPIRATION DATE
IN-TANK MICROPHONE			
ACOUSTIC SIGNAL PROCESSOR			
PRESSURE SENSOR			
WATER SENSOR DISPLAY			
WATER SENSOR PROBE			

VALLEY TANK TESTING
Achieving Compliance Through Commitment
...One Station at a Time

TANK TEST

DATA SHEET

Test Date 11/06/2015

Manufactured by: Estabrook's Inc. 1-877-368-7215

TOTAL TANK VOL. 6000
PRODUCT VOL. 4244
ULLAGE VOL. 1756
PRODUCT TYPE Regular
PBS # (NEW YORK)
TANK # 01

Location Scotchman #3035
Address 7162 Market St
City/State/Zip Wilmington, NC 28411
Location Contact
Location Phone
Depth of Groundwater Determined:
By: temporary well **Where:** tank backfill

PRESSURE SENSOR CALCULATION

65.0000	X	0.026	=	1.6900	PSI(1)
INCHES OF PRODUCT		WEIGHT OF PRODUCT			
0.0000	X	.036	=	0.0000	PSI(2)
INCHES OF WATER IN TANK					
Line 1 + Line 2 = Total Positive Head Pressure in Tank			=	1.6900	PSI(3)
40.0000	X	.036	=	1.4400	PSI(4)
INCHES OF WATER OUTSIDE TANK					
Total Head Pressure Minus Outside Water Pressure			=	0.2500	+/-PSI(5)
Always add .5 PSI			+	0.7500	PSI(6)
NOTE: If Line 6 is Less Than .5 PSI Line 7 Shall be .5 PSI					
TEST PRESSURE			=	0.7500	+/-PSI(7)

ACOUSTIC TEST TIME

	Time	Pressure
Baseline	9:20	0.0000
Blower Started:	9:25	0.0000
Test Pressure Reached:	9:30	0.8300
Blower Turned Off:	9:35	0.8000
Test Began:	9:35	0.8000
Test Ended:	9:40	0.7600

EQUIPMENT CALIBRATION DUE DATE AND SERIAL NUMBERS

	Serial Number	Callibration Due Date
In-Tank Microphone		
Acoustic Signal Processor		
Pressure Sensor		
Water Sensor Display		
Water Sensor Probe		

WATER SENSOR CALIBRATION

Cal #1	60.0000	Cal #2	61.0000	Cal #3	60.0000
Calculation for Test Period:					
Avg. Cal.	60.0000	**Time of Test**	19.05		
Water Intrusion Period					
Began:	0955	Ended:	1017		

Height	94	Bottom to Grade	139.0000
Product in Tank	65.0000"	Water in Tank	0.0000"

VALLEY TANK TESTING
Achieving Compliance Through Commitment ...One Station at a Time

TANK TEST

FINAL REPORT

Test Date 11/06/2015

Manufactured by: Estabrook's Inc. 1-877-368-7215

TOTAL TANK VOL. 6000
PRODUCT VOL. 4244
ULLAGE VOL. 1756
PRODUCT TYPE Regular
PBS # (NEW YORK)
TANK # 01

Location Scotchman #3035
Address 7162 Market St
City/State/Zip Wilmington NC 28411
Location Contact
Location Phone
Depth of Groundwater Determined:
By: temporary well **Where:** tank backfill

THE ACOUSTIC CHARACTERISTIC OF A LEAK REVEALS:

X	**TIGHT TANK**
	THIS UNDERGROUND STORAGE TANK **PASSES** THE CRITERIA SET FORTH BY THE U.S. EPA.

WATER SENSOR INDICATES:

(CHECK ONLY ONE)

No Water Intrusion	x

OPERATOR INFORMATION

Print Name	Lester Johnson	Certification #	EZ3 Plus #21-5756
Sign Name		Expiration Date	2016-09-27
Testing Firm	Valley Tank Testing	Telephone #	713-668-6997
Address	451 Apollo Beach Blvd.		
	Apollo Beach, FL 33572		

NEW YORK STATE REQUIREMENT: A DIAGRAM OF THE TANK SYSTEM MUST BE SUBMITTED TO THE STATE WITH THIS REPORT

EQUIPMENT SERIAL NUMBERS AND CALIBRATION EXPIRATION DATES:

	SERIAL NUMBER		CALIBRATION EXPIRATION DATE
IN-TANK MICROPHONE			
ACOUSTIC SIGNAL PROCESSOR			
PRESSURE SENSOR			
WATER SENSOR DISPLAY			
WATER SENSOR PROBE			

VALLEY TANK TESTING
Achieving Compliance Through Commitment
...One Station at a Time

PETROTITE LINES TEST

Station:	*Scotchman #3035*	**Test Date:**	*11/06/2015*
Address:	*7162 Market St*	**Petro Tite Cert#:**	*PetroTite Line/Leak Detector Tester 3000023790*
City, State:	*Wilmington, NC*	**Result:**	*Pass*

Petro Tite Lines

Grade:	Regular
Line #:	1
Material:	Steel
Length (feet):	*75*
Diameter:	1.50
Number of Flex Connectors:	*2*

Test Pressure: *50.00* psi

Bleedback:

Allowable: *0.0620* gal

Measured: *0.0430* gal

STP Mauf.:	Red Jacket
Type of System:	Pressure

Line test conducted at:	08:25 | Impact Valve | Screwed Down Check Valve

Time (Military)	Log of Test Procedures	Pbefore	Pafter	Vbefore	Vafter	Net Change	Comments
08:30:00	*Pretest*		*50.00*				
09:00:00	*Start Line Test*		*50.00*		*0.0260*		
09:15:00	*Line Test Cont.*	*50.00*	*50.00*	*0.0260*	*0.0260*	*0.00000*	
09:30:00	*Line Test Cont.*	*50.00*	*50.00*	*0.0260*	*0.0260*	*0.00000*	
09:31:00	*Bleedback*	*50.00*	*0.00*	*0.0260*	*0.0690*	*0.04300*	

VALLEY TANK TESTING
Achieving Compliance Through Commitment
...One Station at a Time

PETROTITE LINES TEST

Station:	*Scotchman #3035*	**Test Date:**	*11/06/2015*
Address:	*7162 Market St*	**Petro Tite Cert#:**	*PetroTite Line/Leak Detector Tester 3000023790*
City, State:	*Wilmington, NC*	**Result:**	*Pass*

Petro Tite Lines

Grade:	Premium
Line #:	2
Material:	Steel
Length (feet):	*75*
Diameter:	1.50
Number of Flex Connectors:	*3*

Test Pressure: *50.00* psi

Bleedback:

Allowable: *0.0680* gal

Measured: *0.0400* gal

STP Mauf.:	Red Jacket
Type of System:	Pressure

Line test conducted at:	08:30 | Impact Valve | Screwed Down Check Valve

Time (Military)	Log of Test Procedures	Pbefore	Pafter	Vbefore	Vafter	Net Change	Comments
08:35:00	*Pretest*		*50.00*				
09:05:00	*Start Line Test*		*50.00*		*0.0140*		
09:20:00	*Line Test Cont.*	*50.00*	*50.00*	*0.0140*	*0.0140*	*0.00000*	
09:35:00	*Line Test Cont.*	*50.00*	*50.00*	*0.0140*	*0.0140*	*0.00000*	
09:36:00	*Bleedback*	*50.00*	*0.00*	*0.0140*	*0.0540*	*0.04000*	

VALLEY TANK TESTING
Achieving Compliance Through Commitment
...One Station at a Time

PETROTITE LINES TEST

Station:	*Scotchman #3035*	**Test Date:**	*11/06/2015*
Address:	*7162 Market St*	**Petro Tite Cert#:**	*PetroTite Line/Leak Detector Tester 3000023790*
City, State:	*Wilmington, NC*	**Result:**	*Pass*

Petro Tite Lines

Grade:	Regular
Line #:	3
Material:	Steel
Length (feet):	*75*
Diameter:	1.50
Number of Flex Connectors:	*2*

Test Pressure: *50.00* psi

Bleedback:

Allowable: *0.0620* gal

Measured: *0.0410* gal

STP Mauf.:	Red Jacket
Type of System:	Pressure

Line test conducted at:	08:35 | Impact Valve | Screwed Down Check Valve

Time (Military)	Log of Test Procedures	Pbefore	Pafter	Vbefore	Vafter	Net Change	Comments
08:40:00	*Pretest*		*50.00*				
09:10:00	*Start Line Test*		*50.00*		*0.0390*		.
09:25:00	*Line Test Cont.*	*50.00*	*50.00*	*0.0390*	*0.0390*	*0.00000*	
09:40:00	*Line Test Cont.*	*50.00*	*50.00*	*0.0390*	*0.0390*	*0.00000*	
09:41:00	*Bleedback*	*50.00*	*0.00*	*0.0390*	*0.0800*	*0.04100*	

VALLEY TANK TESTING
Achieving Compliance Through Commitment
...One Station at a Time

TEST DATE
11/06/2015

LEAK DETECTOR TEST

Test Location Information

Name	Scotchman #3035
Address	7162 Market St
City	Wilmington
Phone	
Contact	

Testing Company Information

Name	Valley Tank Testing
Address	451 Apollo Beach Blvd.
City	Apollo Beach
Phone	(713)668-6997

Technician Information

Name	Lester Johnson
Cert #	PetroTite Line/Leak Detector Tester 3000023790 EZ3 Plus #21-5756

TYPE OF LEAK DETECTOR

PUMP #	MAKE	MODEL	SERIAL #
1	Red Jacket	FX1V	21211 6077
3	Red Jacket	FX1V	21205 1230
2	Red Jacket	FX1V	20410 0355

PUMP #	PRODUCT	DISPENSER	METERING PRESSURE	FUNCTIONAL ELEMENT HOLDING PSI	(GALLONS) RESILIENCY	TEST LEAK RATE ML/MIN	(SEC) OPENING TIME	PASS/FAIL
1	Regular	3/4	27	18	.029	189ml	3	Pass
3	Premium	3/4	27	19	.024	189ml	3	Pass
2	Regular	1/2	28	18	.031	189ml	3	Pass

UST-6F/23B Triennial UST Containment Sump / UDC Integrity Testing (for components installed on or after 11/1/2007)

NCDENR

- A separate form should be used for each facility. If there are more than six (6) UDC / containment sumps at this facility, make additional copies of this page.
- The last periodic tightness test record must be maintained at the UST site or the tank owner or operators place of business and must be readily available for inspection.
- If any periodic test fails, a suspected release report must be submitted on a UST-17A form, *UST Suspected Release 24 Hour Notice*. The suspected release must be investigated, in accordance with 15A NCAC 2N .0603, and any defective equipment repaired in accordance with 15A NCAC 2N .0404/.0900. Results of the investigation must be submitted on a UST-17B form, *UST Suspected Release 7 Day Notice*.

UST FACILITY

Owner / Operator Name	Facility Name	Facility ID#:
	FasMart	3035
Facility Street Address	**Facility City**	**County**
7162 Market Street	Wilmington	

TESTING CONTRACTOR INFORMATION

Company Name	Phone	E-mail Address	
Valley Tank Testing	813-671-9065	info@valleytank.com	
Mailing Address	**City**	**State**	**Zip**
451 Apollo Beach Blvd	Apollo Beach	FL	33572

I certify, under penalty of law, that the testing data provided on this form documents the UST system equipment was tested in accordance with the manufacturer's guidelines and the applicable national industry standards listed in 15A NCAC 2N .0900.

Print Name of person conducting test	Signature of person conducting test	
Lester Johnson		

UNDER DISPENSER CONTAINMENT (UDC) / CONTAINMENT SUMP TESTING

- Containment sumps that are not monitored continuously for releases using vacuum, pressure, or hydrostatic interstitial monitoring methods shall be tightness tested at installation and every three (3) years following installation in accordance with the manufacturer's written guidelines and PEI/RP100, "Recommended Practice for Installation of Underground Liquid Storage Systems."
- If the containment sump or UDC test results are not within the manufacturer's written guidelines or the manufacturer does not have written test evaluation guidelines then any change in level for a hydrostatic test within 4 hours or change in vacuum within 1 hour for a vacuum test must be considered a failing integrity test. For hydrostatic tests, please indicate the measured depths of water in the sump as the Begin | End Levels.
- If a UDC / containment sump fails a periodic tightness test, the sump must be replaced or repaired by the manufacturer, or the manufacturer's authorized representative in accordance with the manufacturer's specifications.
- Following replacement or repair, the UDC / containment sump must be re-tested for tightness.

Test Method Used	Test Equipment Used (If applicable)
☒ Hydrostatic ☐ Vacuum ☐ Other *(Specify)*	

Identify UDC/sump *(By Dispenser No. or Tank Number, Tank Size, Stored Product; e.g. #1 10k Regular STP, Disp 1/2, etc.)*	☒Dispenser # ☐Tank # 1/2	☒Dispenser # ☐Tank # 3/4	☐Dispenser # ☐Tank #	☐Dispenser # ☐Tank #	☐Dispenser # ☐Tank #	☐Dispenser # ☐Tank #
Transition sumps should be listed above as "TS-XX" (with XX= sump ID#)						
Sump Manufacturer						
Sump Material	☒ FRP ☐ Plastic	☒ FRP ☐ Plastic	☒ FRP ☐ Plastic	☒ FRP ☐ Plastic	☐ FRP ☐ Plastic	☐ FRP ☐ Plastic
Sump Type	☒ Single Wall ☐ Double Wall	☒ Single Wall ☐ Double Wall	☒ Single Wall ☐ Double Wall	☒ Single Wall ☐ Double Wall	☐ Single Wall ☐ Double Wall	☐ Single Wall ☐ Double Wall
Indicate units for all measurements						
Sump Depth	30"	30"				
Height from sump bottom to top of highest penetration or sump sidewall seam	9"	9"				
Wait time between applying vacuum/water and start of test	5 Min	5 Min				
Test Date	11/6/15	11/6/15				
Begin | End Test Time	10:10 | 14:10	10:15 | 14:15	|	|	|	|
Begin | End Level	14" | 14"	14" | 14"	|	|	|	|
Test Result	☒ Pass ☐ Fail	☒ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Date next Containment Sump/UDC integrity test are due (required every 3 years)

UST-6D/23A Triennial UST Spill Bucket Integrity Testing

(for components installed on or after 11/1/2007 or when returning any UST system to service from temporary closure)

NCDENR

This form must be used to document spill bucket testing (for spill buckets not monitored continuously for releases using vacuum, pressure, or hydrostatic methods) for UST systems installed on or after November 1, 2007 (this includes existing UST systems that have installed or replaced the spill bucket on or after November 1, 2007) or for any existing UST system regardless of installation date prior to returning to service from temporary closure.

- A separate form should be used for each facility. If there are more than five (5) spill buckets at this facility, make additional copies of this page.
- The last periodic tightness test record must be maintained at the UST site or the tank owner or operators place of business and must be readily available for inspection.
- If any periodic test fails, a suspected release report must be submitted on a UST-17A form, *UST Suspected Release 24 Hour Notice*. The suspected release must be investigated, in accordance with 15A NCAC 2N .0603, and any defective equipment repaired in accordance with 15A NCAC 2N .0404/.0900. Results of the investigation must be submitted on a UST-17B form, *UST Suspected Release 7 Day Notice*.

UST FACILITY

Owner / Operator Name	Facility Name	Facility ID#:
	FasMart	3035
Facility Street Address	**Facility City**	**County**
7162 Market Street	Wilmington	

TESTING CONTRACTOR INFORMATION

Company Name	Phone	E-mail Address		
Valley Tank Testing	813-671-9065	info@valleytank.com		
Mailing Address	**City**		**State**	**Zip**
451 Apollo Beach Blvd	Apollo Beach		FL	33572

I certify, under penalty of law, that the testing data provided on this form documents the UST system equipment was tested in accordance with the manufacturer's guidelines and the applicable national industry standards listed in 15A NCAC 2N .0900.

Print Name of person conducting test	Signature of person conducting test
Lester Johnson	

SPILL BUCKET TESTING

- The primary containment and interstitial space of the spill bucket shall be tested in accordance with the manufacturers written guidelines and PEI/RP100 "Recommended Practice for Installation of Underground Liquid Storage Systems."
- If the spill bucket test results are not within the manufacturer's written guidelines or the manufacturer does not have written test evaluation guidelines then any change in level for a hydrostatic test within 1 hour or change in vacuum within 30 minutes for a vacuum test must be considered a failing integrity test. For hydrostatic tests, please indicate the measured depths of water in the spill bucket as the Begin I End Levels.
- If the spill bucket fails a tightness test, it must be replaced or repaired by the manufacturer, or the manufacturer's authorized representative in accordance with the manufacturer's specifications. Following any repair, the spill bucket must be re-tested for tightness.
- The primary and secondary walls are both considered to be tested at the same time if vacuum is used to test the interstice.

Test Method Used: ☒ Hydrostatic ☐ Vacuum ☐ Other *(Specify)* | Test Equipment Used (If applicable)

Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	**Tank #** 1	**Tank #** 2	**Tank #** 3	**Tank #**	**Tank #**
Tank Size Product	REG FILL	REG2 FILL	PREM		
Indicate units for all measurements					
Bucket Installation Type	☒ Direct Bury ☐ Containment sump	☒ Direct Bury ☐ Containment sump	☐ Direct Bury ☐ Containment sump	☐ Direct Bury ☐ Containment sump	☐ Direct Bury ☐ Containment sump
Bucket Manufacturer/Model	UNIVERSAL	UNIVERSAL	UNIVERSAL		
Bucket Diameter **X** Depth	12X14	12X14	12X14		
Wait time between applying vacuum/water and start of test	1 Min	1 Min	1 Min		
Primary Section Test Date	11/6/15	11/6/15	11/6/15		
Begin I End Test Time	12:10 | 13:10	12:10 | 13:10	12:10 | 13:10	|	|
Begin I End Reading	14" | 14"	14" | 14"	14" | 14"	|	|
Test Result	☒ Pass ☐ Fail	☒ Pass ☐ Fail	☒ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail
Secondary Interstice Test Date					
Begin I End Test Time	|	|	|	|	|
Begin I End Reading	|	|	|	|	|
Test Result	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Date next spill bucket tightness test are due (required every 3 years)

Appendix B

INITIAL ABATEMENT NOTIFICATIONS AND WASTE MANIFEST

UST-61 — 24-Hour Release and UST Leak Reporting Form.

For Releases in NC

This form should be completed and submitted to the UST Section's regional office following a known or suspected release from an underground storage tank (UST) system. This form is required to be submitted within 24 hours of discovery of a known or suspected release

(DWM USE ONLY)
Incident # _____ Risk (H,I,L,U)_____
Received On _____ Received By _____
Reported by (*circle one*): Phone, Fax or Report
Region _____

Suspected Contamination? (Y/N) Y
Confirmed GW Contamination? (Y/N) Y
Confirmed Soil Contamination ?(Y/N) Y
Samples Taken?(Y/N) N
Free Product? (Y/N) NA If Yes, State Greatest Thickness unknown

Facility ID Number 0-020168
Date Leak Discovered 11/6/15
Comm/Non-Commercial? Comm.
Reg/Non-regulated? Reg.

INCIDENT DESCRIPTION

Incident Name: Scotchman #3035

Address: 7162 Market St. | County: New Hanover

City/Town: Wilmington, NC | Zip Code: 28403 | Regional Office (*circle one*): Asheville, Mooresville, Fayetteville, Raleigh, Washington, Wilmington, Winston-Salem

Latitude (decimal degrees): 34.272003 Longitude (decimal degrees) : -77.818814

Obtained by:
- ☐ GPS
- ☐ Topographic map
- ☐ GIS Address matching
- ☒ Other
- ☐ Unknown

Describe location: Google Maps

Briefly describe suspected or confirmed release: *(including but not limited to: nature of release, date of release, amount of release, amount of free product present and recovery efforts, initial responses conducted, impacts to receptors)*

Please see Page 1 of the attached.

HOW RELEASE WAS DISCOVERED (Release Code)

(Check one)

- ☐ Release Detection Equipment or Methods
- ☐ During UST Closure/Removal
- ☐ Property Transfer
- ☐ Visual/Odor
- ☒ Water in Tank
- ☐ Water Supply Well Contamination
- ☐ Groundwater Contamination
- ☐ Surface Water Contamination
- ☐ Other (specify) _____

SOURCE OF CONTAMINATION

Source of Release *(Check one to indicate primary source)*
- ☒ Tank
- ☐ Piping
- ☐ Dispenser
- ☐ Submersible Turbine Pump
- ☐ Delivery Problem
- ☐ Other
- ☐ Unknown

Definitions presented on reverse

Cause of Release *(Check one to indicate primary cause)*
- ☐ Spill
- ☐ Overfill
- ☐ Corrosion
- ☐ Physical or Mechanical Damage
- ☐ Install Problem
- ☐ Other
- ☒ Unknown

Definitions presented on reverse

Type of Release *(Check one)*
- ☒ Petroleum
- ☐ Non-Petroleum
- ☐ Both

Location *(Check one)*
- ☒ Facility
- ☐ Residence
- ☐ Other

Product Type Released *(Check one to indicate primary product type released)*
- ☒ Gasoline/ Diesel/ Kerosene
- ☐ Heating Oil
- ☐ Other Petroleum Products
- ☐ Metals
- ☐ Other Inorganics
- ☐ Other Organics
- ☐ Diesel/Veg. Oil Blend
- ☐ Vegetable Oil 100%
- ☐ E10 – E20
- ☐ E21 – E84
- ☐ E85 – E99
- ☐ Ethanol 100%
- ☐ E01 – E09

Ownership
1. Municipal 2. Military 3. Unknown 4. Private 5. Federal 6. County 7. State

Operation Type
1. Public Service 2. Agricultural 3. Residential 4. Education/Relig. 5. Industrial 6. Commercial 7. Mining

IMPACT ON DRINKING WATER SUPPLIES

Water Supply Wells Affected? 1. Yes 2. No 3. Unknown

Number of Water Supply Wells Affected unknown

Water Supply Wells Contaminated: (*Include Users Names, Addresses and Phone Numbers. Attach additional sheet if necessary*)

1. unknown
2. unknown
3. unknown

UST SYSTEM OWNER

UST Owner/Company			
GPM Southeast, LLC			
Point of Contact		Address	
Palmer Williams		1410 Commonwealth Dr., Ste. 202	
City	State	Zip Code	Telephone Number
Wilmington	NC	28403	910-796-2454

UST SYSTEM OPERATOR

UST Operator/Company		Address	
same as above			
City	State	Zip Code	Telephone Number

LANDOWNER AT LOCATION OF UST INCIDENT

Landowner		Address	
same as above			
City	State	Zip Code	Telephone Number

Draw Sketch of Area (showing two major road intersections) or Attach Map

Please see Page 2 of the attached.

Person Reporting Incident Palmer Williams	Company GPM Southeast, LLC	Telephone Number 910-796-2454
Title Environmental Compliance Specialist	Address 1410 Commonwealth Dr., Ste. 202 Wilmington, NC 28403	Date 11/6/15

Definitions of Sources

Tank: means the tank that stores the product and is part of the underground storage tank system

Piping: means the piping and connectors running from the tank or submersible turbine pump to the dispenser or other end-use equipment (Vent, vapor recovery, or fill lines are excluded.)

Dispenser: includes the dispenser and the equipment used to connect the dispenser to the piping (e.g., a release from a suction pump or from components located above the shear valve)

Submersible Turbine Pump (STP) Area includes the submersible turbine pump head (typically located in the tank sump), the line leak detector, and the piping that connects the submersible turbine pump to the tank

Delivery Problem: identifies releases that occurred during product delivery to the tank. (Typical causes associated with this source are spills and overfills.)

Other: serves as the option to use when the release source is known but does not fit into one of the preceding categories (e.g., for releases from vent lines, vapor recovery lines, and fill lines)

Unknown: identifies releases for which the source has not been determined

Definitions of Causes

Spill: use this cause when a spill occurs (e.g., when the delivery hose is disconnected from the tank fill pipe or when the nozzle is removed from the dispenser)

Overfill: use when an overfill occurs (e.g., overfills may occur from the fill pipe at the tank or when the nozzle fails to shut off at the dispenser)

Physical or Mechanical Damage: use for all types of physical or mechanical damage, except corrosion (e.g., puncture of tank or piping, loose fittings, broken components, and components that have changed dimension)

Corrosion: use when a metal tank, piping, or other component has a release due to corrosion (e.g., for steel, corrosion takes the form of rust)

Installation Problem: use when the problem is determined to have occurred specifically because the UST system was not installed properly

Other: use this option when the cause is known but does not fit into one of the preceding categories (e.g., putting regulated substances into monitoring wells)

Unknown: use when the cause has not been determined

WALZ CERTIFIED MAILER™ FROM **WALZ**

FORM #35663 VERSION: 03/14
U.S. PAT. NO. 5,501,393

Label #1
NC DENR/DWM/UST Section
ATTN: Registration & Permitting
1637 Mail Service Center
Raleigh, NC 27699-1637

Label #2
Rolfe Lann
GPM Investments, LLC
8565 Magellan Parkway
Suite 400
Richmond, VA 23227

Label #3
Rolfe Lann
GPM Investments, LLC
8565 Magellan Parkway
Suite 400
Richmond, VA 23227

A **FOLD AND TEAR THIS WAY** → OPTIONAL

TEAR ALONG THIS LINE

9414 7266 9904 2017 0157 51

TO: NC DENR/DWM/UST Section
ATTN: Registration & Permitting
1637 Mail Service Center
Raleigh, NC 27699-1637

SENDER: Rolfe Lann

REFERENCE:

PS Form 3800, January 2005

RETURN RECEIPT SERVICE	Postage	
	Certified Fee	
	Return Receipt Fee	
	Restricted Delivery	
	Total Postage & Fees	

USPS®
Receipt for Certified Mail®
No Insurance Coverage Provided
Do Not Use for International Mail

POSTMARK OR DATE

B

Label #4
Certified Article Number
9414 7266 9904 2017 0157 51
SENDERS RECORD

Label #5
NC DENR/DWM/UST Section
ATTN: Registration & Permitting
1637 Mail Service Center
Raleigh, NC 27699-1637

Charge Amount:

Charge To:

FOLD AND TEAR THIS WAY →

Label #6
PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF RETURN ADDRESS. FOLD AT DOTTED LINE
CERTIFIED MAIL®
9414 7266 9904 2017 0157 51
RETURN RECEIPT REQUESTED

C

Thank you for using Return Receipt Service

RETURN RECEIPT REQUESTED
USPS® MAIL CARRIER
DETACH ALONG PERFORATION

2. Article Number
9414 7266 9904 2017 0157 51

3. Service Type **CERTIFIED MAIL®**

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

1. Article Addressed to:
NC DENR/DWM/UST Section
ATTN: Registration & Permitting
1637 Mail Service Center
Raleigh, NC 27699-1637

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) | B. Date of Delivery

C. Signature
X ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No

Reference Information
Rolfe Lann

PS Form 3811, January 2005 Domestic Return Receipt

Thank you for using Return Receipt Service

UST-8

NOTIFICATION FOR ACTIVITIES INVOLVING UNDERGROUND STORAGE TANK SYSTEMS (USTs)

NCDENR

RETURN COMPLETED FORM TO:

NC DENR / DWM / UST SECTION
1637 MAIL SERVICE CENTER
RALEIGH, NC 27699-1637
ATTN: REGISTRATION & PERMITTING
PHONE (919) 707-8171 FAX (919) 715-1117
http://portal.ncdenr.org/web/wm/

STATE USE ONLY
I.D. #_____
County_____

Underground Storage Tank (UST) system owners and operators are required by federal and state law to provide notification for all UST systems that were in the ground on or after May 8, 1986, unless taken out of operation on or before January 1, 1974. In addition, registration of commercial USTs in use on or after January 1, 1989 is necessary to comply with state law (N.C.G.S. 143-215.94C).

A UST system **owner** is: (a) in the case of a UST system in use on November 8, 1984, or brought into use after that date, any person who owns a UST system used for storage, use, or dispensing of regulated substances; and (b) in the case of any UST system in use before November 8, 1984, but no longer in use on that date, any person who owned such UST immediately before the discontinuation of its use.

A UST system **operator** is any person in control of, or having responsibility for, the daily operation of a UST system.

The primary purpose of this notification form is to obtain and update information on UST system locations, ownership, construction, product stored, leak detection and corrosion protection methods, etc. and to facilitate permitting and the payment of annual operating fees. It is expected that the information provided will be based on reasonably available records, or, in the absence of such records, personal knowledge, belief, or recollection.

Which USTs are included?
Regulated and/or commercial USTs, including the following:

- USTs used to store or resell petroleum product (e.g., motor fuels, jet fuels, waste oil, kerosene, varsol, transmission fluid, mineral spirits, gasohol, etc.)
- Heating oil USTs > 1,100 gallons (gals)
- Farm or residential USTs > 1,100 gals
- Emergency generator USTs
- Hydraulic lift USTs
- Oil-water separator USTs (containing petroleum in amounts > 1% of tank capacity)
- Hazardous substance USTs > 110 gals (e.g., alcohols, naphthalene, dry cleaning fluids, antifreeze, formaldehyde, hexane, etc.)

Which USTs are excluded?
Certain tanks are not included in these notification requirements. These tanks include the following: small home heating oil and farm tanks (≤ 1,100 gals), large heating oil tanks (> 1,100 gals) if used to heat four or fewer households and located on premises where used, septic tanks, storm water or waste water collection systems, flow-through process tanks, and tanks situated in an underground area (such as a basement, cellar, mine, shaft, vault or tunnel) if the tank is situated upon or above the surface of the floor.

INSTRUCTIONS

Please type or print all items except signature. This form must be completed by an owner or operator for each facility containing UST systems. If more than four (4) UST systems are owned at a facility, photocopy the necessary additional sheets and staple to this form.

Complete sections I through VI.A. and IX completely. Then only complete the applicable sections of VI.B. through VIII.

I. OWNERSHIP OF UST SYSTEM

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
RI CS5 LLC

Contact Name (if not named above)

Street Address
600 LA TERRAZA BLVD

City	State	Zip Code
ESCONDIDO	CA	92025

County
SAN DIEGO

Phone Number	Fax Number
800-375-6700	

☒ Check here if "Real" Property Owner of Site

Type of UST owner (check all that apply):

☐ State Gov't ☐ Local Gov't ☒ Private/Corporate

☐ Federal Gov't GSA Facility ID _____

II. OPERATOR OF UST SYSTEM ☐ Check if same as owner

Operator Name (Corporation, Individual, Public Agency, or Other Entity)
GPM Southeast LLC

Contact Name (if not named above)
Rolfe Lann

Street Address
8565 Magellan Pkwy, Suite 400

City	State	Zip Code
Richmond	VA	23227

County
Henrico

Phone Number	Fax Number
804-730-1568	804-417-1041

☐ Check here if "Real" Property Owner of Site

III. TYPE OF NOTIFICATION (check all that apply)

☐ Amendment of a previous registration form. (Complete **only** the items in the sections that follow that have changed from a previous UST-6B or UST-8 submittal)

☒ Temporary closure (Complete section VII)

☐ Existing Facility with UST system not previously registered (see fee payment instructions at the bottom of Page 6).

☐ Change of Ownership
A "Change of Ownership" form, UST-15 along with copies of the legal documents showing the transfer of tank ownership (e.g., bill of sale, property deed, etc.) **must** accompany this form.

Failure to complete a UST-15 will result in no effective change of ownership status

IV. LOCATION OF UST SYSTEM

Facility Name or Company SCOTCHMAN #3035	
Street Address 7162 Market St.	
City WILMINGTON	Zip Code 28405
County NEW HANOVER	Phone Number
County Tax Map Number:	
Facility ID (if known): 0-020168	

Indicate number of regulated tanks at this location: 3

Indicate total number of tanks at this location: 3

Check box if tanks are located on land within an Indian reservation or on other Indian lands ☐

Are any UST systems at this facility located within 500 feet of a water supply well? ☐ Yes ☐ No

V. CONTACT PERSON FOR UST LOCATION

Name	Job Title	Phone Number
Rolfe Lann	Corporate Environmental Manager	804-730-1568

VI. DESCRIPTION OF ALL UST OR COMPARTMENT SYSTEMS AT THIS FACILITY

A. UST Information

Tank/Compartment ID# (e.g., A, B, C or 1, 2, 3; If compartment tank 1A, 1B, 1C, etc.)	Tank No. 1	Tank No. 2	Tank No. 3	Tank No.
Date of Installation	1981	1981	1981	
Tank Manufacturer				
Tank Model				
Materials of construction [1]	SW Steel	SW Steel	SW Steel	
If Other (specify)				
Capacity (gallons) If compartment tank, list compartment size.	6000	4000	6000	
Check if tank is siphon manifolded and enter tank # it is manifolded with.	☐ /	☐ /	☐ /	☐ /
Product stored [2]	**Gasoline**	**Gasoline**	**Gasoline**	
If Hazardous substance, Chemical Abstract Service (CAS) number				
Other (specify)				

[1] Enter one of the following in the space provided: DW* FRP*** (e.g., Xerxes, Containment Solutions), DW* Steel, DW* Steel/FRP*** (e.g., ACT-100), DW* Steel/Polyurethane (e.g. ACT-100-U), DW* Steel/Jacketed (e.g., Permatank, Titan), Other, SW** FRP*** (e.g., Xerxes, Containment Solutions), SW** Steel, SW** Steel/FRP*** (e.g., ACT-100), SW** Steel/Polyurethane (e.g., ACT-100-U)

*DW = Double-walled **SW = Single-walled ***FRP = Fiberglass Reinforced Plastic

[2] Enter one of the following in the space provided: Aviation Gas, Biodiesel (> 20%) - Diesel Mix, Diesel, Ethanol (> 10%) -Gas Mix, Fuel Oil, Gasoline, Hazardous Substance, Heating Oil, Kerosene, Motor Oil, Other Non-Petroleum, Other Petroleum, Transmission Fluid, or Used Oil

B. Piping System

	Tank No. 1	Tank No. 2	Tank No. 3	Tank No.
Piping Manufacturer				
Piping Model				
Material of Construction [1]	DW Flex	DW Flex	DW Flex	
If Other (specify)				
Piping configuration (Pressurized, Suction, European Suction)	Pressurized	Pressurized	Pressurized	
If suction, check valve located at? (Tank, Dispenser, or Both)				

[1] Enter one of the following in the space provided: DW* Flex (e.g., APT XP, Environ GeoFlex), DW* FRP (e.g., Ameron Dualoy, Smith Fibercast Red Thread IIA), DW* Metal/Plastic (e.g., PetrofuseZP), DW* PVC, DW* Steel, None, Other, SW** Copper, SW** Flex, SW** FRP, SW** PVC, SW** Steel

*DW = Double-walled **SW = Single-walled ***FRP = Fiberglass Reinforced Plastic

C. Under Dispenser Containment (UDC)

Enter the dispenser number(s) in each column that will have the same make/model of dispenser UDC. If all dispenser UDCs will be the same then enter "ALL" as the number in column 1 and complete only column 1. Dispensers with the same UDCs only have to be entered in one of the columns with a list of the dispensers that have that model UDC.

	Dispenser #(s)	Dispenser #(s)	Dispenser #(s)	Dispenser #(s)
UDC Manufacturer				
UDC Model				
Is UDC Single (SW) or Double Walled (DW)? [1]				
Method of monitoring UDC [2]				
UDC Material of Construction [3]				
If Other (specify)				

[1] Enter one of the following choices: SW (single-walled) or DW (double-walled)

[2] Enter one of the following choices: Sump Sensor, Vacuum, Pressure, Hydrostatic, or None

[3] Enter one of the following choices: Plastic, FRP (Fiberglass Reinforced Plastic), Other

D. Leak detection (LD)[1] [Check any box or combination of boxes that apply] [Refer to 15A NCAC 2N .0504, .0505, and .0900]

Mark all that apply	Tank No. 1		Tank No. 2		Tank No. 3		Tank No.	
	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
a. Inventory control and tank tightness testing[2]	☒		☒		☒		☐	
b. Automatic tank gauging	☒		☒		☒		☐	
c. Manual tank gauging[3]	☐		☐		☐		☐	
d. Manual tank gauging and tank tightness testing[4]	☐		☐		☐		☐	
e. Interstitial monitoring	☐	☐	☐	☐	☐	☐	☐	☐
i. Method of Monitoring Interstice[1]								
f. Statistical inventory reconciliation	☐	☐	☐	☐	☐	☐	☐	☐
g. Groundwater monitoring every 14 days[5]	☐	☐	☐	☐	☐	☐	☐	☐
h. Vapor monitoring every 14 days	☐	☐	☐	☐	☐	☐	☐	☐
i. Automatic line leak detector[6]								
i. Mechanical line leak detector		☒		☒		☒		☐
ii. Electronic line leak detector		☐		☐		☐		☐
j. Periodic line tightness testing		☒		☒		☒		☐
k. Exempt under 40 CFR 280.41 (b) (2) (i)-(iv) (this exemption applies only to "European" suction systems)		☐		☐		☐		☐
l. Other state approved method (specify):								
m. Leak detection not required at this facility because: the UST system at this facility is not regulated (e.g., UST system at this facility stores heating oil for onsite use).	☐	☐	☐	☐	☐	☐	☐	☐
n. Leak detection not required at this facility because: the UST system stores fuel solely for use by emergency power generators. (If installed prior to 11/1/07)	☐	☐	☐	☐	☐	☐	☐	☐
o. Leak detection not required at this facility because: the UST system at this facility is a wastewater treatment tank system (e.g. oil/water separator tank).	☐	☐	☐	☐	☐	☐	☐	☐
Date leak detection method above initiated								

D. Leak detection (LD) (Continued)

	Tank No. 1	Tank No. 2	Tank No. 3	Tank No.
Monitoring console manufacturer/model	VR-450	VR-450	VR-450	
Electronic line leak detector manufacturer /model				
Interstitial sensor manufacturer/model – tank				
Interstitial sensor manufacturer/model – piping				
Interstitial sensor manufacturer/model – spill prevention equipment				

Enter the dispenser number(s) in each column that will have the same make/model of interstitial sensor. If all dispenser interstitial sensors will be the same then enter "ALL" as the number in column 1 and complete only column 1. Dispensers with the same interstitial sensors only have to be entered in one of the columns with a list of the dispensers that have that model interstitial sensor.

	Dispenser #(s)	Dispenser #(s)	Dispenser #(s)	Dispenser #(s)
Interstitial sensor manufacturer/model – UDC				

[1] Interstitial monitoring leak detection is required for all UST systems installed on or after 11/1/2007. You must enter one of the following choices - Tank: Vacuum, Pressure, or Hydrostatic; Piping: Sump sensor, Vacuum, Pressure, or Hydrostatic. Interstitial monitoring leak detection is also required for all UST systems that store a hazardous substance or that are located between 100 and 500 feet of a public water supply well or between 50 and 100 feet of any other well used for human consumption or within 500 feet of a protected surface water classified as High Quality Water (HQW), Outstanding Resource Water (ORW), Water Supply I (WS-I), Water Supply II (WS-II), or Shell Fishing (SA). *(The only exception is for single-walled underground petroleum tanks in the locations described above and installed after January 1, 1991 and before May 1, 2000. Owners and operators of these tanks may use enhanced leak detection as a temporary method until January 1, 2016. Enhanced leak detection consists of 0.2 gallon per hour weekly leak rate tests using an automatic tank gauge plus annual sampling of supply wells within 500 feet for constituents of petroleum.)*

[2] This method can only be used for 10 years after tank installation or upgrade with corrosion protection, whichever is later. Tank tightness tests must be completed at installation and then every five years.

[3] This method is only valid for USTs 550-gallon or less in capacity.

[4] This method is only valid for USTs 551 to 2,000-gallons in capacity and can only be used for 10 years after tank installation or upgrade with corrosion protection, whichever is later. Tank tightness tests must be completed at installation and then every five years.

[5] Can only be used if groundwater is never more than 20 feet from ground surface.

[6] A mechanical or electronic line leak detector is required for all pressurized piping systems. Additionally you must either perform annual line tightness testing or conduct a monthly monitoring method (e.g., statistical inventory reconciliation, interstitial monitoring, or 0.1 gallon per hour tests monthly using an electronic line leak detector).

E. Corrosion protection (CP) [check any method or combination of methods that apply] [Refer to 15A NCAC 2N .0301 and .0302]

	Tank No. 1		Tank No. 2		Tank No. 3		Tank No.	
	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Sacrificial anodes	☐	☐	☐	☐	☐	☐	☐	☐
Impressed current	☒	☐	☒	☐	☒	☐	☐	☐
Fiberglass Reinforced Plastic (FRP)	☐	☐	☐	☐	☐	☐	☐	☐
Flexible Pipe		☒		☒		☒		☐
Steel/FRP Composite	☐		☐		☐		☐	
Steel/Polyurethane Composite	☐		☐		☐		☐	
Steel/Jacketed	☐		☐		☐		☐	
Internal lining	☐		☐		☐		☐	
Other (specify)								
None	☐	☐	☐	☐	☐	☐	☐	☐
Date CP method above installed								

F. Flexible connectors, Submersible pumps, and Riser pipes

	Tank No. 1		Tank No. 2		Tank No. 3		Tank No.	
	Tank	Dispenser	Tank	Dispenser	Tank	Dispenser	Tank	Dispenser
Flex connector is present[1]								
Flex connector is isolated from the ground[1]								
If "No", cathodic protection method[2]								
Submersible pump (STP) is isolated from ground[1] (pressurized piping only)								
If "No", cathodic protection method[2]								
Riser pipes and/or other metal fittings are isolated from ground[1]								
If "No", cathodic protection method[2]								

[1] Enter one of the following choices: Yes, No

[2] Enter one of the following choices: IC (Impressed Current), SA (Sacrificial Anode), N (None)

G. Spill/Overfill Protection

	Tank No. 1	Tank No. 2	Tank No. 3	Tank No.
Spill Prevention Equipment Type (Enter Catchment Basin, None, or Not Required [1])	Catchment Basin	Catchment Basin	Catchment Basin	
Spill Prevention Equipment Manufacturer				
Spill Prevention Equipment Model				
If double-walled, method of monitoring interstice [2]				
Date spill prevention listed above installed				
Overfill Prevention Equipment Type (Enter Automatic shutoff, Alarm at tank, Ball float [3], None, or Not Required [1])	Automatic Shutoff	Automatic Shutoff	Automatic Shutoff	
Overfill Prevention Equipment Manufacturer				
Overfill Prevention Equipment Model				
Date overfill prevention listed above installed				

[1] Not Required is only valid for USTs that are always filled by transfers that are 25 gallons or less.

[2] Enter one of the following choices : Float sensor, Vacuum, Pressure, Hydrostatic, or None

[3] Ball Floats can not be used with coaxial vapor recovery or suction piping systems.

H. Stage I Vapor Recovery (For Gasoline USTs only):

	Tank No. 1	Tank No. 2	Tank No. 3	Tank No.
Combined annual throughput (gallons)				
Coaxial system	☐	☐	☐	☐
Dual point system	☐	☐	☐	☐
Vapor recovery is not required for this UST*	☐	☐	☐	☐
Date installed				

* Stage I vapor recovery equipment must be installed for all applicable gasoline USTs. [Note: the following gasoline USTs are not required to have Stage I vapor recovery: a) tanks that are 550 gallons in capacity or less, b) tanks that are 2,000 gallons in capacity or less and that were installed before July 1, 1979, and c) tanks at facilities that have a combined annual throughput of less than 50,000 gallons per year].

VII. OUT OF OPERATION UST SYSTEMS

	Tank No.	Tank No.	Tank No. 3	Tank No.
Date permanently closed (removed or fill with solid, inert material)			N/A	
Date temporary closure began			11/9/15	
Date temporary closure ended			N/A	

UST-8 NOTIFICATION FOR ACTIVITIES INVOLVING UNDERGROUND STORAGE TANK SYSTEMS (USTs)

VIII. FINANCIAL RESPONSIBILITY (for Regulated Petroleum USTs ONLY)

The financial responsibility regulations (15A NCAC 2O) require that owners and operators of regulated petroleum USTs assure the availability of funds to pay for assessment and cleanup costs in the event of a leaking tank*. The payment of annual tank operating fees into the State Trust Funds fulfills a major portion of the financial responsibility requirements. However, to completely fulfill the requirements, additional funds must be assured by one or more of the mechanisms listed below. The amount of additional financial responsibility required (at a minimum) is the sum of the "3rd Party ($100,000.00)" and "Cleanup ($20,000.00)" State Trust Fund deductibles plus $600/tank (scaling factor). The State Trust Funds **may not** be used to cover the amount of the deductibles. Federal and state governments owning regulated petroleum UST systems are exempt.

☐ Tank Owner is providing Financial Responsibility

☒ Tank Operator is providing Financial Responsibility

(Check all financial responsibility mechanisms that apply):

☐ Self-insurance
☒ Corporate guarantee
☐ Insurance and risk retention group coverage
Policy # _____
Insurer _____
☐ Surety bond
☐ Letter of Credit
☐ Insurance pools
☐ Escrow account
☐ Local government bond rating test
☐ Local government financial test
☐ Local government guarantee
☐ Local government dedicated fund
☐ None
☐ Other

Period of Coverage: 1/1/2015 to 12/31/2015

☐ I am attaching proof of financial responsibility and a Certification of Financial Responsibility form.

☒ I have previously submitted proof of financial responsibility and a Certification of Financial Responsibility form to DWM and there have been **NO** changes made since that submittal.

IX. CERTIFICATION AND ACKNOWLEDGEMENT (Read and Sign After Completing Sections I - VII)

I certify, under penalty of law, that I have personally examined and am familiar with the information submitted in this and all attached documents; and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete. In addition, I certify that all applicable State and Federal UST requirements have been complied with.

If signing as an officer of a corporation, representative of a public agency, administrator of an estate, or as having power of attorney, you must provide a copy of the legal document that proves you can legally sign in such capacity.

The owner must certify if providing financial responsibility.

Print Name of Owner or Authorized Representative

Print Title of Owner or Authorized Representative

Signature

Date Signed

The operator must certify if providing financial responsibility.

GPM Southeast, LLC - Rolfe Lann
Print Name of Operator or Authorized Representative

Director of Environmental
Print Title of Operator or Authorized Representative

Signature

11/19/2015
Date Signed

Penalties: Pursuant to N.C.G.S.143-215.94W any UST system owner or operator who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 per day, per violation.

PAYMENT OF ANNUAL UST OPERATING FEES

If this form is being used to notify DWM of USTs which have not been previously registered, annual operating fees may be due.
Contact us at (919) 707-8171 to determine the amount of fees that are due.
A check (made payable to DENR-UST) for the annual operating fees must be submitted with this form

APPENDIX: STATION PUMP OUT/PUMP OVER CHARGES

TRIP TICKET #: 6524717

DATE: 11-2-15

FIRST DRIVER TIME

DRIVER NAME: Nate Francis DRIVER #: 11543

STORE #: 35 STORE #: 22

TERMINAL DEPARTURE: 0441 TERMINAL RETURN: 1700

SECOND DRIVER TIME

DRIVER NAME: _____ DRIVER #: _____

TERMINAL DEPARTURE: _____ TERMINAL RETURN: _____

DELIVERY WITH PUMP OUT

TIME PUMP OUT/OVER BEGAN: 0505 TIME PUMP OUT/OVER ENDED: 7:10

Removed 3056 (gal)

BEGINNING STICK READING: 52.5 ENDING STICK READING: 10

Dropped (gal) Gr- 3056 N- 3056

TIME PUMP OFF STARTED: 0755 TIME PUMP OFF FINISHED: 0825

BEGINNING STICK READING: 20 ENDING STICK READING: 46

CUSTOMER (STORE) SIGNATURES

STORE #: 35 SIGNATURE: _____

STORE #: 22 SIGNATURE: _____

STATION PUMP OUT/PUMP OVER CHARGES, Revised, January, 2003

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
[illegible]	1	800-310-6757	1115-6-002

Generator's Name and Mailing Address: Scotchman #3035
7162 Market Street
Wilmington, NC

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: SR&R Environmental — U.S. EPA ID Number: NC0000926618

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: SR&R Environmental
4920 US Highway 421 N
Wilmington, NC 28401 — U.S. EPA ID Number: NC0000926618

Facility's Phone: 800-310-6757

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-regulated petroleum contact water	1	TT	159	G
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Pump 2" phase separation from the premium tank.

529

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Benjamin Pothson — Signature: Benjamin Pothson — Month: 11 Day: 6 Year: 15

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: W D Murrell Jr — Signature: [signature] — Month: 11 Day: 16 Year: 15
Transporter 2 Printed/Typed Name — Signature — Month: Day: Year:

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month: Day: Year:

501 1401-00

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name: The Owner — Signature: [signature] — Month: 11 Day: 29 Year: 15

DESIGNATED FACILITY'S COPY

Appendix C

UST CLOSURE NOTIFICATION AND WASTE MANIFEST

UST-3 Notice of Intent: UST Permanent Closure or Change-in-Service

Return completed form to:
The DWM Regional Office located in the area where the facility is located. Send a copy to the Central Office in Raleigh so that the status of the tank may be changed to "PERMANENTLY CLOSED" and your tank fee account can be closed out.
SEE MAP ON THE BACK OF THIS FORM FOR THE CENTRAL AND REGIONAL OFFICE ADDRESSES.

STATE USE ONLY
I.D. #_____
Date Received_____

INSTRUCTIONS (READ THIS FIRST)

Complete and return at least **thirty (30) days** prior to closure or change-in-service activities. If a Professional Engineer (P.E.) or a Licensed Geologist (L.G.) provides supervision for closure or change-in-service site assessment activities and signs and seals all closure reports then at least a **five (5) working days** notice is acceptable.

Completed UST closure or change-in-service site assessment reports, along with a copy of the UST-2 form, should be submitted to the appropriate Division of Waste Management (DWM) Regional Office within thirty (30) days following closure activities. The UST-2 form should also be submitted to the Central Office in Raleigh so that the status of the tanks may be changed to permanently closed and your tank fee account can be closed out.

UST closure and change-in-service site assessments must be completed in accordance with the latest version of the *Guidelines for Site Checks, Tank Closure and Initial Response*. The guidelines can be obtained at http://www.wastenotnc.org/web/wm/. Note: To close tanks in place you must obtain prior approval from the DWM Regional office located in the region where the facility is located.

You must make sure that USTs removed from your property are disposed of properly. When choosing a closure contractor, ask where the tank(s) will be taken for disposal. Usually, USTs are cleaned and cut up for scrap metal. This is dangerous work and must be performed by a qualified company. Tanks disposed of illegally in fields or other dumpsites can leak petroleum products and sludge into the environment. If your tanks are disposed of improperly, you could be held responsible for the cleanup of any environmental damage that occurs.

I. OWNERSHIP OF TANKS

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
RICS 5, LLC

Street Address
~~600 La Terraza Blvd~~ 11995 El Camino Real

City
~~Escondido~~ San Diego

County
San Diego

State
CA

Zip Code
~~92025~~ 92130

Phone Number

II. LOCATION

Facility Name or Company
Scotchman #3035

Facility ID # (If known)
0-020168

Street Address
7162 Market Street

City
Wilmington

County
New Hanover

Zip Code
28405

Phone Number
(910) 796-2418

III. CONTACT PERSONNEL

Name:	Company Name:	Job Title:	Phone Number:
Rolfe Lann	GPM Investments, LLC	Director of Environmental	(804) 730-1568

IV. TANK REMOVAL, CLOSURE IN PLACE, CHANGE-IN SERVICE

1. Contact local fire marshal.
2. Plan entire closure event.
3. Conduct Site Soil Assessment.
4. If removing tanks or closing in place, refer to API Publication 2015 *Cleaning Petroleum Storage Tanks* and 1604 *Removal and Disposal of Used Underground Petroleum Storage Tanks.*
5. Provide a sketch locating piping, tanks and soil sampling locations.
6. Submit a closure report in the format of UST-12 (including the form UST-2) within thirty (30) days following the site investigation.
7. If a release from the tanks has occurred, the site assessment portion of the tank closure must be conducted under the supervision of a P.E. or L.G., with all closure site assessment reports bearing the signature and seal of the P.E. or L.G. If a release has not occurred, the supervision, signature or seal of a P.E. or L.G. is not required.
8. Keep closure records for three (3) years.

V. WORK TO BE PERFORMED BY

Contractor Name:	Contractor Company Name:		
Gene Cline	Zebra Environmental		
Address:	**State:**	**Zip Code:**	**Phone No:**
901 E. Springfield Road	SC	27263	(336)841-5276
Primary Consultant Name:	**Primary Consultant Company Name:**		**Consultant Phone No:**
Kyle Sorensen	Antea Group		(704) 324-7045

VI. TANKS SCHEDULED FOR CLOSURE OR CHANGE-IN-SERVICE

Tank ID No.	Size in Gallons	Last Contents	Proposed Activity: Closure – Removal	Proposed Activity: Closure – Abandonment in Place *	Proposed Activity: Change-In-Service – New Contents Stored
1	6000	Gasoline	■	☐	
2	4000	Gasoline	■	☐	
3	6000	Gasoline	■	☐	
			☐	☐	
			☐	☐	

* Prior written approval to abandon a tank in place must be received from a DWM Regional Office.

VII. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

I understand that I can be held responsible for environmental damage resulting from the improper disposal of my USTs.

Print name and official title: General Counsel + EVP

Signature	Date Signed	SCHEDULED REMOVAL DATE	Notify your DWM Regional Office 48 hours before this date if scheduled removal date changes
	3.11.16	3/23/16	

UST-3 Rev 10/2015

Approved As To Form
Legal Department
L. Satterfield

* RI CS5, LLC, a Delaware LLC, by Realty Income Corporation, a MD Corporation, its manager

MATERIAL MANIFEST

Zebra Environmental & Industrial Services

EMERGENCY PHONE NO. (336) 841-5276

POST OFFICE BOX 357 HIGH POINT, NC 27261

TEL (336) 841-5276 FAX (336) 841-5509

Manifest Document No.

Page 1 of 1

Zebra Job No. 60584

GENERATOR INFORMATION

Name ~~Gerber~~ GPM

US EPA ID No.

Street Address 7162 market St Wilmington NC. 28411

Mailing Address

Phone No.

Contact

DESCRIPTION OF MATERIALS

	HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div	UN / NA ID No.	Packing Group	Containers Qty.	Containers Type	Total Quantity	Unit Wt./Vol.
a.		Non Haz liquids Nos / sludge				1	TT	723	G
b.									
c.									

ADDITIONAL INFORMATION		ERG No.	Zebra Profile Code	Facility Use
a.	PCW / Sand / Sludge -			
b.				
c.				

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name | Signature | Mo. / Day / Yr.

TRANSPORTER INFORMATION

Transporter Zebra Environmental & Industrial Services Inc

Address 901 East Springfield Road High Point, NC 27263

Transporter or EPA ID No. NCO991302669

Unit No. V+ -10

Phone (336) 841-5276

I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.

Signature James Elixson Shipment Date 3-23-14

I hereby acknowledge receipt of the above-described materials were received from the generator site and were transported to the facility listed below.

Signature Steve Delivery Date 3/23/14

FACILITY INFORMATION

Facility Zebra Environmental & Industrial Serv.

Address 901 E. Springfield Rd. High Point NC 27263

Facility or EPA ID No. NC0991302669

Phone 336-841-5278

Contact David Tedder

I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.

Signature Steve Receipt Date 3/23/14

Discrepancies / Routing Codes / Handing Methods

a. ~~3-44 drums Sludge~~ Liquids 550 gallons

b. 3.14 drums Sludge = 173 gallons

c.

ORIGINAL - Facility Retain COPY 2 - Return to Generator COPY 3 - Transporter Retain COPY 4 - Generator Retain

Appendix D

IMAGES OF UST CLOSURE AND EXCAVATION ACTIVITIES

	Photo 1: USTs uncovered and cleaned, facing southeast
	Photo 2: Removing UST #2- 6,000 gallon UST facing south

	Photo 3: Removing UST #1- 6,000 gallon UST facing southwest
	Photo 4: Removing UST #3 – 4,000 gallon UST facing north

	Photo 5: USTs removed, note ground-water, facing southeast
	Photo 6: Stained soil beneath UST #3

	Photo 7: End view of UST #1
	Photo 8: Side view of UST #2

	Photo 9: Side view of UST #3
	Photo 10: Side and end view of UST #3

	Photo 11: End view of UST #3
	Photo 12: Begin over-excavation near MW-5, facing west

	Photo 13: Continue excavation around MW-5, facing east
	Photo 14: Begin backfilling, note steel UST vent pipes to the right, remedial system PVC pipe, and ground-water, facing southeast

	Photo 15: Clean sand fill, facing southeast

Appendix E

LABORATORY REPORT FOR SOIL SAMPLES

Analytical Report 527416

for

Antea Group - Charlotte

Project Manager: Kyle Sorensen

GPM 3035

04-APR-16

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-15-19), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
Oklahoma (9218)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400)
Xenco-San Antonio: Texas (T104704534-15-1)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Texas (T104704477), Louisiana (04176), USDA (P330-07-00105)

Xenco-Lakeland: Florida (E84098)

04-APR-16

Project Manager: **Kyle Sorensen**
Antea Group - Charlotte
3530 Toringdon Way
Suite 106
Charlotte, NC 28277

Reference: XENCO Report No(s): **527416**
GPM 3035
Project Address: NC

Kyle Sorensen:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 527416. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 527416 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

J. Derek Rounsley
Project Manager

Sample Cross Reference 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
S-1	S	03-24-16 09:00		527416-001
S-3	S	03-24-16 09:20		527416-002
S-4	S	03-24-16 09:32		527416-003
S-5	S	03-24-16 09:35		527416-004
S-2	S	03-24-16 13:35		527416-005
S-6	S	03-24-16 13:37		527416-006
D-1	S	03-24-16 14:30		527416-007
L-1	S	03-24-16 14:32		527416-008
S-7	S	03-24-16 14:38		527416-009
S-8	S	03-24-16 14:42		527416-010
S-9	S	03-24-16 14:50		527416-011
S-10	S	03-24-16 14:52		527416-012

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Hits Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id : **S-1**
Lab Sample Id : 527416-001

Matrix : Soil
Date Collected : 03.24.16 09.00
Date Received : 03.25.16 09.30

% Moisture : 17.04
Basis : Dry Weight

Analytical Method : EPH by MADEP Method
Seq Number 991564

Prep Method: SW3550
Date Prep: 03.29.16 12.30

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Aliphatic Hydrocarbons C9-C18	ALHYDRC9	30.4	mg/kg	03.31.16 17.43		1
Aliphatic Hydrocarbons C19-C36	ALHYDRC1	34.8	mg/kg	03.31.16 17.43		1
Aromatic Hydrocarbons C11-22 (Unadj.)	C11C22	27.8	mg/kg	04.01.16 00.16		1

Analytical Method : VOCs by SW-846 8260B
Seq Number 991418

Prep Method: SW5035A
Date Prep: 03.30.16 13.06

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,2,4-Trimethylbenzene	95-63-6	0.923	mg/kg	03.30.16 20.30		50
1,3,5-Trimethylbenzene	108-67-8	0.362	mg/kg	03.30.16 20.30	J	50
Benzene	71-43-2	0.0491	mg/kg	03.30.16 20.30	J	50
Ethylbenzene	100-41-4	0.998	mg/kg	03.30.16 20.30		50
Isopropylbenzene	98-82-8	0.116	mg/kg	03.30.16 20.30	J	50
m,p-Xylenes	179601-23-1	2.58	mg/kg	03.30.16 20.30		50
Methylene chloride	75-09-2	1.39	mg/kg	03.30.16 20.30		50
n-Propylbenzene	103-65-1	0.378	mg/kg	03.30.16 20.30	J	50
Toluene	108-88-3	0.0823	mg/kg	03.30.16 20.30	J	50

Analytical Method : VPH by MADEP Method
Seq Number 991268

Prep Method: SW5030B
Date Prep: 03.26.16 13.57

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
C5-C8 Aliphatic (Unadj.)	ALHYDRC5	40.1	mg/kg	03.27.16 03.27		50
C9-C12 Aliphatic (Unadj.)	ALHYDRC9	6.85	mg/kg	03.27.16 03.27		50
C9-C10 Aromatic (Unadj.)	HYDC9C10	3.15	mg/kg	03.27.16 03.27		50

Hits Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id : **S-3**
Lab Sample Id : 527416-002

Matrix : Soil
Date Collected : 03.24.16 09.20
Date Received : 03.25.16 09.30

% Moisture : 14.44
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 991253

Prep Method: SW5035A
Date Prep: 03.28.16 12.08

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,2,4-Trimethylbenzene	95-63-6	0.0233	mg/kg	03.28.16 23.15		1
1,3,5-Trimethylbenzene	108-67-8	0.0174	mg/kg	03.28.16 23.15		1
Acetone	67-64-1	0.0342	mg/kg	03.28.16 23.15	J	1
Ethylbenzene	100-41-4	0.00268	mg/kg	03.28.16 23.15	J	1
Isopropylbenzene	98-82-8	0.00143	mg/kg	03.28.16 23.15	J	1
m,p-Xylenes	179601-23-1	0.0194	mg/kg	03.28.16 23.15		1
Methylene chloride	75-09-2	0.00503	mg/kg	03.28.16 23.15	BJ	1
Naphthalene	91-20-3	0.00766	mg/kg	03.28.16 23.15		1
n-Butylbenzene	104-51-8	0.00172	mg/kg	03.28.16 23.15	J	1
n-Propylbenzene	103-65-1	0.00202	mg/kg	03.28.16 23.15	J	1
o-Xylene	95-47-6	0.00933	mg/kg	03.28.16 23.15		1
Toluene	108-88-3	0.00390	mg/kg	03.28.16 23.15	J	1

Sample Id : **S-4**
Lab Sample Id : 527416-003

Matrix : Soil
Date Collected : 03.24.16 09.32
Date Received : 03.25.16 09.30

% Moisture : 5.38
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 991253

Prep Method: SW5035A
Date Prep: 03.28.16 12.08

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,2,4-Trimethylbenzene	95-63-6	0.0484	mg/kg	03.28.16 23.41		1
1,3,5-Trimethylbenzene	108-67-8	0.0127	mg/kg	03.28.16 23.41		1
Acetone	67-64-1	0.0221	mg/kg	03.28.16 23.41	J	1
Benzene	71-43-2	0.00379	mg/kg	03.28.16 23.41	J	1
Ethylbenzene	100-41-4	0.00562	mg/kg	03.28.16 23.41	J	1
Isopropylbenzene	98-82-8	0.00119	mg/kg	03.28.16 23.41	J	1
m,p-Xylenes	179601-23-1	0.0463	mg/kg	03.28.16 23.41		1
Methylene chloride	75-09-2	0.00543	mg/kg	03.28.16 23.41	BJ	1
Naphthalene	91-20-3	0.0120	mg/kg	03.28.16 23.41		1
n-Butylbenzene	104-51-8	0.00410	mg/kg	03.28.16 23.41	J	1
n-Propylbenzene	103-65-1	0.00378	mg/kg	03.28.16 23.41	J	1
o-Xylene	95-47-6	0.0244	mg/kg	03.28.16 23.41		1
Toluene	108-88-3	0.0142	mg/kg	03.28.16 23.41		1

Hits Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id : **S-5**
Lab Sample Id : 527416-004

Matrix : Soil
Date Collected : 03.24.16 09.35
Date Received : 03.25.16 09.30

% Moisture : 4.78
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 991381

Prep Method: SW5035A
Date Prep: 03.29.16 10.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,3,5-Trimethylbenzene	108-67-8	0.102	mg/kg	03.29.16 17.03		1
Acetone	67-64-1	0.0195	mg/kg	03.29.16 17.03	J	1
Benzene	71-43-2	0.00204	mg/kg	03.29.16 17.03	J	1
Ethylbenzene	100-41-4	0.0204	mg/kg	03.29.16 17.03		1
Isopropylbenzene	98-82-8	0.00741	mg/kg	03.29.16 17.03		1
m,p-Xylenes	179601-23-1	0.143	mg/kg	03.29.16 17.03		1
Naphthalene	91-20-3	0.0906	mg/kg	03.29.16 17.03		1
n-Butylbenzene	104-51-8	0.0252	mg/kg	03.29.16 17.03		1
n-Propylbenzene	103-65-1	0.0171	mg/kg	03.29.16 17.03		1
o-Xylene	95-47-6	0.103	mg/kg	03.29.16 17.03		1
p-Isopropyltoluene	99-87-6	0.00352	mg/kg	03.29.16 17.03	J	1
Toluene	108-88-3	0.0277	mg/kg	03.29.16 17.03		1

Analytical Method : VOCs by SW-846 8260B
Seq Number 991381

Prep Method: SW5035A
Date Prep: 03.30.16 13.06

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,2,4-Trimethylbenzene	95-63-6	0.748	mg/kg	03.30.16 18.18	D	50

Analytical Method : VPH by MADEP Method
Seq Number 991268

Prep Method: SW5030B
Date Prep: 03.26.16 13.57

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
C9-C12 Aliphatic (Unadj.)	ALHYDRC9	8.96	mg/kg	03.27.16 05.42		50
C9-C10 Aromatic (Unadj.)	HYDC9C10	5.48	mg/kg	03.27.16 05.42		50

Sample Id : **S-2**
Lab Sample Id : 527416-005

Matrix : Soil
Date Collected : 03.24.16 13.35
Date Received : 03.25.16 09.30

% Moisture : 11.22
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 991381

Prep Method: SW5035A
Date Prep: 03.29.16 10.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	0.0126	mg/kg	03.29.16 16.11	J	1

Hits Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id : **S-6**
Lab Sample Id : 527416-006

Matrix : Soil
Date Collected : 03.24.16 13.37
Date Received : 03.25.16 09.30

% Moisture : 7.98
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 991381

Prep Method: SW5035A
Date Prep: 03.29.16 10.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	0.0193	mg/kg	03.29.16 16.37	J	1
Toluene	108-88-3	0.00171	mg/kg	03.29.16 16.37	J	1

Sample Id : **D-1**
Lab Sample Id : 527416-007

Matrix : Soil
Date Collected : 03.24.16 14.30
Date Received : 03.25.16 09.30

% Moisture : 6.02
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 991418

Prep Method: SW5035A
Date Prep: 03.30.16 13.06

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,2,4-Trimethylbenzene	95-63-6	15.4	mg/kg	03.30.16 21.36	D	500
1,3,5-Trimethylbenzene	108-67-8	4.16	mg/kg	03.30.16 20.56		50
Benzene	71-43-2	0.0759	mg/kg	03.30.16 20.56	J	50
Ethylbenzene	100-41-4	1.65	mg/kg	03.30.16 20.56		50
Isopropylbenzene	98-82-8	0.377	mg/kg	03.30.16 20.56		50
m,p-Xylenes	179601-23-1	7.50	mg/kg	03.30.16 20.56		50
Methylene chloride	75-09-2	1.31	mg/kg	03.30.16 20.56		50
Naphthalene	91-20-3	5.27	mg/kg	03.30.16 20.56		50
n-Butylbenzene	104-51-8	2.50	mg/kg	03.30.16 20.56		50
n-Propylbenzene	103-65-1	1.92	mg/kg	03.30.16 20.56		50
o-Xylene	95-47-6	4.19	mg/kg	03.30.16 20.56		50
p-Isopropyltoluene	99-87-6	0.253	mg/kg	03.30.16 20.56	J	50
sec-Butylbenzene	135-98-8	0.345	mg/kg	03.30.16 20.56	J	50
Toluene	108-88-3	1.78	mg/kg	03.30.16 20.56		50

Analytical Method : VPH by MADEP Method
Seq Number 991268

Prep Method: SW5030B
Date Prep: 03.26.16 13.57

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
C5-C8 Aliphatic (Unadj.)	ALHYDRC5	15.0	mg/kg	03.27.16 07.56		50
C9-C12 Aliphatic (Unadj.)	ALHYDRC9	103	mg/kg	03.27.16 07.56		50

Analytical Method : VPH by MADEP Method
Seq Number 991268

Prep Method: SW5030B
Date Prep: 03.27.16 18.04

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
C9-C10 Aromatic (Unadj.)	HYDC9C10	113	mg/kg	03.28.16 00.49	D	500

Hits Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id : **L-1**
Lab Sample Id : 527416-008

Matrix : Soil
Date Collected : 03.24.16 14.32
Date Received : 03.25.16 09.30

% Moisture : 5.14
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 991381

Prep Method: SW5035A
Date Prep: 03.29.16 10.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,2,4-Trimethylbenzene	95-63-6	0.0868	mg/kg	03.29.16 14.29		1
1,3,5-Trimethylbenzene	108-67-8	0.0225	mg/kg	03.29.16 14.29		1
Acetone	67-64-1	0.0141	mg/kg	03.29.16 14.29	J	1
Benzene	71-43-2	0.0231	mg/kg	03.29.16 14.29		1
Ethylbenzene	100-41-4	0.0372	mg/kg	03.29.16 14.29		1
Isopropylbenzene	98-82-8	0.00314	mg/kg	03.29.16 14.29	J	1
m,p-Xylenes	179601-23-1	0.152	mg/kg	03.29.16 14.29		1
Naphthalene	91-20-3	0.00902	mg/kg	03.29.16 14.29		1
n-Butylbenzene	104-51-8	0.00632	mg/kg	03.29.16 14.29	J	1
n-Propylbenzene	103-65-1	0.0123	mg/kg	03.29.16 14.29		1
o-Xylene	95-47-6	0.0773	mg/kg	03.29.16 14.29		1
Toluene	108-88-3	0.162	mg/kg	03.29.16 14.29		1

Sample Id : **S-7**
Lab Sample Id : 527416-009

Matrix : Soil
Date Collected : 03.24.16 14.38
Date Received : 03.25.16 09.30

% Moisture : 6.74
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 991408

Prep Method: SW5035A
Date Prep: 03.30.16 12.47

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,2,4-Trimethylbenzene	95-63-6	0.00176	mg/kg	03.30.16 16.09	J	1
Acetone	67-64-1	0.0294	mg/kg	03.30.16 16.09	J	1
Ethylbenzene	100-41-4	0.00140	mg/kg	03.30.16 16.09	J	1
m,p-Xylenes	179601-23-1	0.00620	mg/kg	03.30.16 16.09	J	1
Methylene chloride	75-09-2	0.00961	mg/kg	03.30.16 16.09	B	1
Naphthalene	91-20-3	0.00596	mg/kg	03.30.16 16.09	J	1
o-Xylene	95-47-6	0.00187	mg/kg	03.30.16 16.09	J	1
Toluene	108-88-3	0.00668	mg/kg	03.30.16 16.09		1

Hits Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id : **S-8**
Lab Sample Id : 527416-010

Matrix : Soil
Date Collected : 03.24.16 14.42
Date Received : 03.25.16 09.30

% Moisture : 6.88
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 991381

Prep Method: SW5035A
Date Prep: 03.29.16 10.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,2,4-Trimethylbenzene	95-63-6	0.00299	mg/kg	03.29.16 15.20	J	1
Acetone	67-64-1	0.0242	mg/kg	03.29.16 15.20	J	1
Benzene	71-43-2	0.00166	mg/kg	03.29.16 15.20	J	1
Ethylbenzene	100-41-4	0.00642	mg/kg	03.29.16 15.20	J	1
m,p-Xylenes	179601-23-1	0.0232	mg/kg	03.29.16 15.20		1
n-Propylbenzene	103-65-1	0.00132	mg/kg	03.29.16 15.20	J	1
o-Xylene	95-47-6	0.00622	mg/kg	03.29.16 15.20	J	1
Toluene	108-88-3	0.0256	mg/kg	03.29.16 15.20		1

Sample Id : **S-9**
Lab Sample Id : 527416-011

Matrix : Soil
Date Collected : 03.24.16 14.50
Date Received : 03.25.16 09.30

% Moisture : 5.85
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 991381

Prep Method: SW5035A
Date Prep: 03.29.16 10.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,2,4-Trimethylbenzene	95-63-6	0.00316	mg/kg	03.29.16 15.46	J	1
1,3,5-Trimethylbenzene	108-67-8	0.00417	mg/kg	03.29.16 15.46	J	1
Acetone	67-64-1	0.0240	mg/kg	03.29.16 15.46	J	1
Benzene	71-43-2	0.00136	mg/kg	03.29.16 15.46	J	1
Carbon disulfide	75-15-0	0.00280	mg/kg	03.29.16 15.46	J	1
Ethylbenzene	100-41-4	0.00300	mg/kg	03.29.16 15.46	J	1
m,p-Xylenes	179601-23-1	0.0102	mg/kg	03.29.16 15.46	J	1
o-Xylene	95-47-6	0.00346	mg/kg	03.29.16 15.46	J	1
Toluene	108-88-3	0.0131	mg/kg	03.29.16 15.46		1

Hits Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id : **S-10**
Lab Sample Id : 527416-012

Matrix : Soil
Date Collected : 03.24.16 14.52
Date Received : 03.25.16 09.30

% Moisture : 11.37
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 991381

Prep Method: SW5035A
Date Prep: 03.29.16 10.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,2,4-Trimethylbenzene	95-63-6	0.169	mg/kg	03.29.16 17.28		1
1,3,5-Trimethylbenzene	108-67-8	0.0291	mg/kg	03.29.16 17.28		1
Acetone	67-64-1	0.0279	mg/kg	03.29.16 17.28	J	1
Benzene	71-43-2	0.00622	mg/kg	03.29.16 17.28	J	1
Ethylbenzene	100-41-4	0.0309	mg/kg	03.29.16 17.28		1
Isopropylbenzene	98-82-8	0.00672	mg/kg	03.29.16 17.28		1
m,p-Xylenes	179601-23-1	0.0597	mg/kg	03.29.16 17.28		1
Naphthalene	91-20-3	0.0199	mg/kg	03.29.16 17.28		1
n-Butylbenzene	104-51-8	0.0107	mg/kg	03.29.16 17.28		1
n-Propylbenzene	103-65-1	0.0209	mg/kg	03.29.16 17.28		1
o-Xylene	95-47-6	0.0183	mg/kg	03.29.16 17.28		1
p-Isopropyltoluene	99-87-6	0.00188	mg/kg	03.29.16 17.28	J	1
Toluene	108-88-3	0.0191	mg/kg	03.29.16 17.28		1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-1**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-001	Date Collected:	03.24.16 09.00		
Analytical Method:	EPH by MADEP Method			Prep Method:	SW3550
Tech:	VBR			% Moisture:	17.04
Analyst:	CLAR	Date Prep:	03.29.16 12.30	Basis:	Dry Weight
Seq Number:	991564				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Aliphatic Hydrocarbons C9-C18	ALHYDRC9C1	**30.4**	11.9	11.9	mg/kg	03.31.16 17.43		1
Aliphatic Hydrocarbons C19-C36	ALHYDRC19C3	**34.8**	11.9	11.9	mg/kg	03.31.16 17.43		1
Aromatic Hydrocarbons C11-22 (Unadj.)	C11C22	**27.8**	23.8	23.8	mg/kg	04.01.16 00.16		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctadecane	3386-33-2	50	%	40-140	03.31.16 17.43	
o-Terphenyl	84-15-1	62	%	40-140	04.01.16 00.16	
2-Fluorobiphenyl	321-60-8	61	%	40-140	04.01.16 00.16	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **S-1**
Lab Sample Id: 527416-001

Matrix: Soil
Date Collected: 03.24.16 09.00

Date Received:03.25.16 09.30

Analytical Method: SVOCs by SW-846 8270D
Tech: VBR
Analyst: VIC
Seq Number: 991483

Date Prep: 03.29.16 11.45

Prep Method: SW3550
% Moisture: 17.04
Basis: Dry Weight

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	0.401	0.0709	mg/kg	03.31.16 04.53	U	1
1,2-Dichlorobenzene	95-50-1	U	0.401	0.0649	mg/kg	03.31.16 04.53	U	1
1,3-Dichlorobenzene	541-73-1	U	0.401	0.0633	mg/kg	03.31.16 04.53	U	1
1,4-Dichlorobenzene	106-46-7	U	0.401	0.0625	mg/kg	03.31.16 04.53	U	1
2,4,5-Trichlorophenol	95-95-4	U	0.401	0.0737	mg/kg	03.31.16 04.53	U	1
2,4,6-Trichlorophenol	88-06-2	U	0.401	0.0773	mg/kg	03.31.16 04.53	U	1
2,4-Dichlorophenol	120-83-2	U	0.401	0.0509	mg/kg	03.31.16 04.53	U	1
2,4-Dimethylphenol	105-67-9	U	0.401	0.0729	mg/kg	03.31.16 04.53	U	1
2,4-Dinitrotoluene	121-14-2	U	0.401	0.0645	mg/kg	03.31.16 04.53	U	1
2,6-Dinitrotoluene	606-20-2	U	0.401	0.0521	mg/kg	03.31.16 04.53	U	1
2-Chloronaphthalene	91-58-7	U	0.401	0.0729	mg/kg	03.31.16 04.53	U	1
2-Chlorophenol	95-57-8	U	0.401	0.0717	mg/kg	03.31.16 04.53	U	1
2-Methylnaphthalene	91-57-6	U	0.401	0.0613	mg/kg	03.31.16 04.53	U	1
2-methylphenol	95-48-7	U	0.801	0.0561	mg/kg	03.31.16 04.53	U	1
2-Nitroaniline	88-74-4	U	0.401	0.0537	mg/kg	03.31.16 04.53	U	1
2-Nitrophenol	88-75-5	U	0.801	0.0505	mg/kg	03.31.16 04.53	U	1
3&4-Methylphenol	15831-10-4	U	2.00	0.119	mg/kg	03.31.16 04.53	U	1
3,3-Dichlorobenzidine	91-94-1	U	0.401	0.0585	mg/kg	03.31.16 04.53	U	1
3-Nitroaniline	99-09-2	U	0.401	0.0553	mg/kg	03.31.16 04.53	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	0.401	0.0697	mg/kg	03.31.16 04.53	U	1
4-Bromophenyl-phenylether	101-55-3	U	0.200	0.0681	mg/kg	03.31.16 04.53	U	1
4-chloro-3-methylphenol	59-50-7	U	0.401	0.0573	mg/kg	03.31.16 04.53	U	1
4-Chloroaniline	106-47-8	U	0.401	0.0665	mg/kg	03.31.16 04.53	U	1
4-Chlorophenyl-phenyl ether	7005-72-3	U	0.401	0.0761	mg/kg	03.31.16 04.53	U	1
4-Nitroaniline	100-01-6	U	0.801	0.0609	mg/kg	03.31.16 04.53	U	1
4-Nitrophenol	100-02-7	U	0.801	0.0493	mg/kg	03.31.16 04.53	U	1
Acenaphthene	83-32-9	U	0.401	0.0561	mg/kg	03.31.16 04.53	U	1
Acenaphthylene	208-96-8	U	0.401	0.0681	mg/kg	03.31.16 04.53	U	1
Aniline (Phenylamine, Aminobenzene)	62-53-3	U	0.401	0.0441	mg/kg	03.31.16 04.53	U	1
Anthracene	120-12-7	U	0.401	0.0593	mg/kg	03.31.16 04.53	U	1
Benzo(a)anthracene	56-55-3	U	0.401	0.0649	mg/kg	03.31.16 04.53	U	1
Benzo(a)pyrene	50-32-8	U	0.401	0.0589	mg/kg	03.31.16 04.53	U	1
Benzo(b)fluoranthene	205-99-2	U	0.401	0.0653	mg/kg	03.31.16 04.53	U	1
Benzo(g,h,i)perylene	191-24-2	U	0.401	0.0661	mg/kg	03.31.16 04.53	U	1
Benzo(k)fluoranthene	207-08-9	U	0.401	0.0689	mg/kg	03.31.16 04.53	U	1
Benzoic Acid	65-85-0	U	0.801	0.0633	mg/kg	03.31.16 04.53	U	1
Benzyl Butyl Phthalate	85-68-7	U	0.401	0.0601	mg/kg	03.31.16 04.53	U	1
bis(2-chloroethoxy) methane	111-91-1	U	0.401	0.0481	mg/kg	03.31.16 04.53	U	1
bis(2-chloroethyl) ether	111-44-4	U	0.200	0.0569	mg/kg	03.31.16 04.53	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **S-1**
Lab Sample Id: 527416-001

Matrix: Soil
Date Collected: 03.24.16 09.00

Date Received:03.25.16 09.30

Analytical Method: SVOCs by SW-846 8270D
Tech: VBR
Analyst: VIC
Seq Number: 991483

Date Prep: 03.29.16 11.45

Prep Method: SW3550
% Moisture: 17.04
Basis: Dry Weight

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
bis(2-chloroisopropyl) ether	39638-32-9		U	0.401	0.0541	mg/kg	03.31.16 04.53	U	1
bis(2-ethylhexyl) phthalate	117-81-7		U	0.401	0.0649	mg/kg	03.31.16 04.53	U	1
Chrysene	218-01-9		U	0.401	0.0533	mg/kg	03.31.16 04.53	U	1
Dibenz(a,h)Anthracene	53-70-3		U	0.401	0.0777	mg/kg	03.31.16 04.53	U	1
Dibenzofuran	132-64-9		U	0.401	0.0513	mg/kg	03.31.16 04.53	U	1
Diethyl Phthalate	84-66-2		U	0.401	0.0645	mg/kg	03.31.16 04.53	U	1
Dimethyl Phthalate	131-11-3		U	0.401	0.0605	mg/kg	03.31.16 04.53	U	1
di-n-Butyl Phthalate	84-74-2		U	0.401	0.0737	mg/kg	03.31.16 04.53	U	1
di-n-Octyl Phthalate	117-84-0		U	0.401	0.0665	mg/kg	03.31.16 04.53	U	1
Fluoranthene	206-44-0		U	0.401	0.0521	mg/kg	03.31.16 04.53	U	1
Fluorene	86-73-7		U	0.401	0.0489	mg/kg	03.31.16 04.53	U	1
Hexachlorobenzene	118-74-1		U	0.401	0.0669	mg/kg	03.31.16 04.53	U	1
Hexachlorobutadiene	87-68-3		U	0.401	0.0445	mg/kg	03.31.16 04.53	U	1
Hexachlorocyclopentadiene	77-47-4		U	0.401	0.0689	mg/kg	03.31.16 04.53	UH	1
Hexachloroethane	67-72-1		U	0.401	0.0621	mg/kg	03.31.16 04.53	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5		U	0.401	0.0729	mg/kg	03.31.16 04.53	U	1
Isophorone	78-59-1		U	0.401	0.0413	mg/kg	03.31.16 04.53	U	1
Naphthalene	91-20-3		U	0.401	0.0641	mg/kg	03.31.16 04.53	U	1
Nitrobenzene	98-95-3		U	0.401	0.0713	mg/kg	03.31.16 04.53	U	1
N-Nitrosodi-n-Propylamine	621-64-7		U	0.401	0.0573	mg/kg	03.31.16 04.53	U	1
N-Nitrosodiphenylamine	86-30-6		U	0.401	0.0841	mg/kg	03.31.16 04.53	U	1
Pentachlorophenol	87-86-5		U	0.801	0.0725	mg/kg	03.31.16 04.53	U	1
Phenanthrene	85-01-8		U	0.401	0.0665	mg/kg	03.31.16 04.53	U	1
Phenol	108-95-2		U	0.401	0.0561	mg/kg	03.31.16 04.53	U	1
Pyrene	129-00-0		U	0.401	0.0681	mg/kg	03.31.16 04.53	U	1
Pyridine	110-86-1		U	0.401	0.0761	mg/kg	03.31.16 04.53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	35	%	25-121	03.31.16 04.53	
Nitrobenzene-d5	4165-60-0	40	%	23-120	03.31.16 04.53	
2-Fluorobiphenyl	321-60-8	38	%	30-115	03.31.16 04.53	
2,4,6-Tribromophenol	118-79-6	78	%	19-122	03.31.16 04.53	
Terphenyl-D14	1718-51-0	63	%	18-137	03.31.16 04.53	
Phenol-d5	4165-62-2	36	%	15-110	03.31.16 04.53	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-1**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-001	Date Collected:	03.24.16 09.00		
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	17.04
Analyst:	ZHO	Date Prep:	03.30.16 13.06	Basis:	Dry Weight
Seq Number:	991418				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.438	0.0460	mg/kg	03.30.16 20.30	U	50
1,1,1-Trichloroethane	71-55-6	U	0.438	0.0660	mg/kg	03.30.16 20.30	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	0.438	0.104	mg/kg	03.30.16 20.30	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	0.438	0.0972	mg/kg	03.30.16 20.30	U	50
1,1,2-Trichloroethane	79-00-5	U	0.438	0.0587	mg/kg	03.30.16 20.30	U	50
1,1-Dichloroethane	75-34-3	U	0.438	0.0703	mg/kg	03.30.16 20.30	U	50
1,1-Dichloroethene	75-35-4	U	0.438	0.102	mg/kg	03.30.16 20.30	U	50
1,1-Dichloropropene	563-58-6	U	0.438	0.0472	mg/kg	03.30.16 20.30	U	50
1,2,3-Trichlorobenzene	87-61-6	U	0.438	0.0503	mg/kg	03.30.16 20.30	U	50
1,2,3-Trichloropropane	96-18-4	U	0.438	0.144	mg/kg	03.30.16 20.30	U	50
3,3-Dimethyl-1-butanol	624-95-3	U	2.19	0.438	mg/kg	03.30.16 20.30	U	50
1,2,4-Trichlorobenzene	120-82-1	U	0.438	0.0765	mg/kg	03.30.16 20.30	U	50
1,2,4-Trimethylbenzene	95-63-6	**0.923**	0.438	0.0631	mg/kg	03.30.16 20.30		50
1,2-Dichloroethane	107-06-2	U	0.438	0.0523	mg/kg	03.30.16 20.30	U	50
1,3,5-Trimethylbenzene	108-67-8	**0.362**	0.438	0.0713	mg/kg	03.30.16 20.30	J	50
1,3-Dichlorobenzene	541-73-1	U	0.438	0.0873	mg/kg	03.30.16 20.30	U	50
1,3-Dichloropropane	142-28-9	U	0.438	0.0603	mg/kg	03.30.16 20.30	U	50
1,4-Dichlorobenzene	106-46-7	U	0.438	0.0599	mg/kg	03.30.16 20.30	U	50
2,2-Dichloropropane	594-20-7	U	0.438	0.0525	mg/kg	03.30.16 20.30	U	50
2-Chloroethyl vinyl ether	110-75-8	U	0.876	0.0654	mg/kg	03.30.16 20.30	UH	50
2-Chlorotoluene	95-49-8	U	0.438	0.0620	mg/kg	03.30.16 20.30	U	50
2-Hexanone	591-78-6	U	0.876	0.0989	mg/kg	03.30.16 20.30	U	50
4-Chlorotoluene	106-43-4	U	0.438	0.0484	mg/kg	03.30.16 20.30	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.876	0.283	mg/kg	03.30.16 20.30	U	50
Acetone	67-64-1	U	4.38	0.603	mg/kg	03.30.16 20.30	U	50
Acrolein	107-02-8	U	0.876	0.389	mg/kg	03.30.16 20.30	U	50
Acrylonitrile	107-13-1	U	0.876	0.437	mg/kg	03.30.16 20.30	U	50
Benzene	71-43-2	**0.0491**	0.438	0.0449	mg/kg	03.30.16 20.30	J	50
Bromobenzene	108-86-1	U	0.438	0.0748	mg/kg	03.30.16 20.30	U	50
Bromochloromethane	74-97-5	U	0.438	0.0881	mg/kg	03.30.16 20.30	U	50
Bromodichloromethane	75-27-4	U	0.438	0.0439	mg/kg	03.30.16 20.30	U	50
Bromoform	75-25-2	U	0.438	0.0840	mg/kg	03.30.16 20.30	U	50
Bromomethane	74-83-9	U	0.438	0.215	mg/kg	03.30.16 20.30	U	50
Carbon disulfide	75-15-0	U	0.438	0.127	mg/kg	03.30.16 20.30	U	50
Carbon tetrachloride	56-23-5	U	0.438	0.0650	mg/kg	03.30.16 20.30	U	50
Chlorobenzene	108-90-7	U	0.438	0.0507	mg/kg	03.30.16 20.30	U	50
Chloroethane	75-00-3	U	0.438	0.214	mg/kg	03.30.16 20.30	U	50
Chloroform	67-66-3	U	0.438	0.0649	mg/kg	03.30.16 20.30	U	50
Chloromethane	74-87-3	U	0.438	0.202	mg/kg	03.30.16 20.30	U	50

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-1**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-001	Date Collected:	03.24.16 09.00		
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	17.04
Analyst:	ZHO	Date Prep:	03.30.16 13.06	Basis:	Dry Weight
Seq Number:	991418				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.438	0.0580	mg/kg	03.30.16 20.30	U	50
cis-1,3-Dichloropropene	10061-01-5	U	0.438	0.0472	mg/kg	03.30.16 20.30	U	50
Dibromochloromethane	124-48-1	U	0.438	0.0871	mg/kg	03.30.16 20.30	U	50
Dibromomethane	74-95-3	U	0.438	0.0537	mg/kg	03.30.16 20.30	U	50
Dichlorodifluoromethane	75-71-8	U	0.438	0.103	mg/kg	03.30.16 20.30	U	50
Ethyl methacrylate	97-63-2	U	0.438	0.0639	mg/kg	03.30.16 20.30	U	50
Ethylbenzene	100-41-4	**0.998**	0.438	0.0495	mg/kg	03.30.16 20.30		50
Hexachlorobutadiene	87-68-3	U	0.438	0.0746	mg/kg	03.30.16 20.30	U	50
Isopropylbenzene	98-82-8	**0.116**	0.438	0.0665	mg/kg	03.30.16 20.30	J	50
m,p-Xylenes	179601-23-1	**2.58**	0.876	0.106	mg/kg	03.30.16 20.30		50
Methyl tert-butyl ether	1634-04-4	U	0.876	0.0607	mg/kg	03.30.16 20.30	U	50
Methylene chloride	75-09-2	**1.39**	0.438	0.190	mg/kg	03.30.16 20.30		50
Naphthalene	91-20-3	U	0.438	0.114	mg/kg	03.30.16 20.30	U	50
n-Butylbenzene	104-51-8	U	0.438	0.0773	mg/kg	03.30.16 20.30	U	50
n-Propylbenzene	103-65-1	**0.378**	0.438	0.0685	mg/kg	03.30.16 20.30	J	50
Diethyl Ether (Ethyl Ether)	60-29-7	U	0.438	0.438	mg/kg	03.30.16 20.30	U	50
o-Xylene	95-47-6	U	0.438	0.0627	mg/kg	03.30.16 20.30	U	50
p-Isopropyltoluene	99-87-6	U	0.438	0.0701	mg/kg	03.30.16 20.30	U	50
sec-Butylbenzene	135-98-8	U	0.438	0.0576	mg/kg	03.30.16 20.30	U	50
Styrene	100-42-5	U	0.438	0.0650	mg/kg	03.30.16 20.30	U	50
tert-Butylbenzene	98-06-6	U	0.438	0.0731	mg/kg	03.30.16 20.30	U	50
Tetrachloroethene	127-18-4	U	0.438	0.0908	mg/kg	03.30.16 20.30	U	50
Toluene	108-88-3	**0.0823**	0.438	0.0515	mg/kg	03.30.16 20.30	J	50
trans-1,2-Dichloroethene	156-60-5	U	0.438	0.0683	mg/kg	03.30.16 20.30	U	50
trans-1,3-Dichloropropene	10061-02-6	U	0.438	0.0587	mg/kg	03.30.16 20.30	U	50
Trichloroethene	79-01-6	U	0.438	0.0619	mg/kg	03.30.16 20.30	U	50
Trichlorofluoromethane	75-69-4	U	0.438	0.308	mg/kg	03.30.16 20.30	U	50
Vinyl acetate	108-05-4	U	0.438	0.0632	mg/kg	03.30.16 20.30	U	50
Vinyl chloride	75-01-4	U	0.438	0.176	mg/kg	03.30.16 20.30	U	50
Tetrahydrofuran	109-99-9	U	0.438	0.438	mg/kg	03.30.16 20.30	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	91	%	50-150	03.30.16 20.30	
4-Bromofluorobenzene	460-00-4	88	%	57-158	03.30.16 20.30	
Toluene-D8	2037-26-5	103	%	50-150	03.30.16 20.30	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-1**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-001	Date Collected:	03.24.16 09.00		
Analytical Method:	VPH by MADEP Method			Prep Method:	SW5030B
Tech:	ZHO			% Moisture:	17.04
Analyst:	ZHO	Date Prep:	03.26.16 13.57	Basis:	Dry Weight
Seq Number:	991268				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
C5-C8 Aliphatic (Unadj.)	ALHYDRC5C8	**40.1**	6.57	6.57	mg/kg	03.27.16 03.27		50
C9-C12 Aliphatic (Unadj.)	ALHYDRC9C1	**6.85**	6.57	6.57	mg/kg	03.27.16 03.27		50
C9-C10 Aromatic (Unadj.)	HYDC9C10	**3.15**	2.19	2.19	mg/kg	03.27.16 03.27		50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2,5-Dibromotoluene	615-59-8	99	%	70-130	03.27.16 03.27	
2,5-Dibromotoluene (PID)	615-59-8	109	%	70-130	03.27.16 03.27	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-3**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-002	Date Collected:	03.24.16 09.20		
Analytical Method:	EPH by MADEP Method			Prep Method:	SW3550
Tech:	VBR			% Moisture:	14.44
Analyst:	CLAR	Date Prep:	03.29.16 12.30	Basis:	Dry Weight
Seq Number:	991564				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
Aliphatic Hydrocarbons C9-C18	ALHYDRC9C1		U	11.6	11.6	mg/kg	03.31.16 18.13	U	1
Aliphatic Hydrocarbons C19-C36	ALHYDRC19C		U	11.6	11.6	mg/kg	03.31.16 18.13	U	1
Aromatic Hydrocarbons C11-22 (Unadj.)	C11C22		U	23.1	23.1	mg/kg	04.01.16 00.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctadecane	3386-33-2	55	%	40-140	03.31.16 18.13	
o-Terphenyl	84-15-1	55	%	40-140	04.01.16 00.39	
2-Fluorobiphenyl	321-60-8	56	%	40-140	04.01.16 00.39	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-3**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-002	Date Collected:	03.24.16 09.20		
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	VBR			% Moisture:	14.44
Analyst:	VIC	Date Prep:	03.29.16 11.45	Basis:	Dry Weight
Seq Number:	991483				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	0.389	0.0688	mg/kg	03.31.16 05.21	U	1
1,2-Dichlorobenzene	95-50-1	U	0.389	0.0630	mg/kg	03.31.16 05.21	U	1
1,3-Dichlorobenzene	541-73-1	U	0.389	0.0614	mg/kg	03.31.16 05.21	U	1
1,4-Dichlorobenzene	106-46-7	U	0.389	0.0606	mg/kg	03.31.16 05.21	U	1
2,4,5-Trichlorophenol	95-95-4	U	0.389	0.0715	mg/kg	03.31.16 05.21	U	1
2,4,6-Trichlorophenol	88-06-2	U	0.389	0.0750	mg/kg	03.31.16 05.21	U	1
2,4-Dichlorophenol	120-83-2	U	0.389	0.0494	mg/kg	03.31.16 05.21	U	1
2,4-Dimethylphenol	105-67-9	U	0.389	0.0707	mg/kg	03.31.16 05.21	U	1
2,4-Dinitrotoluene	121-14-2	U	0.389	0.0626	mg/kg	03.31.16 05.21	U	1
2,6-Dinitrotoluene	606-20-2	U	0.389	0.0505	mg/kg	03.31.16 05.21	U	1
2-Chloronaphthalene	91-58-7	U	0.389	0.0707	mg/kg	03.31.16 05.21	U	1
2-Chlorophenol	95-57-8	U	0.389	0.0696	mg/kg	03.31.16 05.21	U	1
2-Methylnaphthalene	91-57-6	U	0.389	0.0595	mg/kg	03.31.16 05.21	U	1
2-methylphenol	95-48-7	U	0.777	0.0544	mg/kg	03.31.16 05.21	U	1
2-Nitroaniline	88-74-4	U	0.389	0.0521	mg/kg	03.31.16 05.21	U	1
2-Nitrophenol	88-75-5	U	0.777	0.0490	mg/kg	03.31.16 05.21	U	1
3&4-Methylphenol	15831-10-4	U	1.94	0.115	mg/kg	03.31.16 05.21	U	1
3,3-Dichlorobenzidine	91-94-1	U	0.389	0.0567	mg/kg	03.31.16 05.21	U	1
3-Nitroaniline	99-09-2	U	0.389	0.0536	mg/kg	03.31.16 05.21	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	0.389	0.0676	mg/kg	03.31.16 05.21	U	1
4-Bromophenyl-phenylether	101-55-3	U	0.194	0.0661	mg/kg	03.31.16 05.21	U	1
4-chloro-3-methylphenol	59-50-7	U	0.389	0.0556	mg/kg	03.31.16 05.21	U	1
4-Chloroaniline	106-47-8	U	0.389	0.0645	mg/kg	03.31.16 05.21	U	1
4-Chlorophenyl-phenyl ether	7005-72-3	U	0.389	0.0738	mg/kg	03.31.16 05.21	U	1
4-Nitroaniline	100-01-6	U	0.777	0.0591	mg/kg	03.31.16 05.21	U	1
4-Nitrophenol	100-02-7	U	0.777	0.0478	mg/kg	03.31.16 05.21	U	1
Acenaphthene	83-32-9	U	0.389	0.0544	mg/kg	03.31.16 05.21	U	1
Acenaphthylene	208-96-8	U	0.389	0.0661	mg/kg	03.31.16 05.21	U	1
Aniline (Phenylamine, Aminobenzene)	62-53-3	U	0.389	0.0428	mg/kg	03.31.16 05.21	U	1
Anthracene	120-12-7	U	0.389	0.0575	mg/kg	03.31.16 05.21	U	1
Benzo(a)anthracene	56-55-3	U	0.389	0.0630	mg/kg	03.31.16 05.21	U	1
Benzo(a)pyrene	50-32-8	U	0.389	0.0571	mg/kg	03.31.16 05.21	U	1
Benzo(b)fluoranthene	205-99-2	U	0.389	0.0634	mg/kg	03.31.16 05.21	U	1
Benzo(g,h,i)perylene	191-24-2	U	0.389	0.0641	mg/kg	03.31.16 05.21	U	1
Benzo(k)fluoranthene	207-08-9	U	0.389	0.0669	mg/kg	03.31.16 05.21	U	1
Benzoic Acid	65-85-0	U	0.777	0.0614	mg/kg	03.31.16 05.21	U	1
Benzyl Butyl Phthalate	85-68-7	U	0.389	0.0583	mg/kg	03.31.16 05.21	U	1
bis(2-chloroethoxy) methane	111-91-1	U	0.389	0.0466	mg/kg	03.31.16 05.21	U	1
bis(2-chloroethyl) ether	111-44-4	U	0.194	0.0552	mg/kg	03.31.16 05.21	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **S-3**
Lab Sample Id: 527416-002

Matrix: Soil
Date Collected: 03.24.16 09.20

Date Received:03.25.16 09.30

Analytical Method: SVOCs by SW-846 8270D
Tech: VBR
Analyst: VIC
Seq Number: 991483

Date Prep: 03.29.16 11.45

Prep Method: SW3550
% Moisture: 14.44
Basis: Dry Weight

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
bis(2-chloroisopropyl) ether	39638-32-9		U	0.389	0.0525	mg/kg	03.31.16 05.21	U	1
bis(2-ethylhexyl) phthalate	117-81-7		U	0.389	0.0630	mg/kg	03.31.16 05.21	U	1
Chrysene	218-01-9		U	0.389	0.0517	mg/kg	03.31.16 05.21	U	1
Dibenz(a,h)Anthracene	53-70-3		U	0.389	0.0754	mg/kg	03.31.16 05.21	U	1
Dibenzofuran	132-64-9		U	0.389	0.0498	mg/kg	03.31.16 05.21	U	1
Diethyl Phthalate	84-66-2		U	0.389	0.0626	mg/kg	03.31.16 05.21	U	1
Dimethyl Phthalate	131-11-3		U	0.389	0.0587	mg/kg	03.31.16 05.21	U	1
di-n-Butyl Phthalate	84-74-2		U	0.389	0.0715	mg/kg	03.31.16 05.21	U	1
di-n-Octyl Phthalate	117-84-0		U	0.389	0.0645	mg/kg	03.31.16 05.21	U	1
Fluoranthene	206-44-0		U	0.389	0.0505	mg/kg	03.31.16 05.21	U	1
Fluorene	86-73-7		U	0.389	0.0474	mg/kg	03.31.16 05.21	U	1
Hexachlorobenzene	118-74-1		U	0.389	0.0649	mg/kg	03.31.16 05.21	U	1
Hexachlorobutadiene	87-68-3		U	0.389	0.0431	mg/kg	03.31.16 05.21	U	1
Hexachlorocyclopentadiene	77-47-4		U	0.389	0.0669	mg/kg	03.31.16 05.21	UH	1
Hexachloroethane	67-72-1		U	0.389	0.0602	mg/kg	03.31.16 05.21	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5		U	0.389	0.0707	mg/kg	03.31.16 05.21	U	1
Isophorone	78-59-1		U	0.389	0.0400	mg/kg	03.31.16 05.21	U	1
Naphthalene	91-20-3		U	0.389	0.0622	mg/kg	03.31.16 05.21	U	1
Nitrobenzene	98-95-3		U	0.389	0.0692	mg/kg	03.31.16 05.21	U	1
N-Nitrosodi-n-Propylamine	621-64-7		U	0.389	0.0556	mg/kg	03.31.16 05.21	U	1
N-Nitrosodiphenylamine	86-30-6		U	0.389	0.0816	mg/kg	03.31.16 05.21	U	1
Pentachlorophenol	87-86-5		U	0.777	0.0704	mg/kg	03.31.16 05.21	U	1
Phenanthrene	85-01-8		U	0.389	0.0645	mg/kg	03.31.16 05.21	U	1
Phenol	108-95-2		U	0.389	0.0544	mg/kg	03.31.16 05.21	U	1
Pyrene	129-00-0		U	0.389	0.0661	mg/kg	03.31.16 05.21	U	1
Pyridine	110-86-1		U	0.389	0.0738	mg/kg	03.31.16 05.21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	43	%	25-121	03.31.16 05.21	
Nitrobenzene-d5	4165-60-0	48	%	23-120	03.31.16 05.21	
2-Fluorobiphenyl	321-60-8	42	%	30-115	03.31.16 05.21	
2,4,6-Tribromophenol	118-79-6	58	%	19-122	03.31.16 05.21	
Terphenyl-D14	1718-51-0	61	%	18-137	03.31.16 05.21	
Phenol-d5	4165-62-2	46	%	15-110	03.31.16 05.21	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-3**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-002	Date Collected:	03.24.16 09.20		
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	14.44
Analyst:	ZHO	Date Prep:	03.28.16 12.08	Basis:	Dry Weight
Seq Number:	991253				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.00681	0.000715	mg/kg	03.28.16 23.15	U	1
1,1,1-Trichloroethane	71-55-6	U	0.00681	0.00103	mg/kg	03.28.16 23.15	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.00681	0.00162	mg/kg	03.28.16 23.15	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	0.00681	0.00151	mg/kg	03.28.16 23.15	U	1
1,1,2-Trichloroethane	79-00-5	U	0.00681	0.000913	mg/kg	03.28.16 23.15	U	1
1,1-Dichloroethane	75-34-3	U	0.00681	0.00109	mg/kg	03.28.16 23.15	U	1
1,1-Dichloroethene	75-35-4	U	0.00681	0.00158	mg/kg	03.28.16 23.15	U	1
1,1-Dichloropropene	563-58-6	U	0.00681	0.000734	mg/kg	03.28.16 23.15	U	1
1,2,3-Trichlorobenzene	87-61-6	U	0.00681	0.000782	mg/kg	03.28.16 23.15	U	1
1,2,3-Trichloropropane	96-18-4	U	0.00681	0.00224	mg/kg	03.28.16 23.15	U	1
1,2,4-Trichlorobenzene	120-82-1	U	0.00681	0.00119	mg/kg	03.28.16 23.15	U	1
1,2,4-Trimethylbenzene	95-63-6	**0.0233**	0.00681	0.000981	mg/kg	03.28.16 23.15		1
1,2-Dichloroethane	107-06-2	U	0.00681	0.000813	mg/kg	03.28.16 23.15	U	1
1,3,5-Trimethylbenzene	108-67-8	**0.0174**	0.00681	0.00111	mg/kg	03.28.16 23.15		1
1,3-Dichlorobenzene	541-73-1	U	0.00681	0.00136	mg/kg	03.28.16 23.15	U	1
1,3-Dichloropropane	142-28-9	U	0.00681	0.000937	mg/kg	03.28.16 23.15	U	1
1,4-Dichlorobenzene	106-46-7	U	0.00681	0.000932	mg/kg	03.28.16 23.15	U	1
2,2-Dichloropropane	594-20-7	U	0.00681	0.000816	mg/kg	03.28.16 23.15	U	1
2-Chloroethyl vinyl ether	110-75-8	U	0.0136	0.00102	mg/kg	03.28.16 23.15	U	1
2-Chlorotoluene	95-49-8	U	0.00681	0.000964	mg/kg	03.28.16 23.15	U	1
2-Hexanone	591-78-6	U	0.0136	0.00154	mg/kg	03.28.16 23.15	U	1
4-Chlorotoluene	106-43-4	U	0.00681	0.000753	mg/kg	03.28.16 23.15	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.0136	0.00440	mg/kg	03.28.16 23.15	U	1
Acetone	67-64-1	**0.0342**	0.0681	0.00937	mg/kg	03.28.16 23.15	J	1
Acrolein	107-02-8	U	0.0136	0.00605	mg/kg	03.28.16 23.15	U	1
Acrylonitrile	107-13-1	U	0.0136	0.00680	mg/kg	03.28.16 23.15	U	1
Benzene	71-43-2	U	0.00681	0.000699	mg/kg	03.28.16 23.15	U	1
Bromobenzene	108-86-1	U	0.00681	0.00116	mg/kg	03.28.16 23.15	U	1
Bromochloromethane	74-97-5	U	0.00681	0.00137	mg/kg	03.28.16 23.15	U	1
Bromodichloromethane	75-27-4	U	0.00681	0.000682	mg/kg	03.28.16 23.15	U	1
Bromoform	75-25-2	U	0.00681	0.00131	mg/kg	03.28.16 23.15	U	1
Bromomethane	74-83-9	U	0.00681	0.00335	mg/kg	03.28.16 23.15	U	1
Carbon disulfide	75-15-0	U	0.00681	0.00198	mg/kg	03.28.16 23.15	U	1
Carbon tetrachloride	56-23-5	U	0.00681	0.00101	mg/kg	03.28.16 23.15	U	1
Chlorobenzene	108-90-7	U	0.00681	0.000789	mg/kg	03.28.16 23.15	U	1
Chloroethane	75-00-3	U	0.00681	0.00333	mg/kg	03.28.16 23.15	U	1
Chloroform	67-66-3	U	0.00681	0.00101	mg/kg	03.28.16 23.15	U	1
Chloromethane	74-87-3	U	0.00681	0.00314	mg/kg	03.28.16 23.15	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.00681	0.000902	mg/kg	03.28.16 23.15	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **S-3**
Lab Sample Id: 527416-002
Matrix: Soil
Date Collected: 03.24.16 09.20
Date Received: 03.25.16 09.30

Analytical Method: VOCs by SW-846 8260B
Tech: MWE
Analyst: ZHO
Seq Number: 991253
Date Prep: 03.28.16 12.08
Prep Method: SW5035A
% Moisture: 14.44
Basis: Dry Weight

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,3-Dichloropropene	10061-01-5	U	0.00681	0.000734	mg/kg	03.28.16 23.15	U	1
Dibromochloromethane	124-48-1	U	0.00681	0.00135	mg/kg	03.28.16 23.15	U	1
Dibromomethane	74-95-3	U	0.00681	0.000835	mg/kg	03.28.16 23.15	U	1
Dichlorodifluoromethane	75-71-8	U	0.00681	0.00161	mg/kg	03.28.16 23.15	U	1
Ethyl methacrylate	97-63-2	U	0.00681	0.000994	mg/kg	03.28.16 23.15	U	1
Ethylbenzene	100-41-4	**0.00268**	0.00681	0.000770	mg/kg	03.28.16 23.15	J	1
Hexachlorobutadiene	87-68-3	U	0.00681	0.00116	mg/kg	03.28.16 23.15	U	1
Isopropylbenzene	98-82-8	**0.00143**	0.00681	0.00103	mg/kg	03.28.16 23.15	J	1
m,p-Xylenes	179601-23-1	**0.0194**	0.0136	0.00165	mg/kg	03.28.16 23.15		1
Methyl tert-butyl ether	1634-04-4	U	0.0136	0.000944	mg/kg	03.28.16 23.15	U	1
Methylene chloride	75-09-2	**0.00503**	0.00681	0.00295	mg/kg	03.28.16 23.15	BJ	1
Naphthalene	91-20-3	**0.00766**	0.00681	0.00177	mg/kg	03.28.16 23.15		1
n-Butylbenzene	104-51-8	**0.00172**	0.00681	0.00120	mg/kg	03.28.16 23.15	J	1
n-Propylbenzene	103-65-1	**0.00202**	0.00681	0.00107	mg/kg	03.28.16 23.15	J	1
Diethyl Ether (Ethyl Ether)	60-29-7	U	0.00681	0.00681	mg/kg	03.28.16 23.15	U	1
o-Xylene	95-47-6	**0.00933**	0.00681	0.000975	mg/kg	03.28.16 23.15		1
p-Isopropyltoluene	99-87-6	U	0.00681	0.00109	mg/kg	03.28.16 23.15	U	1
sec-Butylbenzene	135-98-8	U	0.00681	0.000895	mg/kg	03.28.16 23.15	U	1
Styrene	100-42-5	U	0.00681	0.00101	mg/kg	03.28.16 23.15	U	1
tert-Butylbenzene	98-06-6	U	0.00681	0.00114	mg/kg	03.28.16 23.15	U	1
Tetrachloroethene	127-18-4	U	0.00681	0.00141	mg/kg	03.28.16 23.15	U	1
Toluene	108-88-3	**0.00390**	0.00681	0.000801	mg/kg	03.28.16 23.15	J	1
trans-1,2-Dichloroethene	156-60-5	U	0.00681	0.00106	mg/kg	03.28.16 23.15	U	1
trans-1,3-Dichloropropene	10061-02-6	U	0.00681	0.000913	mg/kg	03.28.16 23.15	U	1
Trichloroethene	79-01-6	U	0.00681	0.000963	mg/kg	03.28.16 23.15	U	1
Trichlorofluoromethane	75-69-4	U	0.00681	0.00479	mg/kg	03.28.16 23.15	U	1
Vinyl acetate	108-05-4	U	0.00681	0.000982	mg/kg	03.28.16 23.15	U	1
Vinyl chloride	75-01-4	U	0.00681	0.00274	mg/kg	03.28.16 23.15	U	1
Tetrahydrofuran	109-99-9	U	0.00681	0.00681	mg/kg	03.28.16 23.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	102	%	50-150	03.28.16 23.15	
4-Bromofluorobenzene	460-00-4	106	%	57-158	03.28.16 23.15	
Toluene-D8	2037-26-5	97	%	50-150	03.28.16 23.15	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-3**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-002	Date Collected:	03.24.16 09.20		
Analytical Method:	VPH by MADEP Method			Prep Method:	SW5030B
Tech:	ZHO			% Moisture:	14.44
Analyst:	ZHO	Date Prep:	03.26.16 13.57	Basis:	Dry Weight
Seq Number:	991268				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
C5-C8 Aliphatic (Unadj.)	ALHYDRC5C8		U	5.96	5.96	mg/kg	03.27.16 04.12	U	50
C9-C12 Aliphatic (Unadj.)	ALHYDRC9C1		U	5.96	5.96	mg/kg	03.27.16 04.12	U	50
C9-C10 Aromatic (Unadj.)	HYDC9C10		U	1.99	1.99	mg/kg	03.27.16 04.12	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2,5-Dibromotoluene	615-59-8	95	%	70-130	03.27.16 04.12	
2,5-Dibromotoluene (PID)	615-59-8	102	%	70-130	03.27.16 04.12	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-4**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-003	Date Collected:	03.24.16 09.32		
Analytical Method:	EPH by MADEP Method			Prep Method:	SW3550
Tech:	VBR			% Moisture:	5.38
Analyst:	CLAR	Date Prep:	03.29.16 12.30	Basis:	Dry Weight
Seq Number:	991564				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
Aliphatic Hydrocarbons C9-C18	ALHYDRC9C1		U	10.6	10.6	mg/kg	03.31.16 18.43	U	1
Aliphatic Hydrocarbons C19-C36	ALHYDRC19C		U	10.6	10.6	mg/kg	03.31.16 18.43	U	1
Aromatic Hydrocarbons C11-22 (Unadj.)	C11C22		U	21.1	21.1	mg/kg	04.01.16 01.02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctadecane	3386-33-2	56	%	40-140	03.31.16 18.43	
o-Terphenyl	84-15-1	60	%	40-140	04.01.16 01.02	
2-Fluorobiphenyl	321-60-8	58	%	40-140	04.01.16 01.02	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-4**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-003	Date Collected:	03.24.16 09.32		
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	VBR			% Moisture:	5.38
Analyst:	VIC	Date Prep:	03.29.16 11.45	Basis:	Dry Weight
Seq Number:	991483				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	0.350	0.0620	mg/kg	03.31.16 05.49	U	1
1,2-Dichlorobenzene	95-50-1	U	0.350	0.0567	mg/kg	03.31.16 05.49	U	1
1,3-Dichlorobenzene	541-73-1	U	0.350	0.0553	mg/kg	03.31.16 05.49	U	1
1,4-Dichlorobenzene	106-46-7	U	0.350	0.0546	mg/kg	03.31.16 05.49	U	1
2,4,5-Trichlorophenol	95-95-4	U	0.350	0.0644	mg/kg	03.31.16 05.49	U	1
2,4,6-Trichlorophenol	88-06-2	U	0.350	0.0676	mg/kg	03.31.16 05.49	U	1
2,4-Dichlorophenol	120-83-2	U	0.350	0.0445	mg/kg	03.31.16 05.49	U	1
2,4-Dimethylphenol	105-67-9	U	0.350	0.0637	mg/kg	03.31.16 05.49	U	1
2,4-Dinitrotoluene	121-14-2	U	0.350	0.0564	mg/kg	03.31.16 05.49	U	1
2,6-Dinitrotoluene	606-20-2	U	0.350	0.0455	mg/kg	03.31.16 05.49	U	1
2-Chloronaphthalene	91-58-7	U	0.350	0.0637	mg/kg	03.31.16 05.49	U	1
2-Chlorophenol	95-57-8	U	0.350	0.0627	mg/kg	03.31.16 05.49	U	1
2-Methylnaphthalene	91-57-6	U	0.350	0.0536	mg/kg	03.31.16 05.49	U	1
2-methylphenol	95-48-7	U	0.700	0.0490	mg/kg	03.31.16 05.49	U	1
2-Nitroaniline	88-74-4	U	0.350	0.0469	mg/kg	03.31.16 05.49	U	1
2-Nitrophenol	88-75-5	U	0.700	0.0441	mg/kg	03.31.16 05.49	U	1
3&4-Methylphenol	15831-10-4	U	1.75	0.104	mg/kg	03.31.16 05.49	U	1
3,3-Dichlorobenzidine	91-94-1	U	0.350	0.0511	mg/kg	03.31.16 05.49	U	1
3-Nitroaniline	99-09-2	U	0.350	0.0483	mg/kg	03.31.16 05.49	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	0.350	0.0609	mg/kg	03.31.16 05.49	U	1
4-Bromophenyl-phenylether	101-55-3	U	0.175	0.0595	mg/kg	03.31.16 05.49	U	1
4-chloro-3-methylphenol	59-50-7	U	0.350	0.0501	mg/kg	03.31.16 05.49	U	1
4-Chloroaniline	106-47-8	U	0.350	0.0581	mg/kg	03.31.16 05.49	U	1
4-Chlorophenyl-phenyl ether	7005-72-3	U	0.350	0.0665	mg/kg	03.31.16 05.49	U	1
4-Nitroaniline	100-01-6	U	0.700	0.0532	mg/kg	03.31.16 05.49	U	1
4-Nitrophenol	100-02-7	U	0.700	0.0431	mg/kg	03.31.16 05.49	U	1
Acenaphthene	83-32-9	U	0.350	0.0490	mg/kg	03.31.16 05.49	U	1
Acenaphthylene	208-96-8	U	0.350	0.0595	mg/kg	03.31.16 05.49	U	1
Aniline (Phenylamine, Aminobenzene)	62-53-3	U	0.350	0.0385	mg/kg	03.31.16 05.49	U	1
Anthracene	120-12-7	U	0.350	0.0518	mg/kg	03.31.16 05.49	U	1
Benzo(a)anthracene	56-55-3	U	0.350	0.0567	mg/kg	03.31.16 05.49	U	1
Benzo(a)pyrene	50-32-8	U	0.350	0.0515	mg/kg	03.31.16 05.49	U	1
Benzo(b)fluoranthene	205-99-2	U	0.350	0.0571	mg/kg	03.31.16 05.49	U	1
Benzo(g,h,i)perylene	191-24-2	U	0.350	0.0578	mg/kg	03.31.16 05.49	U	1
Benzo(k)fluoranthene	207-08-9	U	0.350	0.0602	mg/kg	03.31.16 05.49	U	1
Benzoic Acid	65-85-0	U	0.700	0.0553	mg/kg	03.31.16 05.49	U	1
Benzyl Butyl Phthalate	85-68-7	U	0.350	0.0525	mg/kg	03.31.16 05.49	U	1
bis(2-chloroethoxy) methane	111-91-1	U	0.350	0.0420	mg/kg	03.31.16 05.49	U	1
bis(2-chloroethyl) ether	111-44-4	U	0.175	0.0497	mg/kg	03.31.16 05.49	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **S-4**
Lab Sample Id: 527416-003

Matrix: Soil
Date Collected: 03.24.16 09.32

Date Received:03.25.16 09.30

Analytical Method: SVOCs by SW-846 8270D
Tech: VBR
Analyst: VIC
Seq Number: 991483

Date Prep: 03.29.16 11.45

Prep Method: SW3550
% Moisture: 5.38
Basis: Dry Weight

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
bis(2-chloroisopropyl) ether	39638-32-9		U	0.350	0.0473	mg/kg	03.31.16 05.49	U	1
bis(2-ethylhexyl) phthalate	117-81-7		U	0.350	0.0567	mg/kg	03.31.16 05.49	U	1
Chrysene	218-01-9		U	0.350	0.0466	mg/kg	03.31.16 05.49	U	1
Dibenz(a,h)Anthracene	53-70-3		U	0.350	0.0679	mg/kg	03.31.16 05.49	U	1
Dibenzofuran	132-64-9		U	0.350	0.0448	mg/kg	03.31.16 05.49	U	1
Diethyl Phthalate	84-66-2		U	0.350	0.0564	mg/kg	03.31.16 05.49	U	1
Dimethyl Phthalate	131-11-3		U	0.350	0.0529	mg/kg	03.31.16 05.49	U	1
di-n-Butyl Phthalate	84-74-2		U	0.350	0.0644	mg/kg	03.31.16 05.49	U	1
di-n-Octyl Phthalate	117-84-0		U	0.350	0.0581	mg/kg	03.31.16 05.49	U	1
Fluoranthene	206-44-0		U	0.350	0.0455	mg/kg	03.31.16 05.49	U	1
Fluorene	86-73-7		U	0.350	0.0427	mg/kg	03.31.16 05.49	U	1
Hexachlorobenzene	118-74-1		U	0.350	0.0585	mg/kg	03.31.16 05.49	U	1
Hexachlorobutadiene	87-68-3		U	0.350	0.0389	mg/kg	03.31.16 05.49	U	1
Hexachlorocyclopentadiene	77-47-4		U	0.350	0.0602	mg/kg	03.31.16 05.49	UH	1
Hexachloroethane	67-72-1		U	0.350	0.0543	mg/kg	03.31.16 05.49	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5		U	0.350	0.0637	mg/kg	03.31.16 05.49	U	1
Isophorone	78-59-1		U	0.350	0.0361	mg/kg	03.31.16 05.49	U	1
Naphthalene	91-20-3		U	0.350	0.0560	mg/kg	03.31.16 05.49	U	1
Nitrobenzene	98-95-3		U	0.350	0.0623	mg/kg	03.31.16 05.49	U	1
N-Nitrosodi-n-Propylamine	621-64-7		U	0.350	0.0501	mg/kg	03.31.16 05.49	U	1
N-Nitrosodiphenylamine	86-30-6		U	0.350	0.0735	mg/kg	03.31.16 05.49	U	1
Pentachlorophenol	87-86-5		U	0.700	0.0634	mg/kg	03.31.16 05.49	U	1
Phenanthrene	85-01-8		U	0.350	0.0581	mg/kg	03.31.16 05.49	U	1
Phenol	108-95-2		U	0.350	0.0490	mg/kg	03.31.16 05.49	U	1
Pyrene	129-00-0		U	0.350	0.0595	mg/kg	03.31.16 05.49	U	1
Pyridine	110-86-1		U	0.350	0.0665	mg/kg	03.31.16 05.49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	42	%	25-121	03.31.16 05.49	
Nitrobenzene-d5	4165-60-0	47	%	23-120	03.31.16 05.49	
2-Fluorobiphenyl	321-60-8	44	%	30-115	03.31.16 05.49	
2,4,6-Tribromophenol	118-79-6	64	%	19-122	03.31.16 05.49	
Terphenyl-D14	1718-51-0	61	%	18-137	03.31.16 05.49	
Phenol-d5	4165-62-2	45	%	15-110	03.31.16 05.49	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **S-4**
Lab Sample Id: 527416-003

Matrix: Soil
Date Collected: 03.24.16 09.32

Date Received:03.25.16 09.30

Analytical Method: VOCs by SW-846 8260B
Tech: MWE
Analyst: ZHO
Seq Number: 991253

Date Prep: 03.28.16 12.08

Prep Method: SW5035A
% Moisture: 5.38
Basis: Dry Weight

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.00594	0.000623	mg/kg	03.28.16 23.41	U	1
1,1,1-Trichloroethane	71-55-6	U	0.00594	0.000894	mg/kg	03.28.16 23.41	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.00594	0.00141	mg/kg	03.28.16 23.41	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	0.00594	0.00132	mg/kg	03.28.16 23.41	U	1
1,1,2-Trichloroethane	79-00-5	U	0.00594	0.000796	mg/kg	03.28.16 23.41	U	1
1,1-Dichloroethane	75-34-3	U	0.00594	0.000952	mg/kg	03.28.16 23.41	U	1
1,1-Dichloroethene	75-35-4	U	0.00594	0.00138	mg/kg	03.28.16 23.41	U	1
1,1-Dichloropropene	563-58-6	U	0.00594	0.000640	mg/kg	03.28.16 23.41	U	1
1,2,3-Trichlorobenzene	87-61-6	U	0.00594	0.000682	mg/kg	03.28.16 23.41	U	1
1,2,3-Trichloropropane	96-18-4	U	0.00594	0.00195	mg/kg	03.28.16 23.41	U	1
1,2,4-Trichlorobenzene	120-82-1	U	0.00594	0.00104	mg/kg	03.28.16 23.41	U	1
1,2,4-Trimethylbenzene	95-63-6	**0.0484**	0.00594	0.000855	mg/kg	03.28.16 23.41		1
1,2-Dichloroethane	107-06-2	U	0.00594	0.000709	mg/kg	03.28.16 23.41	U	1
1,3,5-Trimethylbenzene	108-67-8	**0.0127**	0.00594	0.000967	mg/kg	03.28.16 23.41		1
1,3-Dichlorobenzene	541-73-1	U	0.00594	0.00118	mg/kg	03.28.16 23.41	U	1
1,3-Dichloropropane	142-28-9	U	0.00594	0.000817	mg/kg	03.28.16 23.41	U	1
1,4-Dichlorobenzene	106-46-7	U	0.00594	0.000812	mg/kg	03.28.16 23.41	U	1
2,2-Dichloropropane	594-20-7	U	0.00594	0.000711	mg/kg	03.28.16 23.41	U	1
2-Chloroethyl vinyl ether	110-75-8	U	0.0119	0.000887	mg/kg	03.28.16 23.41	U	1
2-Chlorotoluene	95-49-8	U	0.00594	0.000841	mg/kg	03.28.16 23.41	U	1
2-Hexanone	591-78-6	U	0.0119	0.00134	mg/kg	03.28.16 23.41	U	1
4-Chlorotoluene	106-43-4	U	0.00594	0.000657	mg/kg	03.28.16 23.41	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.0119	0.00384	mg/kg	03.28.16 23.41	U	1
Acetone	67-64-1	**0.0221**	0.0594	0.00817	mg/kg	03.28.16 23.41	J	1
Acrolein	107-02-8	U	0.0119	0.00527	mg/kg	03.28.16 23.41	U	1
Acrylonitrile	107-13-1	U	0.0119	0.00593	mg/kg	03.28.16 23.41	U	1
Benzene	71-43-2	**0.00379**	0.00594	0.000609	mg/kg	03.28.16 23.41	J	1
Bromobenzene	108-86-1	U	0.00594	0.00101	mg/kg	03.28.16 23.41	U	1
Bromochloromethane	74-97-5	U	0.00594	0.00119	mg/kg	03.28.16 23.41	U	1
Bromodichloromethane	75-27-4	U	0.00594	0.000595	mg/kg	03.28.16 23.41	U	1
Bromoform	75-25-2	U	0.00594	0.00114	mg/kg	03.28.16 23.41	U	1
Bromomethane	74-83-9	U	0.00594	0.00292	mg/kg	03.28.16 23.41	U	1
Carbon disulfide	75-15-0	U	0.00594	0.00173	mg/kg	03.28.16 23.41	U	1
Carbon tetrachloride	56-23-5	U	0.00594	0.000881	mg/kg	03.28.16 23.41	U	1
Chlorobenzene	108-90-7	U	0.00594	0.000688	mg/kg	03.28.16 23.41	U	1
Chloroethane	75-00-3	U	0.00594	0.00290	mg/kg	03.28.16 23.41	U	1
Chloroform	67-66-3	U	0.00594	0.000880	mg/kg	03.28.16 23.41	U	1
Chloromethane	74-87-3	U	0.00594	0.00273	mg/kg	03.28.16 23.41	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.00594	0.000786	mg/kg	03.28.16 23.41	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **S-4**
Lab Sample Id: 527416-003

Matrix: Soil
Date Collected: 03.24.16 09.32

Date Received:03.25.16 09.30

Analytical Method: VOCs by SW-846 8260B
Tech: MWE
Analyst: ZHO
Seq Number: 991253

Date Prep: 03.28.16 12.08

Prep Method: SW5035A
% Moisture: 5.38
Basis: Dry Weight

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,3-Dichloropropene	10061-01-5	U	0.00594	0.000640	mg/kg	03.28.16 23.41	U	1
Dibromochloromethane	124-48-1	U	0.00594	0.00118	mg/kg	03.28.16 23.41	U	1
Dibromomethane	74-95-3	U	0.00594	0.000728	mg/kg	03.28.16 23.41	U	1
Dichlorodifluoromethane	75-71-8	U	0.00594	0.00140	mg/kg	03.28.16 23.41	U	1
Ethyl methacrylate	97-63-2	U	0.00594	0.000867	mg/kg	03.28.16 23.41	U	1
Ethylbenzene	100-41-4	**0.00562**	0.00594	0.000671	mg/kg	03.28.16 23.41	J	1
Hexachlorobutadiene	87-68-3	U	0.00594	0.00101	mg/kg	03.28.16 23.41	U	1
Isopropylbenzene	98-82-8	**0.00119**	0.00594	0.000901	mg/kg	03.28.16 23.41	J	1
m,p-Xylenes	179601-23-1	**0.0463**	0.0119	0.00144	mg/kg	03.28.16 23.41		1
Methyl tert-butyl ether	1634-04-4	U	0.0119	0.000823	mg/kg	03.28.16 23.41	U	1
Methylene chloride	75-09-2	**0.00543**	0.00594	0.00257	mg/kg	03.28.16 23.41	BJ	1
Naphthalene	91-20-3	**0.0120**	0.00594	0.00154	mg/kg	03.28.16 23.41		1
n-Butylbenzene	104-51-8	**0.00410**	0.00594	0.00105	mg/kg	03.28.16 23.41	J	1
n-Propylbenzene	103-65-1	**0.00378**	0.00594	0.000929	mg/kg	03.28.16 23.41	J	1
Diethyl Ether (Ethyl Ether)	60-29-7	U	0.00594	0.00594	mg/kg	03.28.16 23.41	U	1
o-Xylene	95-47-6	**0.0244**	0.00594	0.000850	mg/kg	03.28.16 23.41		1
p-Isopropyltoluene	99-87-6	U	0.00594	0.000950	mg/kg	03.28.16 23.41	U	1
sec-Butylbenzene	135-98-8	U	0.00594	0.000780	mg/kg	03.28.16 23.41	U	1
Styrene	100-42-5	U	0.00594	0.000881	mg/kg	03.28.16 23.41	U	1
tert-Butylbenzene	98-06-6	U	0.00594	0.000990	mg/kg	03.28.16 23.41	U	1
Tetrachloroethene	127-18-4	U	0.00594	0.00123	mg/kg	03.28.16 23.41	U	1
Toluene	108-88-3	**0.0142**	0.00594	0.000698	mg/kg	03.28.16 23.41		1
trans-1,2-Dichloroethene	156-60-5	U	0.00594	0.000926	mg/kg	03.28.16 23.41	U	1
trans-1,3-Dichloropropene	10061-02-6	U	0.00594	0.000796	mg/kg	03.28.16 23.41	U	1
Trichloroethene	79-01-6	U	0.00594	0.000840	mg/kg	03.28.16 23.41	U	1
Trichlorofluoromethane	75-69-4	U	0.00594	0.00417	mg/kg	03.28.16 23.41	U	1
Vinyl acetate	108-05-4	U	0.00594	0.000856	mg/kg	03.28.16 23.41	U	1
Vinyl chloride	75-01-4	U	0.00594	0.00239	mg/kg	03.28.16 23.41	U	1
Tetrahydrofuran	109-99-9	U	0.00594	0.00594	mg/kg	03.28.16 23.41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	108	%	50-150	03.28.16 23.41	
4-Bromofluorobenzene	460-00-4	107	%	57-158	03.28.16 23.41	
Toluene-D8	2037-26-5	98	%	50-150	03.28.16 23.41	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-4**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-003	Date Collected:	03.24.16 09.32		
Analytical Method:	VPH by MADEP Method			Prep Method:	SW5030B
Tech:	ZHO			% Moisture:	5.38
Analyst:	ZHO	Date Prep:	03.26.16 13.57	Basis:	Dry Weight
Seq Number:	991268				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
C5-C8 Aliphatic (Unadj.)	ALHYDRC5C8		U	5.30	5.30	mg/kg	03.27.16 04.57	U	50
C9-C12 Aliphatic (Unadj.)	ALHYDRC9C1		U	5.30	5.30	mg/kg	03.27.16 04.57	U	50
C9-C10 Aromatic (Unadj.)	HYDC9C10		U	1.77	1.77	mg/kg	03.27.16 04.57	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2,5-Dibromotoluene	615-59-8	89	%	70-130	03.27.16 04.57	
2,5-Dibromotoluene (PID)	615-59-8	97	%	70-130	03.27.16 04.57	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-5**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-004	Date Collected:	03.24.16 09.35		
Analytical Method:	EPH by MADEP Method			Prep Method:	SW3550
Tech:	VBR			% Moisture:	4.78
Analyst:	CLAR	Date Prep:	03.29.16 12.30	Basis:	Dry Weight
Seq Number:	991564				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
Aliphatic Hydrocarbons C9-C18	ALHYDRC9C1		U	10.4	10.4	mg/kg	03.31.16 19.13	U	1
Aliphatic Hydrocarbons C19-C36	ALHYDRC19C		U	10.4	10.4	mg/kg	03.31.16 19.13	U	1
Aromatic Hydrocarbons C11-22 (Unadj.)	C11C22		U	20.9	20.9	mg/kg	04.01.16 01.25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctadecane	3386-33-2	65	%	40-140	03.31.16 19.13	
o-Terphenyl	84-15-1	55	%	40-140	04.01.16 01.25	
2-Fluorobiphenyl	321-60-8	58	%	40-140	04.01.16 01.25	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-5**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-004	Date Collected:	03.24.16 09.35		
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	VBR			% Moisture:	4.78
Analyst:	VIC	Date Prep:	03.29.16 11.45	Basis:	Dry Weight
Seq Number:	991483				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1		U	0.349	0.0619	mg/kg	03.31.16 06.17	U	1
1,2-Dichlorobenzene	95-50-1		U	0.349	0.0566	mg/kg	03.31.16 06.17	U	1
1,3-Dichlorobenzene	541-73-1		U	0.349	0.0552	mg/kg	03.31.16 06.17	U	1
1,4-Dichlorobenzene	106-46-7		U	0.349	0.0545	mg/kg	03.31.16 06.17	U	1
2,4,5-Trichlorophenol	95-95-4		U	0.349	0.0643	mg/kg	03.31.16 06.17	U	1
2,4,6-Trichlorophenol	88-06-2		U	0.349	0.0675	mg/kg	03.31.16 06.17	U	1
2,4-Dichlorophenol	120-83-2		U	0.349	0.0444	mg/kg	03.31.16 06.17	U	1
2,4-Dimethylphenol	105-67-9		U	0.349	0.0636	mg/kg	03.31.16 06.17	U	1
2,4-Dinitrotoluene	121-14-2		U	0.349	0.0563	mg/kg	03.31.16 06.17	U	1
2,6-Dinitrotoluene	606-20-2		U	0.349	0.0454	mg/kg	03.31.16 06.17	U	1
2-Chloronaphthalene	91-58-7		U	0.349	0.0636	mg/kg	03.31.16 06.17	U	1
2-Chlorophenol	95-57-8		U	0.349	0.0626	mg/kg	03.31.16 06.17	U	1
2-Methylnaphthalene	91-57-6		U	0.349	0.0535	mg/kg	03.31.16 06.17	U	1
2-methylphenol	95-48-7		U	0.699	0.0489	mg/kg	03.31.16 06.17	U	1
2-Nitroaniline	88-74-4		U	0.349	0.0468	mg/kg	03.31.16 06.17	U	1
2-Nitrophenol	88-75-5		U	0.699	0.0440	mg/kg	03.31.16 06.17	U	1
3&4-Methylphenol	15831-10-4		U	1.75	0.103	mg/kg	03.31.16 06.17	U	1
3,3-Dichlorobenzidine	91-94-1		U	0.349	0.0510	mg/kg	03.31.16 06.17	U	1
3-Nitroaniline	99-09-2		U	0.349	0.0482	mg/kg	03.31.16 06.17	U	1
4,6-dinitro-2-methyl phenol	534-52-1		U	0.349	0.0608	mg/kg	03.31.16 06.17	U	1
4-Bromophenyl-phenylether	101-55-3		U	0.175	0.0594	mg/kg	03.31.16 06.17	U	1
4-chloro-3-methylphenol	59-50-7		U	0.349	0.0500	mg/kg	03.31.16 06.17	U	1
4-Chloroaniline	106-47-8		U	0.349	0.0580	mg/kg	03.31.16 06.17	U	1
4-Chlorophenyl-phenyl ether	7005-72-3		U	0.349	0.0664	mg/kg	03.31.16 06.17	U	1
4-Nitroaniline	100-01-6		U	0.699	0.0531	mg/kg	03.31.16 06.17	U	1
4-Nitrophenol	100-02-7		U	0.699	0.0430	mg/kg	03.31.16 06.17	U	1
Acenaphthene	83-32-9		U	0.349	0.0489	mg/kg	03.31.16 06.17	U	1
Acenaphthylene	208-96-8		U	0.349	0.0594	mg/kg	03.31.16 06.17	U	1
Aniline (Phenylamine, Aminobenzene)	62-53-3		U	0.349	0.0384	mg/kg	03.31.16 06.17	U	1
Anthracene	120-12-7		U	0.349	0.0517	mg/kg	03.31.16 06.17	U	1
Benzo(a)anthracene	56-55-3		U	0.349	0.0566	mg/kg	03.31.16 06.17	U	1
Benzo(a)pyrene	50-32-8		U	0.349	0.0514	mg/kg	03.31.16 06.17	U	1
Benzo(b)fluoranthene	205-99-2		U	0.349	0.0570	mg/kg	03.31.16 06.17	U	1
Benzo(g,h,i)perylene	191-24-2		U	0.349	0.0577	mg/kg	03.31.16 06.17	U	1
Benzo(k)fluoranthene	207-08-9		U	0.349	0.0601	mg/kg	03.31.16 06.17	U	1
Benzoic Acid	65-85-0		U	0.699	0.0552	mg/kg	03.31.16 06.17	U	1
Benzyl Butyl Phthalate	85-68-7		U	0.349	0.0524	mg/kg	03.31.16 06.17	U	1
bis(2-chloroethoxy) methane	111-91-1		U	0.349	0.0419	mg/kg	03.31.16 06.17	U	1
bis(2-chloroethyl) ether	111-44-4		U	0.175	0.0496	mg/kg	03.31.16 06.17	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **S-5**
Lab Sample Id: 527416-004

Matrix: Soil
Date Collected: 03.24.16 09.35

Date Received: 03.25.16 09.30

Analytical Method: SVOCs by SW-846 8270D
Tech: VBR
Analyst: VIC
Seq Number: 991483

Date Prep: 03.29.16 11.45

Prep Method: SW3550
% Moisture: 4.78
Basis: Dry Weight

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
bis(2-chloroisopropyl) ether	39638-32-9		U	0.349	0.0472	mg/kg	03.31.16 06.17	U	1
bis(2-ethylhexyl) phthalate	117-81-7		U	0.349	0.0566	mg/kg	03.31.16 06.17	U	1
Chrysene	218-01-9		U	0.349	0.0465	mg/kg	03.31.16 06.17	U	1
Dibenz(a,h)Anthracene	53-70-3		U	0.349	0.0678	mg/kg	03.31.16 06.17	U	1
Dibenzofuran	132-64-9		U	0.349	0.0447	mg/kg	03.31.16 06.17	U	1
Diethyl Phthalate	84-66-2		U	0.349	0.0563	mg/kg	03.31.16 06.17	U	1
Dimethyl Phthalate	131-11-3		U	0.349	0.0528	mg/kg	03.31.16 06.17	U	1
di-n-Butyl Phthalate	84-74-2		U	0.349	0.0643	mg/kg	03.31.16 06.17	U	1
di-n-Octyl Phthalate	117-84-0		U	0.349	0.0580	mg/kg	03.31.16 06.17	U	1
Fluoranthene	206-44-0		U	0.349	0.0454	mg/kg	03.31.16 06.17	U	1
Fluorene	86-73-7		U	0.349	0.0426	mg/kg	03.31.16 06.17	U	1
Hexachlorobenzene	118-74-1		U	0.349	0.0584	mg/kg	03.31.16 06.17	U	1
Hexachlorobutadiene	87-68-3		U	0.349	0.0388	mg/kg	03.31.16 06.17	U	1
Hexachlorocyclopentadiene	77-47-4		U	0.349	0.0601	mg/kg	03.31.16 06.17	UH	1
Hexachloroethane	67-72-1		U	0.349	0.0542	mg/kg	03.31.16 06.17	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5		U	0.349	0.0636	mg/kg	03.31.16 06.17	U	1
Isophorone	78-59-1		U	0.349	0.0360	mg/kg	03.31.16 06.17	U	1
Naphthalene	91-20-3		U	0.349	0.0559	mg/kg	03.31.16 06.17	U	1
Nitrobenzene	98-95-3		U	0.349	0.0622	mg/kg	03.31.16 06.17	U	1
N-Nitrosodi-n-Propylamine	621-64-7		U	0.349	0.0500	mg/kg	03.31.16 06.17	U	1
N-Nitrosodiphenylamine	86-30-6		U	0.349	0.0734	mg/kg	03.31.16 06.17	U	1
Pentachlorophenol	87-86-5		U	0.699	0.0633	mg/kg	03.31.16 06.17	U	1
Phenanthrene	85-01-8		U	0.349	0.0580	mg/kg	03.31.16 06.17	U	1
Phenol	108-95-2		U	0.349	0.0489	mg/kg	03.31.16 06.17	U	1
Pyrene	129-00-0		U	0.349	0.0594	mg/kg	03.31.16 06.17	U	1
Pyridine	110-86-1		U	0.349	0.0664	mg/kg	03.31.16 06.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	48	%	25-121	03.31.16 06.17	
Nitrobenzene-d5	4165-60-0	56	%	23-120	03.31.16 06.17	
2-Fluorobiphenyl	321-60-8	46	%	30-115	03.31.16 06.17	
2,4,6-Tribromophenol	118-79-6	71	%	19-122	03.31.16 06.17	
Terphenyl-D14	1718-51-0	52	%	18-137	03.31.16 06.17	
Phenol-d5	4165-62-2	51	%	15-110	03.31.16 06.17	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **S-5**
Lab Sample Id: 527416-004

Matrix: Soil
Date Collected: 03.24.16 09.35

Date Received:03.25.16 09.30

Analytical Method: VOCs by SW-846 8260B
Tech: ZHO
Analyst: MWE
Seq Number: 991381

Date Prep: 03.29.16 10.52

Prep Method: SW5035A
% Moisture: 4.78
Basis: Dry Weight

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.00660	0.000693	mg/kg	03.29.16 17.03	U	1
1,1,1-Trichloroethane	71-55-6	U	0.00660	0.000993	mg/kg	03.29.16 17.03	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.00660	0.00157	mg/kg	03.29.16 17.03	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	0.00660	0.00146	mg/kg	03.29.16 17.03	U	1
1,1,2-Trichloroethane	79-00-5	U	0.00660	0.000884	mg/kg	03.29.16 17.03	U	1
1,1-Dichloroethane	75-34-3	U	0.00660	0.00106	mg/kg	03.29.16 17.03	U	1
1,1-Dichloroethene	75-35-4	U	0.00660	0.00153	mg/kg	03.29.16 17.03	U	1
1,1-Dichloropropene	563-58-6	U	0.00660	0.000711	mg/kg	03.29.16 17.03	U	1
1,2,3-Trichlorobenzene	87-61-6	U	0.00660	0.000757	mg/kg	03.29.16 17.03	U	1
1,2,3-Trichloropropane	96-18-4	U	0.00660	0.00217	mg/kg	03.29.16 17.03	U	1
1,2,4-Trichlorobenzene	120-82-1	U	0.00660	0.00115	mg/kg	03.29.16 17.03	U	1
1,2,4-Trimethylbenzene	95-63-6	**0.748**	0.477	0.0687	mg/kg	03.30.16 18.18	D	50
1,2-Dichloroethane	107-06-2	U	0.00660	0.000788	mg/kg	03.29.16 17.03	U	1
1,3,5-Trimethylbenzene	108-67-8	**0.102**	0.00660	0.00107	mg/kg	03.29.16 17.03		1
1,3-Dichlorobenzene	541-73-1	U	0.00660	0.00132	mg/kg	03.29.16 17.03	U	1
1,3-Dichloropropane	142-28-9	U	0.00660	0.000908	mg/kg	03.29.16 17.03	U	1
1,4-Dichlorobenzene	106-46-7	U	0.00660	0.000902	mg/kg	03.29.16 17.03	U	1
2,2-Dichloropropane	594-20-7	U	0.00660	0.000790	mg/kg	03.29.16 17.03	U	1
2-Chloroethyl vinyl ether	110-75-8	U	0.0132	0.000986	mg/kg	03.29.16 17.03	U	1
2-Chlorotoluene	95-49-8	U	0.00660	0.000934	mg/kg	03.29.16 17.03	U	1
2-Hexanone	591-78-6	U	0.0132	0.00149	mg/kg	03.29.16 17.03	U	1
4-Chlorotoluene	106-43-4	U	0.00660	0.000730	mg/kg	03.29.16 17.03	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.0132	0.00426	mg/kg	03.29.16 17.03	U	1
Acetone	67-64-1	**0.0195**	0.0660	0.00907	mg/kg	03.29.16 17.03	J	1
Acrolein	107-02-8	U	0.0132	0.00586	mg/kg	03.29.16 17.03	U	1
Acrylonitrile	107-13-1	U	0.0132	0.00659	mg/kg	03.29.16 17.03	U	1
Benzene	71-43-2	**0.00204**	0.00660	0.000677	mg/kg	03.29.16 17.03	J	1
Bromobenzene	108-86-1	U	0.00660	0.00113	mg/kg	03.29.16 17.03	U	1
Bromochloromethane	74-97-5	U	0.00660	0.00133	mg/kg	03.29.16 17.03	U	1
Bromodichloromethane	75-27-4	U	0.00660	0.000661	mg/kg	03.29.16 17.03	U	1
Bromoform	75-25-2	U	0.00660	0.00127	mg/kg	03.29.16 17.03	U	1
Bromomethane	74-83-9	U	0.00660	0.00324	mg/kg	03.29.16 17.03	U	1
Carbon disulfide	75-15-0	U	0.00660	0.00192	mg/kg	03.29.16 17.03	U	1
Carbon tetrachloride	56-23-5	U	0.00660	0.000979	mg/kg	03.29.16 17.03	U	1
Chlorobenzene	108-90-7	U	0.00660	0.000764	mg/kg	03.29.16 17.03	U	1
Chloroethane	75-00-3	U	0.00660	0.00323	mg/kg	03.29.16 17.03	UL	1
Chloroform	67-66-3	U	0.00660	0.000978	mg/kg	03.29.16 17.03	U	1
Chloromethane	74-87-3	U	0.00660	0.00304	mg/kg	03.29.16 17.03	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.00660	0.000873	mg/kg	03.29.16 17.03	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **S-5**
Lab Sample Id: 527416-004

Matrix: Soil
Date Collected: 03.24.16 09.35

Date Received:03.25.16 09.30

Analytical Method: VOCs by SW-846 8260B
Tech: ZHO
Analyst: MWE
Seq Number: 991381

Date Prep: 03.29.16 10.52

Prep Method: SW5035A
% Moisture: 4.78
Basis: Dry Weight

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,3-Dichloropropene	10061-01-5	U	0.00660	0.000711	mg/kg	03.29.16 17.03	U	1
Dibromochloromethane	124-48-1	U	0.00660	0.00131	mg/kg	03.29.16 17.03	U	1
Dibromomethane	74-95-3	U	0.00660	0.000809	mg/kg	03.29.16 17.03	U	1
Dichlorodifluoromethane	75-71-8	U	0.00660	0.00156	mg/kg	03.29.16 17.03	U	1
Ethyl methacrylate	97-63-2	U	0.00660	0.000963	mg/kg	03.29.16 17.03	U	1
Ethylbenzene	100-41-4	**0.0204**	0.00660	0.000745	mg/kg	03.29.16 17.03		1
Hexachlorobutadiene	87-68-3	U	0.00660	0.00112	mg/kg	03.29.16 17.03	U	1
Isopropylbenzene	98-82-8	**0.00741**	0.00660	0.00100	mg/kg	03.29.16 17.03		1
m,p-Xylenes	179601-23-1	**0.143**	0.0132	0.00160	mg/kg	03.29.16 17.03		1
Methyl tert-butyl ether	1634-04-4	U	0.0132	0.000914	mg/kg	03.29.16 17.03	U	1
Methylene chloride	75-09-2	U	0.00660	0.00286	mg/kg	03.29.16 17.03	UH	1
Naphthalene	91-20-3	**0.0906**	0.00660	0.00172	mg/kg	03.29.16 17.03		1
n-Butylbenzene	104-51-8	**0.0252**	0.00660	0.00116	mg/kg	03.29.16 17.03		1
n-Propylbenzene	103-65-1	**0.0171**	0.00660	0.00103	mg/kg	03.29.16 17.03		1
Diethyl Ether (Ethyl Ether)	60-29-7	U	0.00660	0.00660	mg/kg	03.29.16 17.03	U	1
o-Xylene	95-47-6	**0.103**	0.00660	0.000945	mg/kg	03.29.16 17.03		1
p-Isopropyltoluene	99-87-6	**0.00352**	0.00660	0.00106	mg/kg	03.29.16 17.03	J	1
sec-Butylbenzene	135-98-8	U	0.00660	0.000867	mg/kg	03.29.16 17.03	U	1
Styrene	100-42-5	U	0.00660	0.000979	mg/kg	03.29.16 17.03	U	1
tert-Butylbenzene	98-06-6	U	0.00660	0.00110	mg/kg	03.29.16 17.03	U	1
Tetrachloroethene	127-18-4	U	0.00660	0.00137	mg/kg	03.29.16 17.03	U	1
Toluene	108-88-3	**0.0277**	0.00660	0.000776	mg/kg	03.29.16 17.03		1
trans-1,2-Dichloroethene	156-60-5	U	0.00660	0.00103	mg/kg	03.29.16 17.03	U	1
trans-1,3-Dichloropropene	10061-02-6	U	0.00660	0.000884	mg/kg	03.29.16 17.03	UL	1
Trichloroethene	79-01-6	U	0.00660	0.000933	mg/kg	03.29.16 17.03	U	1
Trichlorofluoromethane	75-69-4	U	0.00660	0.00463	mg/kg	03.29.16 17.03	U	1
Vinyl acetate	108-05-4	U	0.00660	0.000951	mg/kg	03.29.16 17.03	U	1
Vinyl chloride	75-01-4	U	0.00660	0.00265	mg/kg	03.29.16 17.03	U	1
Tetrahydrofuran	109-99-9	U	0.00660	0.00660	mg/kg	03.29.16 17.03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	110	%	50-150	03.29.16 17.03	
4-Bromofluorobenzene	460-00-4	98	%	57-158	03.29.16 17.03	
Toluene-D8	2037-26-5	99	%	50-150	03.29.16 17.03	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-5**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-004	Date Collected:	03.24.16 09.35		
Analytical Method:	VPH by MADEP Method			Prep Method:	SW5030B
Tech:	ZHO			% Moisture:	4.78
Analyst:	ZHO	Date Prep:	03.26.16 13.57	Basis:	Dry Weight
Seq Number:	991268				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
C5-C8 Aliphatic (Unadj.)	ALHYDRC5C8	U	7.16	7.16	mg/kg	03.27.16 05.42	U	50
C9-C12 Aliphatic (Unadj.)	ALHYDRC9C1	**8.96**	7.16	7.16	mg/kg	03.27.16 05.42		50
C9-C10 Aromatic (Unadj.)	HYDC9C10	**5.48**	2.39	2.39	mg/kg	03.27.16 05.42		50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2,5-Dibromotoluene	615-59-8	93	%	70-130	03.27.16 05.42	
2,5-Dibromotoluene (PID)	615-59-8	105	%	70-130	03.27.16 05.42	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-2**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-005	Date Collected:	03.24.16 13.35		
Analytical Method:	EPH by MADEP Method			Prep Method:	SW3550
Tech:	VBR			% Moisture:	11.22
Analyst:	CLAR	Date Prep:	03.29.16 12.30	Basis:	Dry Weight
Seq Number:	991564				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
Aliphatic Hydrocarbons C9-C18	ALHYDRC9C1		U	11.0	11.0	mg/kg	03.31.16 19.43	U	1
Aliphatic Hydrocarbons C19-C36	ALHYDRC19C		U	11.0	11.0	mg/kg	03.31.16 19.43	U	1
Aromatic Hydrocarbons C11-22 (Unadj.)	C11C22		U	22.0	22.0	mg/kg	04.01.16 01.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctadecane	3386-33-2	57	%	40-140	03.31.16 19.43	
o-Terphenyl	84-15-1	49	%	40-140	04.01.16 01.47	
2-Fluorobiphenyl	321-60-8	57	%	40-140	04.01.16 01.47	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-2**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-005	Date Collected:	03.24.16 13.35		
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	VBR			% Moisture:	11.22
Analyst:	VIC	Date Prep:	03.29.16 11.45	Basis:	Dry Weight
Seq Number:	991483				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	0.372	0.0659	mg/kg	03.31.16 02.14	U	1
1,2-Dichlorobenzene	95-50-1	U	0.372	0.0603	mg/kg	03.31.16 02.14	U	1
1,3-Dichlorobenzene	541-73-1	U	0.372	0.0588	mg/kg	03.31.16 02.14	U	1
1,4-Dichlorobenzene	106-46-7	U	0.372	0.0580	mg/kg	03.31.16 02.14	U	1
2,4,5-Trichlorophenol	95-95-4	U	0.372	0.0685	mg/kg	03.31.16 02.14	U	1
2,4,6-Trichlorophenol	88-06-2	U	0.372	0.0718	mg/kg	03.31.16 02.14	U	1
2,4-Dichlorophenol	120-83-2	U	0.372	0.0473	mg/kg	03.31.16 02.14	U	1
2,4-Dimethylphenol	105-67-9	U	0.372	0.0677	mg/kg	03.31.16 02.14	U	1
2,4-Dinitrotoluene	121-14-2	U	0.372	0.0599	mg/kg	03.31.16 02.14	U	1
2,6-Dinitrotoluene	606-20-2	U	0.372	0.0484	mg/kg	03.31.16 02.14	U	1
2-Chloronaphthalene	91-58-7	U	0.372	0.0677	mg/kg	03.31.16 02.14	U	1
2-Chlorophenol	95-57-8	U	0.372	0.0666	mg/kg	03.31.16 02.14	U	1
2-Methylnaphthalene	91-57-6	U	0.372	0.0569	mg/kg	03.31.16 02.14	U	1
2-methylphenol	95-48-7	U	0.744	0.0521	mg/kg	03.31.16 02.14	U	1
2-Nitroaniline	88-74-4	U	0.372	0.0499	mg/kg	03.31.16 02.14	U	1
2-Nitrophenol	88-75-5	U	0.744	0.0469	mg/kg	03.31.16 02.14	U	1
3&4-Methylphenol	15831-10-4	U	1.86	0.110	mg/kg	03.31.16 02.14	U	1
3,3-Dichlorobenzidine	91-94-1	U	0.372	0.0543	mg/kg	03.31.16 02.14	U	1
3-Nitroaniline	99-09-2	U	0.372	0.0514	mg/kg	03.31.16 02.14	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	0.372	0.0647	mg/kg	03.31.16 02.14	U	1
4-Bromophenyl-phenylether	101-55-3	U	0.186	0.0633	mg/kg	03.31.16 02.14	U	1
4-chloro-3-methylphenol	59-50-7	U	0.372	0.0532	mg/kg	03.31.16 02.14	U	1
4-Chloroaniline	106-47-8	U	0.372	0.0618	mg/kg	03.31.16 02.14	U	1
4-Chlorophenyl-phenyl ether	7005-72-3	U	0.372	0.0707	mg/kg	03.31.16 02.14	U	1
4-Nitroaniline	100-01-6	U	0.744	0.0566	mg/kg	03.31.16 02.14	U	1
4-Nitrophenol	100-02-7	U	0.744	0.0458	mg/kg	03.31.16 02.14	U	1
Acenaphthene	83-32-9	U	0.372	0.0521	mg/kg	03.31.16 02.14	U	1
Acenaphthylene	208-96-8	U	0.372	0.0633	mg/kg	03.31.16 02.14	U	1
Aniline (Phenylamine, Aminobenzene)	62-53-3	U	0.372	0.0409	mg/kg	03.31.16 02.14	U	1
Anthracene	120-12-7	U	0.372	0.0551	mg/kg	03.31.16 02.14	U	1
Benzo(a)anthracene	56-55-3	U	0.372	0.0603	mg/kg	03.31.16 02.14	U	1
Benzo(a)pyrene	50-32-8	U	0.372	0.0547	mg/kg	03.31.16 02.14	U	1
Benzo(b)fluoranthene	205-99-2	U	0.372	0.0607	mg/kg	03.31.16 02.14	U	1
Benzo(g,h,i)perylene	191-24-2	U	0.372	0.0614	mg/kg	03.31.16 02.14	U	1
Benzo(k)fluoranthene	207-08-9	U	0.372	0.0640	mg/kg	03.31.16 02.14	U	1
Benzoic Acid	65-85-0	U	0.744	0.0588	mg/kg	03.31.16 02.14	U	1
Benzyl Butyl Phthalate	85-68-7	U	0.372	0.0558	mg/kg	03.31.16 02.14	U	1
bis(2-chloroethoxy) methane	111-91-1	U	0.372	0.0447	mg/kg	03.31.16 02.14	U	1
bis(2-chloroethyl) ether	111-44-4	U	0.186	0.0528	mg/kg	03.31.16 02.14	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-2**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-005	Date Collected:	03.24.16 13.35		
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	VBR			% Moisture:	11.22
Analyst:	VIC	Date Prep:	03.29.16 11.45	Basis:	Dry Weight
Seq Number:	991483				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
bis(2-chloroisopropyl) ether	39638-32-9	U	0.372	0.0502	mg/kg	03.31.16 02.14	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	0.372	0.0603	mg/kg	03.31.16 02.14	U	1
Chrysene	218-01-9	U	0.372	0.0495	mg/kg	03.31.16 02.14	U	1
Dibenz(a,h)Anthracene	53-70-3	U	0.372	0.0722	mg/kg	03.31.16 02.14	U	1
Dibenzofuran	132-64-9	U	0.372	0.0476	mg/kg	03.31.16 02.14	U	1
Diethyl Phthalate	84-66-2	U	0.372	0.0599	mg/kg	03.31.16 02.14	U	1
Dimethyl Phthalate	131-11-3	U	0.372	0.0562	mg/kg	03.31.16 02.14	U	1
di-n-Butyl Phthalate	84-74-2	U	0.372	0.0685	mg/kg	03.31.16 02.14	U	1
di-n-Octyl Phthalate	117-84-0	U	0.372	0.0618	mg/kg	03.31.16 02.14	U	1
Fluoranthene	206-44-0	U	0.372	0.0484	mg/kg	03.31.16 02.14	U	1
Fluorene	86-73-7	U	0.372	0.0454	mg/kg	03.31.16 02.14	U	1
Hexachlorobenzene	118-74-1	U	0.372	0.0621	mg/kg	03.31.16 02.14	U	1
Hexachlorobutadiene	87-68-3	U	0.372	0.0413	mg/kg	03.31.16 02.14	U	1
Hexachlorocyclopentadiene	77-47-4	U	0.372	0.0640	mg/kg	03.31.16 02.14	UH	1
Hexachloroethane	67-72-1	U	0.372	0.0577	mg/kg	03.31.16 02.14	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	0.372	0.0677	mg/kg	03.31.16 02.14	U	1
Isophorone	78-59-1	U	0.372	0.0383	mg/kg	03.31.16 02.14	U	1
Naphthalene	91-20-3	U	0.372	0.0595	mg/kg	03.31.16 02.14	U	1
Nitrobenzene	98-95-3	U	0.372	0.0662	mg/kg	03.31.16 02.14	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	0.372	0.0532	mg/kg	03.31.16 02.14	U	1
N-Nitrosodiphenylamine	86-30-6	U	0.372	0.0781	mg/kg	03.31.16 02.14	U	1
Pentachlorophenol	87-86-5	U	0.744	0.0674	mg/kg	03.31.16 02.14	U	1
Phenanthrene	85-01-8	U	0.372	0.0618	mg/kg	03.31.16 02.14	U	1
Phenol	108-95-2	U	0.372	0.0521	mg/kg	03.31.16 02.14	U	1
Pyrene	129-00-0	U	0.372	0.0633	mg/kg	03.31.16 02.14	U	1
Pyridine	110-86-1	U	0.372	0.0707	mg/kg	03.31.16 02.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	47	%	25-121	03.31.16 02.14	
Nitrobenzene-d5	4165-60-0	55	%	23-120	03.31.16 02.14	
2-Fluorobiphenyl	321-60-8	54	%	30-115	03.31.16 02.14	
2,4,6-Tribromophenol	118-79-6	55	%	19-122	03.31.16 02.14	
Terphenyl-D14	1718-51-0	59	%	18-137	03.31.16 02.14	
Phenol-d5	4165-62-2	47	%	15-110	03.31.16 02.14	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-2**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-005	Date Collected:	03.24.16 13.35		
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	ZHO			% Moisture:	11.22
Analyst:	MWE	Date Prep:	03.29.16 10.52	Basis:	Dry Weight
Seq Number:	991381				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6		U	0.00491	0.000516	mg/kg	03.29.16 16.11	U	1
1,1,1-Trichloroethane	71-55-6		U	0.00491	0.000740	mg/kg	03.29.16 16.11	U	1
1,1,2,2-Tetrachloroethane	79-34-5		U	0.00491	0.00117	mg/kg	03.29.16 16.11	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1		U	0.00491	0.00109	mg/kg	03.29.16 16.11	U	1
1,1,2-Trichloroethane	79-00-5		U	0.00491	0.000659	mg/kg	03.29.16 16.11	U	1
1,1-Dichloroethane	75-34-3		U	0.00491	0.000788	mg/kg	03.29.16 16.11	U	1
1,1-Dichloroethene	75-35-4		U	0.00491	0.00114	mg/kg	03.29.16 16.11	U	1
1,1-Dichloropropene	563-58-6		U	0.00491	0.000530	mg/kg	03.29.16 16.11	U	1
1,2,3-Trichlorobenzene	87-61-6		U	0.00491	0.000564	mg/kg	03.29.16 16.11	U	1
1,2,3-Trichloropropane	96-18-4		U	0.00491	0.00162	mg/kg	03.29.16 16.11	U	1
1,2,4-Trichlorobenzene	120-82-1		U	0.00491	0.000858	mg/kg	03.29.16 16.11	U	1
1,2,4-Trimethylbenzene	95-63-6		U	0.00491	0.000708	mg/kg	03.29.16 16.11	U	1
1,2-Dichloroethane	107-06-2		U	0.00491	0.000587	mg/kg	03.29.16 16.11	U	1
1,3,5-Trimethylbenzene	108-67-8		U	0.00491	0.000800	mg/kg	03.29.16 16.11	U	1
1,3-Dichlorobenzene	541-73-1		U	0.00491	0.000980	mg/kg	03.29.16 16.11	U	1
1,3-Dichloropropane	142-28-9		U	0.00491	0.000676	mg/kg	03.29.16 16.11	U	1
1,4-Dichlorobenzene	106-46-7		U	0.00491	0.000672	mg/kg	03.29.16 16.11	U	1
2,2-Dichloropropane	594-20-7		U	0.00491	0.000589	mg/kg	03.29.16 16.11	U	1
2-Chloroethyl vinyl ether	110-75-8		U	0.00983	0.000734	mg/kg	03.29.16 16.11	U	1
2-Chlorotoluene	95-49-8		U	0.00491	0.000696	mg/kg	03.29.16 16.11	U	1
2-Hexanone	591-78-6		U	0.00983	0.00111	mg/kg	03.29.16 16.11	U	1
4-Chlorotoluene	106-43-4		U	0.00491	0.000544	mg/kg	03.29.16 16.11	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1		U	0.00983	0.00318	mg/kg	03.29.16 16.11	U	1
Acetone	67-64-1	**0.0126**		0.0491	0.00676	mg/kg	03.29.16 16.11	J	1
Acrolein	107-02-8		U	0.00983	0.00437	mg/kg	03.29.16 16.11	U	1
Acrylonitrile	107-13-1		U	0.00983	0.00491	mg/kg	03.29.16 16.11	U	1
Benzene	71-43-2		U	0.00491	0.000504	mg/kg	03.29.16 16.11	U	1
Bromobenzene	108-86-1		U	0.00491	0.000839	mg/kg	03.29.16 16.11	U	1
Bromochloromethane	74-97-5		U	0.00491	0.000989	mg/kg	03.29.16 16.11	U	1
Bromodichloromethane	75-27-4		U	0.00491	0.000492	mg/kg	03.29.16 16.11	U	1
Bromoform	75-25-2		U	0.00491	0.000943	mg/kg	03.29.16 16.11	U	1
Bromomethane	74-83-9		U	0.00491	0.00241	mg/kg	03.29.16 16.11	U	1
Carbon disulfide	75-15-0		U	0.00491	0.00143	mg/kg	03.29.16 16.11	U	1
Carbon tetrachloride	56-23-5		U	0.00491	0.000729	mg/kg	03.29.16 16.11	U	1
Chlorobenzene	108-90-7		U	0.00491	0.000569	mg/kg	03.29.16 16.11	U	1
Chloroethane	75-00-3		U	0.00491	0.00240	mg/kg	03.29.16 16.11	UL	1
Chloroform	67-66-3		U	0.00491	0.000728	mg/kg	03.29.16 16.11	U	1
Chloromethane	74-87-3		U	0.00491	0.00226	mg/kg	03.29.16 16.11	U	1
cis-1,2-Dichloroethene	156-59-2		U	0.00491	0.000651	mg/kg	03.29.16 16.11	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-2**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-005	Date Collected:	03.24.16 13.35		
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	ZHO			% Moisture:	11.22
Analyst:	MWE	Date Prep:	03.29.16 10.52	Basis:	Dry Weight
Seq Number:	991381				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,3-Dichloropropene	10061-01-5		U	0.00491	0.000530	mg/kg	03.29.16 16.11	U	1
Dibromochloromethane	124-48-1		U	0.00491	0.000977	mg/kg	03.29.16 16.11	U	1
Dibromomethane	74-95-3		U	0.00491	0.000603	mg/kg	03.29.16 16.11	U	1
Dichlorodifluoromethane	75-71-8		U	0.00491	0.00116	mg/kg	03.29.16 16.11	U	1
Ethyl methacrylate	97-63-2		U	0.00491	0.000718	mg/kg	03.29.16 16.11	U	1
Ethylbenzene	100-41-4		U	0.00491	0.000555	mg/kg	03.29.16 16.11	U	1
Hexachlorobutadiene	87-68-3		U	0.00491	0.000837	mg/kg	03.29.16 16.11	U	1
Isopropylbenzene	98-82-8		U	0.00491	0.000746	mg/kg	03.29.16 16.11	U	1
m,p-Xylenes	179601-23-1		U	0.00983	0.00119	mg/kg	03.29.16 16.11	U	1
Methyl tert-butyl ether	1634-04-4		U	0.00983	0.000681	mg/kg	03.29.16 16.11	U	1
Methylene chloride	75-09-2		U	0.00491	0.00213	mg/kg	03.29.16 16.11	UH	1
Naphthalene	91-20-3		U	0.00491	0.00128	mg/kg	03.29.16 16.11	U	1
n-Butylbenzene	104-51-8		U	0.00491	0.000867	mg/kg	03.29.16 16.11	U	1
n-Propylbenzene	103-65-1		U	0.00491	0.000769	mg/kg	03.29.16 16.11	U	1
Diethyl Ether (Ethyl Ether)	60-29-7		U	0.00491	0.00491	mg/kg	03.29.16 16.11	U	1
o-Xylene	95-47-6		U	0.00491	0.000704	mg/kg	03.29.16 16.11	U	1
p-Isopropyltoluene	99-87-6		U	0.00491	0.000786	mg/kg	03.29.16 16.11	U	1
sec-Butylbenzene	135-98-8		U	0.00491	0.000646	mg/kg	03.29.16 16.11	U	1
Styrene	100-42-5		U	0.00491	0.000729	mg/kg	03.29.16 16.11	U	1
tert-Butylbenzene	98-06-6		U	0.00491	0.000820	mg/kg	03.29.16 16.11	U	1
Tetrachloroethene	127-18-4		U	0.00491	0.00102	mg/kg	03.29.16 16.11	U	1
Toluene	108-88-3		U	0.00491	0.000578	mg/kg	03.29.16 16.11	U	1
trans-1,2-Dichloroethene	156-60-5		U	0.00491	0.000767	mg/kg	03.29.16 16.11	U	1
trans-1,3-Dichloropropene	10061-02-6		U	0.00491	0.000659	mg/kg	03.29.16 16.11	UL	1
Trichloroethene	79-01-6		U	0.00491	0.000695	mg/kg	03.29.16 16.11	U	1
Trichlorofluoromethane	75-69-4		U	0.00491	0.00345	mg/kg	03.29.16 16.11	U	1
Vinyl acetate	108-05-4		U	0.00491	0.000709	mg/kg	03.29.16 16.11	U	1
Vinyl chloride	75-01-4		U	0.00491	0.00197	mg/kg	03.29.16 16.11	U	1
Tetrahydrofuran	109-99-9		U	0.00491	0.00491	mg/kg	03.29.16 16.11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	114	%	50-150	03.29.16 16.11	
4-Bromofluorobenzene	460-00-4	98	%	57-158	03.29.16 16.11	
Toluene-D8	2037-26-5	98	%	50-150	03.29.16 16.11	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-2**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-005	Date Collected:	03.24.16 13.35		
Analytical Method:	VPH by MADEP Method			Prep Method:	SW5030B
Tech:	ZHO			% Moisture:	11.22
Analyst:	ZHO	Date Prep:	03.26.16 13.57	Basis:	Dry Weight
Seq Number:	991268				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
C5-C8 Aliphatic (Unadj.)	ALHYDRC5C8	U	4.95	4.95	mg/kg	03.27.16 06.27	U	50
C9-C12 Aliphatic (Unadj.)	ALHYDRC9C1	U	4.95	4.95	mg/kg	03.27.16 06.27	U	50
C9-C10 Aromatic (Unadj.)	HYDC9C10	U	1.65	1.65	mg/kg	03.27.16 06.27	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2,5-Dibromotoluene	615-59-8	93	%	70-130	03.27.16 06.27	
2,5-Dibromotoluene (PID)	615-59-8	105	%	70-130	03.27.16 06.27	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-6**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-006	Date Collected:	03.24.16 13.37		
Analytical Method:	EPH by MADEP Method			Prep Method:	SW3550
Tech:	VBR			% Moisture:	7.98
Analyst:	CLAR	Date Prep:	03.29.16 12.30	Basis:	Dry Weight
Seq Number:	991564				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
Aliphatic Hydrocarbons C9-C18	ALHYDRC9C1		U	10.5	10.5	mg/kg	03.31.16 20.13	U	1
Aliphatic Hydrocarbons C19-C36	ALHYDRC19C		U	10.5	10.5	mg/kg	03.31.16 20.13	U	1
Aromatic Hydrocarbons C11-22 (Unadj.)	C11C22		U	21.1	21.1	mg/kg	04.01.16 02.10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctadecane	3386-33-2	57	%	40-140	03.31.16 20.13	
o-Terphenyl	84-15-1	54	%	40-140	04.01.16 02.10	
2-Fluorobiphenyl	321-60-8	62	%	40-140	04.01.16 02.10	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-6**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-006	Date Collected:	03.24.16 13.37		
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	VBR			% Moisture:	7.98
Analyst:	VIC	Date Prep:	03.29.16 11.45	Basis:	Dry Weight
Seq Number:	991483				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	0.357	0.0633	mg/kg	03.31.16 02.42	U	1
1,2-Dichlorobenzene	95-50-1	U	0.357	0.0579	mg/kg	03.31.16 02.42	U	1
1,3-Dichlorobenzene	541-73-1	U	0.357	0.0565	mg/kg	03.31.16 02.42	U	1
1,4-Dichlorobenzene	106-46-7	U	0.357	0.0557	mg/kg	03.31.16 02.42	U	1
2,4,5-Trichlorophenol	95-95-4	U	0.357	0.0658	mg/kg	03.31.16 02.42	U	1
2,4,6-Trichlorophenol	88-06-2	U	0.357	0.0690	mg/kg	03.31.16 02.42	U	1
2,4-Dichlorophenol	120-83-2	U	0.357	0.0454	mg/kg	03.31.16 02.42	U	1
2,4-Dimethylphenol	105-67-9	U	0.357	0.0650	mg/kg	03.31.16 02.42	U	1
2,4-Dinitrotoluene	121-14-2	U	0.357	0.0575	mg/kg	03.31.16 02.42	U	1
2,6-Dinitrotoluene	606-20-2	U	0.357	0.0465	mg/kg	03.31.16 02.42	U	1
2-Chloronaphthalene	91-58-7	U	0.357	0.0650	mg/kg	03.31.16 02.42	U	1
2-Chlorophenol	95-57-8	U	0.357	0.0640	mg/kg	03.31.16 02.42	U	1
2-Methylnaphthalene	91-57-6	U	0.357	0.0547	mg/kg	03.31.16 02.42	U	1
2-methylphenol	95-48-7	U	0.715	0.0500	mg/kg	03.31.16 02.42	U	1
2-Nitroaniline	88-74-4	U	0.357	0.0479	mg/kg	03.31.16 02.42	U	1
2-Nitrophenol	88-75-5	U	0.715	0.0450	mg/kg	03.31.16 02.42	U	1
3&4-Methylphenol	15831-10-4	U	1.79	0.106	mg/kg	03.31.16 02.42	U	1
3,3-Dichlorobenzidine	91-94-1	U	0.357	0.0522	mg/kg	03.31.16 02.42	U	1
3-Nitroaniline	99-09-2	U	0.357	0.0493	mg/kg	03.31.16 02.42	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	0.357	0.0622	mg/kg	03.31.16 02.42	U	1
4-Bromophenyl-phenylether	101-55-3	U	0.179	0.0608	mg/kg	03.31.16 02.42	U	1
4-chloro-3-methylphenol	59-50-7	U	0.357	0.0511	mg/kg	03.31.16 02.42	U	1
4-Chloroaniline	106-47-8	U	0.357	0.0593	mg/kg	03.31.16 02.42	U	1
4-Chlorophenyl-phenyl ether	7005-72-3	U	0.357	0.0679	mg/kg	03.31.16 02.42	U	1
4-Nitroaniline	100-01-6	U	0.715	0.0543	mg/kg	03.31.16 02.42	U	1
4-Nitrophenol	100-02-7	U	0.715	0.0440	mg/kg	03.31.16 02.42	U	1
Acenaphthene	83-32-9	U	0.357	0.0500	mg/kg	03.31.16 02.42	U	1
Acenaphthylene	208-96-8	U	0.357	0.0608	mg/kg	03.31.16 02.42	U	1
Aniline (Phenylamine, Aminobenzene)	62-53-3	U	0.357	0.0393	mg/kg	03.31.16 02.42	U	1
Anthracene	120-12-7	U	0.357	0.0529	mg/kg	03.31.16 02.42	U	1
Benzo(a)anthracene	56-55-3	U	0.357	0.0579	mg/kg	03.31.16 02.42	U	1
Benzo(a)pyrene	50-32-8	U	0.357	0.0525	mg/kg	03.31.16 02.42	U	1
Benzo(b)fluoranthene	205-99-2	U	0.357	0.0582	mg/kg	03.31.16 02.42	U	1
Benzo(g,h,i)perylene	191-24-2	U	0.357	0.0590	mg/kg	03.31.16 02.42	U	1
Benzo(k)fluoranthene	207-08-9	U	0.357	0.0615	mg/kg	03.31.16 02.42	U	1
Benzoic Acid	65-85-0	U	0.715	0.0565	mg/kg	03.31.16 02.42	U	1
Benzyl Butyl Phthalate	85-68-7	U	0.357	0.0536	mg/kg	03.31.16 02.42	U	1
bis(2-chloroethoxy) methane	111-91-1	U	0.357	0.0429	mg/kg	03.31.16 02.42	U	1
bis(2-chloroethyl) ether	111-44-4	U	0.179	0.0507	mg/kg	03.31.16 02.42	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **S-6**
Lab Sample Id: 527416-006

Matrix: Soil
Date Collected: 03.24.16 13.37

Date Received:03.25.16 09.30

Analytical Method: SVOCs by SW-846 8270D
Tech: VBR
Analyst: VIC
Seq Number: 991483

Date Prep: 03.29.16 11.45

Prep Method: SW3550
% Moisture: 7.98
Basis: Dry Weight

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
bis(2-chloroisopropyl) ether	39638-32-9		U	0.357	0.0482	mg/kg	03.31.16 02.42	U	1
bis(2-ethylhexyl) phthalate	117-81-7		U	0.357	0.0579	mg/kg	03.31.16 02.42	U	1
Chrysene	218-01-9		U	0.357	0.0475	mg/kg	03.31.16 02.42	U	1
Dibenz(a,h)Anthracene	53-70-3		U	0.357	0.0693	mg/kg	03.31.16 02.42	U	1
Dibenzofuran	132-64-9		U	0.357	0.0457	mg/kg	03.31.16 02.42	U	1
Diethyl Phthalate	84-66-2		U	0.357	0.0575	mg/kg	03.31.16 02.42	U	1
Dimethyl Phthalate	131-11-3		U	0.357	0.0540	mg/kg	03.31.16 02.42	U	1
di-n-Butyl Phthalate	84-74-2		U	0.357	0.0658	mg/kg	03.31.16 02.42	U	1
di-n-Octyl Phthalate	117-84-0		U	0.357	0.0593	mg/kg	03.31.16 02.42	U	1
Fluoranthene	206-44-0		U	0.357	0.0465	mg/kg	03.31.16 02.42	U	1
Fluorene	86-73-7		U	0.357	0.0436	mg/kg	03.31.16 02.42	U	1
Hexachlorobenzene	118-74-1		U	0.357	0.0597	mg/kg	03.31.16 02.42	U	1
Hexachlorobutadiene	87-68-3		U	0.357	0.0397	mg/kg	03.31.16 02.42	U	1
Hexachlorocyclopentadiene	77-47-4		U	0.357	0.0615	mg/kg	03.31.16 02.42	UH	1
Hexachloroethane	67-72-1		U	0.357	0.0554	mg/kg	03.31.16 02.42	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5		U	0.357	0.0650	mg/kg	03.31.16 02.42	U	1
Isophorone	78-59-1		U	0.357	0.0368	mg/kg	03.31.16 02.42	U	1
Naphthalene	91-20-3		U	0.357	0.0572	mg/kg	03.31.16 02.42	U	1
Nitrobenzene	98-95-3		U	0.357	0.0636	mg/kg	03.31.16 02.42	U	1
N-Nitrosodi-n-Propylamine	621-64-7		U	0.357	0.0511	mg/kg	03.31.16 02.42	U	1
N-Nitrosodiphenylamine	86-30-6		U	0.357	0.0750	mg/kg	03.31.16 02.42	U	1
Pentachlorophenol	87-86-5		U	0.715	0.0647	mg/kg	03.31.16 02.42	U	1
Phenanthrene	85-01-8		U	0.357	0.0593	mg/kg	03.31.16 02.42	U	1
Phenol	108-95-2		U	0.357	0.0500	mg/kg	03.31.16 02.42	U	1
Pyrene	129-00-0		U	0.357	0.0608	mg/kg	03.31.16 02.42	U	1
Pyridine	110-86-1		U	0.357	0.0679	mg/kg	03.31.16 02.42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	44	%	25-121	03.31.16 02.42	
Nitrobenzene-d5	4165-60-0	50	%	23-120	03.31.16 02.42	
2-Fluorobiphenyl	321-60-8	49	%	30-115	03.31.16 02.42	
2,4,6-Tribromophenol	118-79-6	53	%	19-122	03.31.16 02.42	
Terphenyl-D14	1718-51-0	57	%	18-137	03.31.16 02.42	
Phenol-d5	4165-62-2	47	%	15-110	03.31.16 02.42	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **S-6**
Lab Sample Id: 527416-006

Matrix: Soil
Date Collected: 03.24.16 13.37

Date Received:03.25.16 09.30

Analytical Method: VOCs by SW-846 8260B
Tech: ZHO
Analyst: MWE
Seq Number: 991381

Date Prep: 03.29.16 10.52

Prep Method: SW5035A
% Moisture: 7.98
Basis: Dry Weight

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6		U	0.00573	0.000602	mg/kg	03.29.16 16.37	U	1
1,1,1-Trichloroethane	71-55-6		U	0.00573	0.000863	mg/kg	03.29.16 16.37	U	1
1,1,2,2-Tetrachloroethane	79-34-5		U	0.00573	0.00136	mg/kg	03.29.16 16.37	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1		U	0.00573	0.00127	mg/kg	03.29.16 16.37	U	1
1,1,2-Trichloroethane	79-00-5		U	0.00573	0.000768	mg/kg	03.29.16 16.37	U	1
1,1-Dichloroethane	75-34-3		U	0.00573	0.000919	mg/kg	03.29.16 16.37	U	1
1,1-Dichloroethene	75-35-4		U	0.00573	0.00133	mg/kg	03.29.16 16.37	U	1
1,1-Dichloropropene	563-58-6		U	0.00573	0.000618	mg/kg	03.29.16 16.37	U	1
1,2,3-Trichlorobenzene	87-61-6		U	0.00573	0.000658	mg/kg	03.29.16 16.37	U	1
1,2,3-Trichloropropane	96-18-4		U	0.00573	0.00189	mg/kg	03.29.16 16.37	U	1
1,2,4-Trichlorobenzene	120-82-1		U	0.00573	0.00100	mg/kg	03.29.16 16.37	U	1
1,2,4-Trimethylbenzene	95-63-6		U	0.00573	0.000825	mg/kg	03.29.16 16.37	U	1
1,2-Dichloroethane	107-06-2		U	0.00573	0.000684	mg/kg	03.29.16 16.37	U	1
1,3,5-Trimethylbenzene	108-67-8		U	0.00573	0.000933	mg/kg	03.29.16 16.37	U	1
1,3-Dichlorobenzene	541-73-1		U	0.00573	0.00114	mg/kg	03.29.16 16.37	U	1
1,3-Dichloropropane	142-28-9		U	0.00573	0.000789	mg/kg	03.29.16 16.37	U	1
1,4-Dichlorobenzene	106-46-7		U	0.00573	0.000784	mg/kg	03.29.16 16.37	U	1
2,2-Dichloropropane	594-20-7		U	0.00573	0.000687	mg/kg	03.29.16 16.37	U	1
2-Chloroethyl vinyl ether	110-75-8		U	0.0115	0.000856	mg/kg	03.29.16 16.37	UX	1
2-Chlorotoluene	95-49-8		U	0.00573	0.000812	mg/kg	03.29.16 16.37	U	1
2-Hexanone	591-78-6		U	0.0115	0.00129	mg/kg	03.29.16 16.37	U	1
4-Chlorotoluene	106-43-4		U	0.00573	0.000634	mg/kg	03.29.16 16.37	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1		U	0.0115	0.00370	mg/kg	03.29.16 16.37	U	1
Acetone	67-64-1	**0.0193**		0.0573	0.00788	mg/kg	03.29.16 16.37	J	1
Acrolein	107-02-8		U	0.0115	0.00509	mg/kg	03.29.16 16.37	U	1
Acrylonitrile	107-13-1		U	0.0115	0.00572	mg/kg	03.29.16 16.37	U	1
Benzene	71-43-2		U	0.00573	0.000588	mg/kg	03.29.16 16.37	U	1
Bromobenzene	108-86-1		U	0.00573	0.000979	mg/kg	03.29.16 16.37	U	1
Bromochloromethane	74-97-5		U	0.00573	0.00115	mg/kg	03.29.16 16.37	U	1
Bromodichloromethane	75-27-4		U	0.00573	0.000574	mg/kg	03.29.16 16.37	U	1
Bromoform	75-25-2		U	0.00573	0.00110	mg/kg	03.29.16 16.37	U	1
Bromomethane	74-83-9		U	0.00573	0.00282	mg/kg	03.29.16 16.37	U	1
Carbon disulfide	75-15-0		U	0.00573	0.00167	mg/kg	03.29.16 16.37	U	1
Carbon tetrachloride	56-23-5		U	0.00573	0.000851	mg/kg	03.29.16 16.37	U	1
Chlorobenzene	108-90-7		U	0.00573	0.000664	mg/kg	03.29.16 16.37	U	1
Chloroethane	75-00-3		U	0.00573	0.00280	mg/kg	03.29.16 16.37	UL	1
Chloroform	67-66-3		U	0.00573	0.000849	mg/kg	03.29.16 16.37	U	1
Chloromethane	74-87-3		U	0.00573	0.00264	mg/kg	03.29.16 16.37	U	1
cis-1,2-Dichloroethene	156-59-2		U	0.00573	0.000759	mg/kg	03.29.16 16.37	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-6**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-006	Date Collected:	03.24.16 13.37		
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	ZHO			% Moisture:	7.98
Analyst:	MWE	Date Prep:	03.29.16 10.52	Basis:	Dry Weight
Seq Number:	991381				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,3-Dichloropropene	10061-01-5		U	0.00573	0.000618	mg/kg	03.29.16 16.37	U	1
Dibromochloromethane	124-48-1		U	0.00573	0.00114	mg/kg	03.29.16 16.37	U	1
Dibromomethane	74-95-3		U	0.00573	0.000703	mg/kg	03.29.16 16.37	U	1
Dichlorodifluoromethane	75-71-8		U	0.00573	0.00135	mg/kg	03.29.16 16.37	U	1
Ethyl methacrylate	97-63-2		U	0.00573	0.000837	mg/kg	03.29.16 16.37	U	1
Ethylbenzene	100-41-4		U	0.00573	0.000648	mg/kg	03.29.16 16.37	U	1
Hexachlorobutadiene	87-68-3		U	0.00573	0.000977	mg/kg	03.29.16 16.37	U	1
Isopropylbenzene	98-82-8		U	0.00573	0.000870	mg/kg	03.29.16 16.37	U	1
m,p-Xylenes	179601-23-1		U	0.0115	0.00139	mg/kg	03.29.16 16.37	U	1
Methyl tert-butyl ether	1634-04-4		U	0.0115	0.000794	mg/kg	03.29.16 16.37	U	1
Methylene chloride	75-09-2		U	0.00573	0.00248	mg/kg	03.29.16 16.37	UH	1
Naphthalene	91-20-3		U	0.00573	0.00149	mg/kg	03.29.16 16.37	U	1
n-Butylbenzene	104-51-8		U	0.00573	0.00101	mg/kg	03.29.16 16.37	U	1
n-Propylbenzene	103-65-1		U	0.00573	0.000896	mg/kg	03.29.16 16.37	U	1
Diethyl Ether (Ethyl Ether)	60-29-7		U	0.00573	0.00573	mg/kg	03.29.16 16.37	U	1
o-Xylene	95-47-6		U	0.00573	0.000821	mg/kg	03.29.16 16.37	U	1
p-Isopropyltoluene	99-87-6		U	0.00573	0.000917	mg/kg	03.29.16 16.37	U	1
sec-Butylbenzene	135-98-8		U	0.00573	0.000753	mg/kg	03.29.16 16.37	U	1
Styrene	100-42-5		U	0.00573	0.000851	mg/kg	03.29.16 16.37	U	1
tert-Butylbenzene	98-06-6		U	0.00573	0.000956	mg/kg	03.29.16 16.37	U	1
Tetrachloroethene	127-18-4		U	0.00573	0.00119	mg/kg	03.29.16 16.37	U	1
Toluene	108-88-3	**0.00171**		0.00573	0.000674	mg/kg	03.29.16 16.37	J	1
trans-1,2-Dichloroethene	156-60-5		U	0.00573	0.000894	mg/kg	03.29.16 16.37	U	1
trans-1,3-Dichloropropene	10061-02-6		U	0.00573	0.000768	mg/kg	03.29.16 16.37	UL	1
Trichloroethene	79-01-6		U	0.00573	0.000810	mg/kg	03.29.16 16.37	U	1
Trichlorofluoromethane	75-69-4		U	0.00573	0.00403	mg/kg	03.29.16 16.37	U	1
Vinyl acetate	108-05-4		U	0.00573	0.000827	mg/kg	03.29.16 16.37	U	1
Vinyl chloride	75-01-4		U	0.00573	0.00230	mg/kg	03.29.16 16.37	U	1
Tetrahydrofuran	109-99-9		U	0.00573	0.00573	mg/kg	03.29.16 16.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	117	%	50-150	03.29.16 16.37	
4-Bromofluorobenzene	460-00-4	98	%	57-158	03.29.16 16.37	
Toluene-D8	2037-26-5	97	%	50-150	03.29.16 16.37	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-6**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-006	Date Collected:	03.24.16 13.37		
Analytical Method:	VPH by MADEP Method			Prep Method:	SW5030B
Tech:	ZHO			% Moisture:	7.98
Analyst:	ZHO	Date Prep:	03.26.16 13.57	Basis:	Dry Weight
Seq Number:	991268				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
C5-C8 Aliphatic (Unadj.)	ALHYDRC5C8		U	4.74	4.74	mg/kg	03.27.16 07.11	U	50
C9-C12 Aliphatic (Unadj.)	ALHYDRC9C1		U	4.74	4.74	mg/kg	03.27.16 07.11	U	50
C9-C10 Aromatic (Unadj.)	HYDC9C10		U	1.58	1.58	mg/kg	03.27.16 07.11	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2,5-Dibromotoluene	615-59-8	83	%	70-130	03.27.16 07.11	
2,5-Dibromotoluene (PID)	615-59-8	98	%	70-130	03.27.16 07.11	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**D-1**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-007	Date Collected:	03.24.16 14.30		
Analytical Method:	EPH by MADEP Method			Prep Method:	SW3550
Tech:	VBR			% Moisture:	6.02
Analyst:	CLAR	Date Prep:	03.29.16 12.30	Basis:	Dry Weight
Seq Number:	991564				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
Aliphatic Hydrocarbons C9-C18	ALHYDRC9C1		U	10.6	10.6	mg/kg	03.31.16 20.42	U	1
Aliphatic Hydrocarbons C19-C36	ALHYDRC19C		U	10.6	10.6	mg/kg	03.31.16 20.42	U	1
Aromatic Hydrocarbons C11-22 (Unadj.)	C11C22		U	21.2	21.2	mg/kg	04.01.16 02.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctadecane	3386-33-2	58	%	40-140	03.31.16 20.42	
o-Terphenyl	84-15-1	52	%	40-140	04.01.16 02.33	
2-Fluorobiphenyl	321-60-8	60	%	40-140	04.01.16 02.33	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **D-1**
Lab Sample Id: 527416-007

Matrix: Soil
Date Collected: 03.24.16 14.30

Date Received:03.25.16 09.30

Analytical Method: VOCs by SW-846 8260B
Tech: MWE
Analyst: ZHO
Seq Number: 991418

Date Prep: 03.30.16 13.06

Prep Method: SW5035A
% Moisture: 6.02
Basis: Dry Weight

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.361	0.0380	mg/kg	03.30.16 20.56	U	50
1,1,1-Trichloroethane	71-55-6	U	0.361	0.0544	mg/kg	03.30.16 20.56	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	0.361	0.0858	mg/kg	03.30.16 20.56	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	0.361	0.0802	mg/kg	03.30.16 20.56	U	50
1,1,2-Trichloroethane	79-00-5	U	0.361	0.0484	mg/kg	03.30.16 20.56	U	50
1,1-Dichloroethane	75-34-3	U	0.361	0.0580	mg/kg	03.30.16 20.56	U	50
1,1-Dichloroethene	75-35-4	U	0.361	0.0839	mg/kg	03.30.16 20.56	U	50
1,1-Dichloropropene	563-58-6	U	0.361	0.0390	mg/kg	03.30.16 20.56	U	50
1,2,3-Trichlorobenzene	87-61-6	U	0.361	0.0415	mg/kg	03.30.16 20.56	U	50
1,2,3-Trichloropropane	96-18-4	U	0.361	0.119	mg/kg	03.30.16 20.56	U	50
3,3-Dimethyl-1-butanol	624-95-3	U	1.81	0.361	mg/kg	03.30.16 20.56	U	50
1,2,4-Trichlorobenzene	120-82-1	U	0.361	0.0631	mg/kg	03.30.16 20.56	U	50
1,2,4-Trimethylbenzene	95-63-6	**15.4**	3.61	0.520	mg/kg	03.30.16 21.36	D	500
1,2-Dichloroethane	107-06-2	U	0.361	0.0432	mg/kg	03.30.16 20.56	U	50
1,3,5-Trimethylbenzene	108-67-8	**4.16**	0.361	0.0588	mg/kg	03.30.16 20.56		50
1,3-Dichlorobenzene	541-73-1	U	0.361	0.0721	mg/kg	03.30.16 20.56	U	50
1,3-Dichloropropane	142-28-9	U	0.361	0.0497	mg/kg	03.30.16 20.56	U	50
1,4-Dichlorobenzene	106-46-7	U	0.361	0.0494	mg/kg	03.30.16 20.56	U	50
2,2-Dichloropropane	594-20-7	U	0.361	0.0433	mg/kg	03.30.16 20.56	U	50
2-Chloroethyl vinyl ether	110-75-8	U	0.723	0.0540	mg/kg	03.30.16 20.56	UH	50
2-Chlorotoluene	95-49-8	U	0.361	0.0512	mg/kg	03.30.16 20.56	U	50
2-Hexanone	591-78-6	U	0.723	0.0816	mg/kg	03.30.16 20.56	U	50
4-Chlorotoluene	106-43-4	U	0.361	0.0400	mg/kg	03.30.16 20.56	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.723	0.234	mg/kg	03.30.16 20.56	U	50
Acetone	67-64-1	U	3.61	0.497	mg/kg	03.30.16 20.56	U	50
Acrolein	107-02-8	U	0.723	0.321	mg/kg	03.30.16 20.56	U	50
Acrylonitrile	107-13-1	U	0.723	0.361	mg/kg	03.30.16 20.56	U	50
Benzene	71-43-2	**0.0759**	0.361	0.0371	mg/kg	03.30.16 20.56	J	50
Bromobenzene	108-86-1	U	0.361	0.0617	mg/kg	03.30.16 20.56	U	50
Bromochloromethane	74-97-5	U	0.361	0.0727	mg/kg	03.30.16 20.56	U	50
Bromodichloromethane	75-27-4	U	0.361	0.0362	mg/kg	03.30.16 20.56	U	50
Bromoform	75-25-2	U	0.361	0.0693	mg/kg	03.30.16 20.56	U	50
Bromomethane	74-83-9	U	0.361	0.178	mg/kg	03.30.16 20.56	U	50
Carbon disulfide	75-15-0	U	0.361	0.105	mg/kg	03.30.16 20.56	U	50
Carbon tetrachloride	56-23-5	U	0.361	0.0536	mg/kg	03.30.16 20.56	U	50
Chlorobenzene	108-90-7	U	0.361	0.0419	mg/kg	03.30.16 20.56	U	50
Chloroethane	75-00-3	U	0.361	0.177	mg/kg	03.30.16 20.56	U	50
Chloroform	67-66-3	U	0.361	0.0536	mg/kg	03.30.16 20.56	U	50
Chloromethane	74-87-3	U	0.361	0.166	mg/kg	03.30.16 20.56	U	50

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**D-1**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-007	Date Collected:	03.24.16 14.30		
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	6.02
Analyst:	ZHO	Date Prep:	03.30.16 13.06	Basis:	Dry Weight
Seq Number:	991418				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.361	0.0479	mg/kg	03.30.16 20.56	U	50
cis-1,3-Dichloropropene	10061-01-5	U	0.361	0.0390	mg/kg	03.30.16 20.56	U	50
Dibromochloromethane	124-48-1	U	0.361	0.0719	mg/kg	03.30.16 20.56	U	50
Dibromomethane	74-95-3	U	0.361	0.0443	mg/kg	03.30.16 20.56	U	50
Dichlorodifluoromethane	75-71-8	U	0.361	0.0853	mg/kg	03.30.16 20.56	U	50
Ethyl methacrylate	97-63-2	U	0.361	0.0528	mg/kg	03.30.16 20.56	U	50
Ethylbenzene	100-41-4	**1.65**	0.361	0.0408	mg/kg	03.30.16 20.56		50
Hexachlorobutadiene	87-68-3	U	0.361	0.0616	mg/kg	03.30.16 20.56	U	50
Isopropylbenzene	98-82-8	**0.377**	0.361	0.0549	mg/kg	03.30.16 20.56		50
m,p-Xylenes	179601-23-1	**7.50**	0.723	0.0874	mg/kg	03.30.16 20.56		50
Methyl tert-butyl ether	1634-04-4	U	0.723	0.0501	mg/kg	03.30.16 20.56	U	50
Methylene chloride	75-09-2	**1.31**	0.361	0.157	mg/kg	03.30.16 20.56		50
Naphthalene	91-20-3	**5.27**	0.361	0.0940	mg/kg	03.30.16 20.56		50
n-Butylbenzene	104-51-8	**2.50**	0.361	0.0638	mg/kg	03.30.16 20.56		50
n-Propylbenzene	103-65-1	**1.92**	0.361	0.0565	mg/kg	03.30.16 20.56		50
Diethyl Ether (Ethyl Ether)	60-29-7	U	0.361	0.361	mg/kg	03.30.16 20.56	U	50
o-Xylene	95-47-6	**4.19**	0.361	0.0518	mg/kg	03.30.16 20.56		50
p-Isopropyltoluene	99-87-6	**0.253**	0.361	0.0578	mg/kg	03.30.16 20.56	J	50
sec-Butylbenzene	135-98-8	**0.345**	0.361	0.0475	mg/kg	03.30.16 20.56	J	50
Styrene	100-42-5	U	0.361	0.0536	mg/kg	03.30.16 20.56	U	50
tert-Butylbenzene	98-06-6	U	0.361	0.0603	mg/kg	03.30.16 20.56	U	50
Tetrachloroethene	127-18-4	U	0.361	0.0749	mg/kg	03.30.16 20.56	U	50
Toluene	108-88-3	**1.78**	0.361	0.0425	mg/kg	03.30.16 20.56		50
trans-1,2-Dichloroethene	156-60-5	U	0.361	0.0564	mg/kg	03.30.16 20.56	U	50
trans-1,3-Dichloropropene	10061-02-6	U	0.361	0.0484	mg/kg	03.30.16 20.56	U	50
Trichloroethene	79-01-6	U	0.361	0.0511	mg/kg	03.30.16 20.56	U	50
Trichlorofluoromethane	75-69-4	U	0.361	0.254	mg/kg	03.30.16 20.56	U	50
Vinyl acetate	108-05-4	U	0.361	0.0521	mg/kg	03.30.16 20.56	U	50
Vinyl chloride	75-01-4	U	0.361	0.145	mg/kg	03.30.16 20.56	U	50
Tetrahydrofuran	109-99-9	U	0.361	0.361	mg/kg	03.30.16 20.56	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	98	%	50-150	03.30.16 20.56	
4-Bromofluorobenzene	460-00-4	92	%	57-158	03.30.16 20.56	
Toluene-D8	2037-26-5	98	%	50-150	03.30.16 20.56	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**D-1**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-007	Date Collected:	03.24.16 14.30		
Analytical Method:	VPH by MADEP Method			Prep Method:	SW5030B
Tech:	ZHO			% Moisture:	6.02
Analyst:	ZHO	Date Prep:	03.26.16 13.57	Basis:	Dry Weight
Seq Number:	991268				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
C5-C8 Aliphatic (Unadj.)	ALHYDRC5C8	**15.0**	5.42	5.42	mg/kg	03.27.16 07.56		50
C9-C12 Aliphatic (Unadj.)	ALHYDRC9C1	**103**	5.42	5.42	mg/kg	03.27.16 07.56		50
C9-C10 Aromatic (Unadj.)	HYDC9C10	**113**	18.1	18.1	mg/kg	03.28.16 00.49	D	500

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2,5-Dibromotoluene	615-59-8	117	%	70-130	03.27.16 07.56	
2,5-Dibromotoluene (PID)	615-59-8	130	%	70-130	03.27.16 07.56	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**L-1**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-008	Date Collected:	03.24.16 14.32		
Analytical Method:	EPH by MADEP Method			Prep Method:	SW3550
Tech:	VBR			% Moisture:	5.14
Analyst:	CLAR	Date Prep:	03.29.16 12.30	Basis:	Dry Weight
Seq Number:	991564				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
Aliphatic Hydrocarbons C9-C18	ALHYDRC9C1		U	10.4	10.4	mg/kg	03.31.16 21.12	U	1
Aliphatic Hydrocarbons C19-C36	ALHYDRC19C		U	10.4	10.4	mg/kg	03.31.16 21.12	U	1
Aromatic Hydrocarbons C11-22 (Unadj.)	C11C22		U	20.9	20.9	mg/kg	04.01.16 02.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctadecane	3386-33-2	57	%	40-140	03.31.16 21.12	
o-Terphenyl	84-15-1	54	%	40-140	04.01.16 02.56	
2-Fluorobiphenyl	321-60-8	62	%	40-140	04.01.16 02.56	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**L-1**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-008	Date Collected:	03.24.16 14.32		
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	VBR			% Moisture:	5.14
Analyst:	VIC	Date Prep:	03.29.16 11.45	Basis:	Dry Weight
Seq Number:	991483				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1		U	0.350	0.0620	mg/kg	03.31.16 07.42	U	1
1,2-Dichlorobenzene	95-50-1		U	0.350	0.0568	mg/kg	03.31.16 07.42	U	1
1,3-Dichlorobenzene	541-73-1		U	0.350	0.0554	mg/kg	03.31.16 07.42	U	1
1,4-Dichlorobenzene	106-46-7		U	0.350	0.0547	mg/kg	03.31.16 07.42	U	1
2,4,5-Trichlorophenol	95-95-4		U	0.350	0.0645	mg/kg	03.31.16 07.42	U	1
2,4,6-Trichlorophenol	88-06-2		U	0.350	0.0676	mg/kg	03.31.16 07.42	U	1
2,4-Dichlorophenol	120-83-2		U	0.350	0.0445	mg/kg	03.31.16 07.42	U	1
2,4-Dimethylphenol	105-67-9		U	0.350	0.0638	mg/kg	03.31.16 07.42	U	1
2,4-Dinitrotoluene	121-14-2		U	0.350	0.0564	mg/kg	03.31.16 07.42	U	1
2,6-Dinitrotoluene	606-20-2		U	0.350	0.0455	mg/kg	03.31.16 07.42	U	1
2-Chloronaphthalene	91-58-7		U	0.350	0.0638	mg/kg	03.31.16 07.42	U	1
2-Chlorophenol	95-57-8		U	0.350	0.0627	mg/kg	03.31.16 07.42	U	1
2-Methylnaphthalene	91-57-6		U	0.350	0.0536	mg/kg	03.31.16 07.42	U	1
2-methylphenol	95-48-7		U	0.701	0.0490	mg/kg	03.31.16 07.42	U	1
2-Nitroaniline	88-74-4		U	0.350	0.0469	mg/kg	03.31.16 07.42	U	1
2-Nitrophenol	88-75-5		U	0.701	0.0441	mg/kg	03.31.16 07.42	U	1
3&4-Methylphenol	15831-10-4		U	1.75	0.104	mg/kg	03.31.16 07.42	U	1
3,3-Dichlorobenzidine	91-94-1		U	0.350	0.0512	mg/kg	03.31.16 07.42	U	1
3-Nitroaniline	99-09-2		U	0.350	0.0483	mg/kg	03.31.16 07.42	U	1
4,6-dinitro-2-methyl phenol	534-52-1		U	0.350	0.0610	mg/kg	03.31.16 07.42	U	1
4-Bromophenyl-phenylether	101-55-3		U	0.175	0.0596	mg/kg	03.31.16 07.42	U	1
4-chloro-3-methylphenol	59-50-7		U	0.350	0.0501	mg/kg	03.31.16 07.42	U	1
4-Chloroaniline	106-47-8		U	0.350	0.0582	mg/kg	03.31.16 07.42	U	1
4-Chlorophenyl-phenyl ether	7005-72-3		U	0.350	0.0666	mg/kg	03.31.16 07.42	U	1
4-Nitroaniline	100-01-6		U	0.701	0.0533	mg/kg	03.31.16 07.42	U	1
4-Nitrophenol	100-02-7		U	0.701	0.0431	mg/kg	03.31.16 07.42	U	1
Acenaphthene	83-32-9		U	0.350	0.0490	mg/kg	03.31.16 07.42	U	1
Acenaphthylene	208-96-8		U	0.350	0.0596	mg/kg	03.31.16 07.42	U	1
Aniline (Phenylamine, Aminobenzene)	62-53-3		U	0.350	0.0385	mg/kg	03.31.16 07.42	U	1
Anthracene	120-12-7		U	0.350	0.0519	mg/kg	03.31.16 07.42	U	1
Benzo(a)anthracene	56-55-3		U	0.350	0.0568	mg/kg	03.31.16 07.42	U	1
Benzo(a)pyrene	50-32-8		U	0.350	0.0515	mg/kg	03.31.16 07.42	U	1
Benzo(b)fluoranthene	205-99-2		U	0.350	0.0571	mg/kg	03.31.16 07.42	U	1
Benzo(g,h,i)perylene	191-24-2		U	0.350	0.0578	mg/kg	03.31.16 07.42	U	1
Benzo(k)fluoranthene	207-08-9		U	0.350	0.0603	mg/kg	03.31.16 07.42	U	1
Benzoic Acid	65-85-0		U	0.701	0.0554	mg/kg	03.31.16 07.42	U	1
Benzyl Butyl Phthalate	85-68-7		U	0.350	0.0526	mg/kg	03.31.16 07.42	U	1
bis(2-chloroethoxy) methane	111-91-1		U	0.350	0.0420	mg/kg	03.31.16 07.42	U	1
bis(2-chloroethyl) ether	111-44-4		U	0.175	0.0497	mg/kg	03.31.16 07.42	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**L-1**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-008	Date Collected:	03.24.16 14.32		
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	VBR			% Moisture:	5.14
Analyst:	VIC	Date Prep:	03.29.16 11.45	Basis:	Dry Weight
Seq Number:	991483				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
bis(2-chloroisopropyl) ether	39638-32-9		U	0.350	0.0473	mg/kg	03.31.16 07.42	U	1
bis(2-ethylhexyl) phthalate	117-81-7		U	0.350	0.0568	mg/kg	03.31.16 07.42	U	1
Chrysene	218-01-9		U	0.350	0.0466	mg/kg	03.31.16 07.42	U	1
Dibenz(a,h)Anthracene	53-70-3		U	0.350	0.0680	mg/kg	03.31.16 07.42	U	1
Dibenzofuran	132-64-9		U	0.350	0.0448	mg/kg	03.31.16 07.42	U	1
Diethyl Phthalate	84-66-2		U	0.350	0.0564	mg/kg	03.31.16 07.42	U	1
Dimethyl Phthalate	131-11-3		U	0.350	0.0529	mg/kg	03.31.16 07.42	U	1
di-n-Butyl Phthalate	84-74-2		U	0.350	0.0645	mg/kg	03.31.16 07.42	U	1
di-n-Octyl Phthalate	117-84-0		U	0.350	0.0582	mg/kg	03.31.16 07.42	U	1
Fluoranthene	206-44-0		U	0.350	0.0455	mg/kg	03.31.16 07.42	U	1
Fluorene	86-73-7		U	0.350	0.0427	mg/kg	03.31.16 07.42	U	1
Hexachlorobenzene	118-74-1		U	0.350	0.0585	mg/kg	03.31.16 07.42	U	1
Hexachlorobutadiene	87-68-3		U	0.350	0.0389	mg/kg	03.31.16 07.42	U	1
Hexachlorocyclopentadiene	77-47-4		U	0.350	0.0603	mg/kg	03.31.16 07.42	UH	1
Hexachloroethane	67-72-1		U	0.350	0.0543	mg/kg	03.31.16 07.42	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5		U	0.350	0.0638	mg/kg	03.31.16 07.42	U	1
Isophorone	78-59-1		U	0.350	0.0361	mg/kg	03.31.16 07.42	U	1
Naphthalene	91-20-3		U	0.350	0.0561	mg/kg	03.31.16 07.42	U	1
Nitrobenzene	98-95-3		U	0.350	0.0624	mg/kg	03.31.16 07.42	U	1
N-Nitrosodi-n-Propylamine	621-64-7		U	0.350	0.0501	mg/kg	03.31.16 07.42	U	1
N-Nitrosodiphenylamine	86-30-6		U	0.350	0.0736	mg/kg	03.31.16 07.42	U	1
Pentachlorophenol	87-86-5		U	0.701	0.0634	mg/kg	03.31.16 07.42	U	1
Phenanthrene	85-01-8		U	0.350	0.0582	mg/kg	03.31.16 07.42	U	1
Phenol	108-95-2		U	0.350	0.0490	mg/kg	03.31.16 07.42	U	1
Pyrene	129-00-0		U	0.350	0.0596	mg/kg	03.31.16 07.42	U	1
Pyridine	110-86-1		U	0.350	0.0666	mg/kg	03.31.16 07.42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	48	%	25-121	03.31.16 07.42	
Nitrobenzene-d5	4165-60-0	52	%	23-120	03.31.16 07.42	
2-Fluorobiphenyl	321-60-8	51	%	30-115	03.31.16 07.42	
2,4,6-Tribromophenol	118-79-6	68	%	19-122	03.31.16 07.42	
Terphenyl-D14	1718-51-0	55	%	18-137	03.31.16 07.42	
Phenol-d5	4165-62-2	48	%	15-110	03.31.16 07.42	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**L-1**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-008	Date Collected:	03.24.16 14.32		
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	ZHO			% Moisture:	5.14
Analyst:	MWE	Date Prep:	03.29.16 10.52	Basis:	Dry Weight
Seq Number:	991381				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.00666	0.000699	mg/kg	03.29.16 14.29	U	1
1,1,1-Trichloroethane	71-55-6	U	0.00666	0.00100	mg/kg	03.29.16 14.29	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.00666	0.00158	mg/kg	03.29.16 14.29	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	0.00666	0.00148	mg/kg	03.29.16 14.29	U	1
1,1,2-Trichloroethane	79-00-5	U	0.00666	0.000892	mg/kg	03.29.16 14.29	U	1
1,1-Dichloroethane	75-34-3	U	0.00666	0.00107	mg/kg	03.29.16 14.29	U	1
1,1-Dichloroethene	75-35-4	U	0.00666	0.00154	mg/kg	03.29.16 14.29	U	1
1,1-Dichloropropene	563-58-6	U	0.00666	0.000717	mg/kg	03.29.16 14.29	U	1
1,2,3-Trichlorobenzene	87-61-6	U	0.00666	0.000764	mg/kg	03.29.16 14.29	U	1
1,2,3-Trichloropropane	96-18-4	U	0.00666	0.00219	mg/kg	03.29.16 14.29	U	1
1,2,4-Trichlorobenzene	120-82-1	U	0.00666	0.00116	mg/kg	03.29.16 14.29	U	1
1,2,4-Trimethylbenzene	95-63-6	**0.0868**	0.00666	0.000958	mg/kg	03.29.16 14.29		1
1,2-Dichloroethane	107-06-2	U	0.00666	0.000795	mg/kg	03.29.16 14.29	U	1
1,3,5-Trimethylbenzene	108-67-8	**0.0225**	0.00666	0.00108	mg/kg	03.29.16 14.29		1
1,3-Dichlorobenzene	541-73-1	U	0.00666	0.00133	mg/kg	03.29.16 14.29	U	1
1,3-Dichloropropane	142-28-9	U	0.00666	0.000916	mg/kg	03.29.16 14.29	U	1
1,4-Dichlorobenzene	106-46-7	U	0.00666	0.000910	mg/kg	03.29.16 14.29	U	1
2,2-Dichloropropane	594-20-7	U	0.00666	0.000797	mg/kg	03.29.16 14.29	U	1
2-Chloroethyl vinyl ether	110-75-8	U	0.0133	0.000994	mg/kg	03.29.16 14.29	U	1
2-Chlorotoluene	95-49-8	U	0.00666	0.000942	mg/kg	03.29.16 14.29	U	1
2-Hexanone	591-78-6	U	0.0133	0.00150	mg/kg	03.29.16 14.29	U	1
4-Chlorotoluene	106-43-4	U	0.00666	0.000736	mg/kg	03.29.16 14.29	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.0133	0.00430	mg/kg	03.29.16 14.29	U	1
Acetone	67-64-1	**0.0141**	0.0666	0.00915	mg/kg	03.29.16 14.29	J	1
Acrolein	107-02-8	U	0.0133	0.00591	mg/kg	03.29.16 14.29	U	1
Acrylonitrile	107-13-1	U	0.0133	0.00665	mg/kg	03.29.16 14.29	U	1
Benzene	71-43-2	**0.0231**	0.00666	0.000683	mg/kg	03.29.16 14.29		1
Bromobenzene	108-86-1	U	0.00666	0.00114	mg/kg	03.29.16 14.29	U	1
Bromochloromethane	74-97-5	U	0.00666	0.00134	mg/kg	03.29.16 14.29	U	1
Bromodichloromethane	75-27-4	U	0.00666	0.000667	mg/kg	03.29.16 14.29	U	1
Bromoform	75-25-2	U	0.00666	0.00128	mg/kg	03.29.16 14.29	U	1
Bromomethane	74-83-9	U	0.00666	0.00327	mg/kg	03.29.16 14.29	U	1
Carbon disulfide	75-15-0	U	0.00666	0.00194	mg/kg	03.29.16 14.29	U	1
Carbon tetrachloride	56-23-5	U	0.00666	0.000988	mg/kg	03.29.16 14.29	U	1
Chlorobenzene	108-90-7	U	0.00666	0.000771	mg/kg	03.29.16 14.29	U	1
Chloroethane	75-00-3	U	0.00666	0.00325	mg/kg	03.29.16 14.29	UL	1
Chloroform	67-66-3	U	0.00666	0.000986	mg/kg	03.29.16 14.29	U	1
Chloromethane	74-87-3	U	0.00666	0.00307	mg/kg	03.29.16 14.29	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.00666	0.000881	mg/kg	03.29.16 14.29	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **L-1**
Lab Sample Id: 527416-008

Matrix: Soil
Date Collected: 03.24.16 14.32

Date Received:03.25.16 09.30

Analytical Method: VOCs by SW-846 8260B
Tech: ZHO
Analyst: MWE
Seq Number: 991381

Date Prep: 03.29.16 10.52

Prep Method: SW5035A
% Moisture: 5.14
Basis: Dry Weight

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,3-Dichloropropene	10061-01-5	U	0.00666	0.000717	mg/kg	03.29.16 14.29	U	1
Dibromochloromethane	124-48-1	U	0.00666	0.00132	mg/kg	03.29.16 14.29	U	1
Dibromomethane	74-95-3	U	0.00666	0.000816	mg/kg	03.29.16 14.29	U	1
Dichlorodifluoromethane	75-71-8	U	0.00666	0.00157	mg/kg	03.29.16 14.29	U	1
Ethyl methacrylate	97-63-2	U	0.00666	0.000972	mg/kg	03.29.16 14.29	U	1
Ethylbenzene	100-41-4	**0.0372**	0.00666	0.000752	mg/kg	03.29.16 14.29		1
Hexachlorobutadiene	87-68-3	U	0.00666	0.00113	mg/kg	03.29.16 14.29	U	1
Isopropylbenzene	98-82-8	**0.00314**	0.00666	0.00101	mg/kg	03.29.16 14.29	J	1
m,p-Xylenes	179601-23-1	**0.152**	0.0133	0.00161	mg/kg	03.29.16 14.29		1
Methyl tert-butyl ether	1634-04-4	U	0.0133	0.000922	mg/kg	03.29.16 14.29	U	1
Methylene chloride	75-09-2	U	0.00666	0.00288	mg/kg	03.29.16 14.29	UH	1
Naphthalene	91-20-3	**0.00902**	0.00666	0.00173	mg/kg	03.29.16 14.29		1
n-Butylbenzene	104-51-8	**0.00632**	0.00666	0.00117	mg/kg	03.29.16 14.29	J	1
n-Propylbenzene	103-65-1	**0.0123**	0.00666	0.00104	mg/kg	03.29.16 14.29		1
Diethyl Ether (Ethyl Ether)	60-29-7	U	0.00666	0.00666	mg/kg	03.29.16 14.29	U	1
o-Xylene	95-47-6	**0.0773**	0.00666	0.000953	mg/kg	03.29.16 14.29		1
p-Isopropyltoluene	99-87-6	U	0.00666	0.00106	mg/kg	03.29.16 14.29	U	1
sec-Butylbenzene	135-98-8	U	0.00666	0.000874	mg/kg	03.29.16 14.29	U	1
Styrene	100-42-5	U	0.00666	0.000988	mg/kg	03.29.16 14.29	U	1
tert-Butylbenzene	98-06-6	U	0.00666	0.00111	mg/kg	03.29.16 14.29	U	1
Tetrachloroethene	127-18-4	U	0.00666	0.00138	mg/kg	03.29.16 14.29	U	1
Toluene	108-88-3	**0.162**	0.00666	0.000783	mg/kg	03.29.16 14.29		1
trans-1,2-Dichloroethene	156-60-5	U	0.00666	0.00104	mg/kg	03.29.16 14.29	U	1
trans-1,3-Dichloropropene	10061-02-6	U	0.00666	0.000892	mg/kg	03.29.16 14.29	UL	1
Trichloroethene	79-01-6	U	0.00666	0.000941	mg/kg	03.29.16 14.29	U	1
Trichlorofluoromethane	75-69-4	U	0.00666	0.00468	mg/kg	03.29.16 14.29	U	1
Vinyl acetate	108-05-4	U	0.00666	0.000960	mg/kg	03.29.16 14.29	U	1
Vinyl chloride	75-01-4	U	0.00666	0.00267	mg/kg	03.29.16 14.29	U	1
Tetrahydrofuran	109-99-9	U	0.00666	0.00666	mg/kg	03.29.16 14.29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	102	%	50-150	03.29.16 14.29	
4-Bromofluorobenzene	460-00-4	106	%	57-158	03.29.16 14.29	
Toluene-D8	2037-26-5	102	%	50-150	03.29.16 14.29	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**L-1**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-008	Date Collected:	03.24.16 14.32		
Analytical Method:	VPH by MADEP Method			Prep Method:	SW5030B
Tech:	ZHO			% Moisture:	5.14
Analyst:	ZHO	Date Prep:	03.27.16 18.04	Basis:	Dry Weight
Seq Number:	991394				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
C5-C8 Aliphatic (Unadj.)	ALHYDRC5C8		U	5.49	5.49	mg/kg	03.27.16 21.05	U	50
C9-C12 Aliphatic (Unadj.)	ALHYDRC9C1		U	5.49	5.49	mg/kg	03.27.16 21.05	U	50
C9-C10 Aromatic (Unadj.)	HYDC9C10		U	1.83	1.83	mg/kg	03.27.16 21.05	UX	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2,5-Dibromotoluene	615-59-8	106	%	70-130	03.27.16 21.05	
2,5-Dibromotoluene (PID)	615-59-8	114	%	70-130	03.27.16 21.05	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-7**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-009	Date Collected:	03.24.16 14.38		
Analytical Method:	EPH by MADEP Method			Prep Method:	SW3550
Tech:	VBR			% Moisture:	6.74
Analyst:	CLAR	Date Prep:	03.29.16 12.30	Basis:	Dry Weight
Seq Number:	991564				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
Aliphatic Hydrocarbons C9-C18	ALHYDRC9C1		U	10.6	10.6	mg/kg	04.01.16 09.18	U	1
Aliphatic Hydrocarbons C19-C36	ALHYDRC19C		U	10.6	10.6	mg/kg	04.01.16 09.18	U	1
Aromatic Hydrocarbons C11-22 (Unadj.)	C11C22		U	21.3	21.3	mg/kg	04.01.16 13.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctadecane	3386-33-2	69	%	40-140	04.01.16 09.18	
o-Terphenyl	84-15-1	82	%	40-140	04.01.16 13.17	
2-Fluorobiphenyl	321-60-8	71	%	40-140	04.01.16 13.17	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-7**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-009	Date Collected:	03.24.16 14.38		
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	VBR			% Moisture:	6.74
Analyst:	VIC	Date Prep:	03.29.16 11.45	Basis:	Dry Weight
Seq Number:	991483				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	1.78	0.315	mg/kg	03.31.16 08.10	U	5
1,2-Dichlorobenzene	95-50-1	U	1.78	0.289	mg/kg	03.31.16 08.10	U	5
1,3-Dichlorobenzene	541-73-1	U	1.78	0.282	mg/kg	03.31.16 08.10	U	5
1,4-Dichlorobenzene	106-46-7	U	1.78	0.278	mg/kg	03.31.16 08.10	U	5
2,4,5-Trichlorophenol	95-95-4	U	1.78	0.328	mg/kg	03.31.16 08.10	U	5
2,4,6-Trichlorophenol	88-06-2	U	1.78	0.344	mg/kg	03.31.16 08.10	U	5
2,4-Dichlorophenol	120-83-2	U	1.78	0.226	mg/kg	03.31.16 08.10	U	5
2,4-Dimethylphenol	105-67-9	U	1.78	0.324	mg/kg	03.31.16 08.10	U	5
2,4-Dinitrotoluene	121-14-2	U	1.78	0.287	mg/kg	03.31.16 08.10	U	5
2,6-Dinitrotoluene	606-20-2	U	1.78	0.232	mg/kg	03.31.16 08.10	U	5
2-Chloronaphthalene	91-58-7	U	1.78	0.324	mg/kg	03.31.16 08.10	U	5
2-Chlorophenol	95-57-8	U	1.78	0.319	mg/kg	03.31.16 08.10	U	5
2-Methylnaphthalene	91-57-6	U	1.78	0.273	mg/kg	03.31.16 08.10	U	5
2-methylphenol	95-48-7	U	3.56	0.250	mg/kg	03.31.16 08.10	U	5
2-Nitroaniline	88-74-4	U	1.78	0.239	mg/kg	03.31.16 08.10	U	5
2-Nitrophenol	88-75-5	U	3.56	0.225	mg/kg	03.31.16 08.10	U	5
3&4-Methylphenol	15831-10-4	U	8.91	0.528	mg/kg	03.31.16 08.10	U	5
3,3-Dichlorobenzidine	91-94-1	U	1.78	0.260	mg/kg	03.31.16 08.10	U	5
3-Nitroaniline	99-09-2	U	1.78	0.246	mg/kg	03.31.16 08.10	U	5
4,6-dinitro-2-methyl phenol	534-52-1	U	1.78	0.310	mg/kg	03.31.16 08.10	U	5
4-Bromophenyl-phenylether	101-55-3	U	0.891	0.303	mg/kg	03.31.16 08.10	U	5
4-chloro-3-methylphenol	59-50-7	U	1.78	0.255	mg/kg	03.31.16 08.10	U	5
4-Chloroaniline	106-47-8	U	1.78	0.296	mg/kg	03.31.16 08.10	U	5
4-Chlorophenyl-phenyl ether	7005-72-3	U	1.78	0.339	mg/kg	03.31.16 08.10	U	5
4-Nitroaniline	100-01-6	U	3.56	0.271	mg/kg	03.31.16 08.10	U	5
4-Nitrophenol	100-02-7	U	3.56	0.219	mg/kg	03.31.16 08.10	U	5
Acenaphthene	83-32-9	U	1.78	0.250	mg/kg	03.31.16 08.10	U	5
Acenaphthylene	208-96-8	U	1.78	0.303	mg/kg	03.31.16 08.10	U	5
Aniline (Phenylamine, Aminobenzene)	62-53-3	U	1.78	0.196	mg/kg	03.31.16 08.10	U	5
Anthracene	120-12-7	U	1.78	0.264	mg/kg	03.31.16 08.10	U	5
Benzo(a)anthracene	56-55-3	U	1.78	0.289	mg/kg	03.31.16 08.10	U	5
Benzo(a)pyrene	50-32-8	U	1.78	0.262	mg/kg	03.31.16 08.10	U	5
Benzo(b)fluoranthene	205-99-2	U	1.78	0.291	mg/kg	03.31.16 08.10	U	5
Benzo(g,h,i)perylene	191-24-2	U	1.78	0.294	mg/kg	03.31.16 08.10	U	5
Benzo(k)fluoranthene	207-08-9	U	1.78	0.307	mg/kg	03.31.16 08.10	U	5
Benzoic Acid	65-85-0	U	3.56	0.282	mg/kg	03.31.16 08.10	U	5
Benzyl Butyl Phthalate	85-68-7	U	1.78	0.267	mg/kg	03.31.16 08.10	U	5
bis(2-chloroethoxy) methane	111-91-1	U	1.78	0.214	mg/kg	03.31.16 08.10	U	5
bis(2-chloroethyl) ether	111-44-4	U	0.891	0.253	mg/kg	03.31.16 08.10	U	5

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-7**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-009	Date Collected:	03.24.16 14.38		
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	VBR			% Moisture:	6.74
Analyst:	VIC	Date Prep:	03.29.16 11.45	Basis:	Dry Weight
Seq Number:	991483				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
bis(2-chloroisopropyl) ether	39638-32-9	U	1.78	0.241	mg/kg	03.31.16 08.10	U	5
bis(2-ethylhexyl) phthalate	117-81-7	U	1.78	0.289	mg/kg	03.31.16 08.10	U	5
Chrysene	218-01-9	U	1.78	0.237	mg/kg	03.31.16 08.10	U	5
Dibenz(a,h)Anthracene	53-70-3	U	1.78	0.346	mg/kg	03.31.16 08.10	U	5
Dibenzofuran	132-64-9	U	1.78	0.228	mg/kg	03.31.16 08.10	U	5
Diethyl Phthalate	84-66-2	U	1.78	0.287	mg/kg	03.31.16 08.10	U	5
Dimethyl Phthalate	131-11-3	U	1.78	0.269	mg/kg	03.31.16 08.10	U	5
di-n-Butyl Phthalate	84-74-2	U	1.78	0.328	mg/kg	03.31.16 08.10	U	5
di-n-Octyl Phthalate	117-84-0	U	1.78	0.296	mg/kg	03.31.16 08.10	U	5
Fluoranthene	206-44-0	U	1.78	0.232	mg/kg	03.31.16 08.10	U	5
Fluorene	86-73-7	U	1.78	0.217	mg/kg	03.31.16 08.10	U	5
Hexachlorobenzene	118-74-1	U	1.78	0.298	mg/kg	03.31.16 08.10	U	5
Hexachlorobutadiene	87-68-3	U	1.78	0.198	mg/kg	03.31.16 08.10	U	5
Hexachlorocyclopentadiene	77-47-4	U	1.78	0.307	mg/kg	03.31.16 08.10	UH	5
Hexachloroethane	67-72-1	U	1.78	0.276	mg/kg	03.31.16 08.10	U	5
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	1.78	0.324	mg/kg	03.31.16 08.10	U	5
Isophorone	78-59-1	U	1.78	0.184	mg/kg	03.31.16 08.10	U	5
Naphthalene	91-20-3	U	1.78	0.285	mg/kg	03.31.16 08.10	U	5
Nitrobenzene	98-95-3	U	1.78	0.317	mg/kg	03.31.16 08.10	U	5
N-Nitrosodi-n-Propylamine	621-64-7	U	1.78	0.255	mg/kg	03.31.16 08.10	U	5
N-Nitrosodiphenylamine	86-30-6	U	1.78	0.374	mg/kg	03.31.16 08.10	U	5
Pentachlorophenol	87-86-5	U	3.56	0.323	mg/kg	03.31.16 08.10	U	5
Phenanthrene	85-01-8	U	1.78	0.296	mg/kg	03.31.16 08.10	U	5
Phenol	108-95-2	U	1.78	0.250	mg/kg	03.31.16 08.10	U	5
Pyrene	129-00-0	U	1.78	0.303	mg/kg	03.31.16 08.10	U	5
Pyridine	110-86-1	U	1.78	0.339	mg/kg	03.31.16 08.10	U	5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	40	%	25-121	03.31.16 08.10	
Nitrobenzene-d5	4165-60-0	52	%	23-120	03.31.16 08.10	
2-Fluorobiphenyl	321-60-8	68	%	30-115	03.31.16 08.10	
2,4,6-Tribromophenol	118-79-6	88	%	19-122	03.31.16 08.10	
Terphenyl-D14	1718-51-0	55	%	18-137	03.31.16 08.10	
Phenol-d5	4165-62-2	56	%	15-110	03.31.16 08.10	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-7**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-009	Date Collected:	03.24.16 14.38		
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	6.74
Analyst:	ZHO	Date Prep:	03.30.16 12.47	Basis:	Dry Weight
Seq Number:	991408				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6		U	0.00646	0.000678	mg/kg	03.30.16 16.09	U	1
1,1,1-Trichloroethane	71-55-6		U	0.00646	0.000973	mg/kg	03.30.16 16.09	U	1
1,1,2,2-Tetrachloroethane	79-34-5		U	0.00646	0.00153	mg/kg	03.30.16 16.09	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1		U	0.00646	0.00143	mg/kg	03.30.16 16.09	U	1
1,1,2-Trichloroethane	79-00-5		U	0.00646	0.000866	mg/kg	03.30.16 16.09	U	1
1,1-Dichloroethane	75-34-3		U	0.00646	0.00104	mg/kg	03.30.16 16.09	U	1
1,1-Dichloroethene	75-35-4		U	0.00646	0.00150	mg/kg	03.30.16 16.09	U	1
1,1-Dichloropropene	563-58-6		U	0.00646	0.000696	mg/kg	03.30.16 16.09	U	1
1,2,3-Trichlorobenzene	87-61-6		U	0.00646	0.000742	mg/kg	03.30.16 16.09	U	1
1,2,3-Trichloropropane	96-18-4		U	0.00646	0.00213	mg/kg	03.30.16 16.09	U	1
1,2,4-Trichlorobenzene	120-82-1		U	0.00646	0.00113	mg/kg	03.30.16 16.09	U	1
1,2,4-Trimethylbenzene	95-63-6	**0.00176**		0.00646	0.000930	mg/kg	03.30.16 16.09	J	1
1,2-Dichloroethane	107-06-2		U	0.00646	0.000771	mg/kg	03.30.16 16.09	U	1
1,3,5-Trimethylbenzene	108-67-8		U	0.00646	0.00105	mg/kg	03.30.16 16.09	U	1
1,3-Dichlorobenzene	541-73-1		U	0.00646	0.00129	mg/kg	03.30.16 16.09	U	1
1,3-Dichloropropane	142-28-9		U	0.00646	0.000889	mg/kg	03.30.16 16.09	U	1
1,4-Dichlorobenzene	106-46-7		U	0.00646	0.000884	mg/kg	03.30.16 16.09	U	1
2,2-Dichloropropane	594-20-7		U	0.00646	0.000774	mg/kg	03.30.16 16.09	U	1
2-Chloroethyl vinyl ether	110-75-8		U	0.0129	0.000965	mg/kg	03.30.16 16.09	U	1
2-Chlorotoluene	95-49-8		U	0.00646	0.000915	mg/kg	03.30.16 16.09	U	1
2-Hexanone	591-78-6		U	0.0129	0.00146	mg/kg	03.30.16 16.09	U	1
4-Chlorotoluene	106-43-4		U	0.00646	0.000714	mg/kg	03.30.16 16.09	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1		U	0.0129	0.00418	mg/kg	03.30.16 16.09	U	1
Acetone	67-64-1	**0.0294**		0.0646	0.00889	mg/kg	03.30.16 16.09	J	1
Acrolein	107-02-8		U	0.0129	0.00574	mg/kg	03.30.16 16.09	U	1
Acrylonitrile	107-13-1		U	0.0129	0.00645	mg/kg	03.30.16 16.09	U	1
Benzene	71-43-2		U	0.00646	0.000663	mg/kg	03.30.16 16.09	U	1
Bromobenzene	108-86-1		U	0.00646	0.00110	mg/kg	03.30.16 16.09	U	1
Bromochloromethane	74-97-5		U	0.00646	0.00130	mg/kg	03.30.16 16.09	U	1
Bromodichloromethane	75-27-4		U	0.00646	0.000647	mg/kg	03.30.16 16.09	U	1
Bromoform	75-25-2		U	0.00646	0.00124	mg/kg	03.30.16 16.09	U	1
Bromomethane	74-83-9		U	0.00646	0.00317	mg/kg	03.30.16 16.09	U	1
Carbon disulfide	75-15-0		U	0.00646	0.00188	mg/kg	03.30.16 16.09	U	1
Carbon tetrachloride	56-23-5		U	0.00646	0.000959	mg/kg	03.30.16 16.09	U	1
Chlorobenzene	108-90-7		U	0.00646	0.000748	mg/kg	03.30.16 16.09	U	1
Chloroethane	75-00-3		U	0.00646	0.00316	mg/kg	03.30.16 16.09	UL	1
Chloroform	67-66-3		U	0.00646	0.000957	mg/kg	03.30.16 16.09	U	1
Chloromethane	74-87-3		U	0.00646	0.00298	mg/kg	03.30.16 16.09	U	1
cis-1,2-Dichloroethene	156-59-2		U	0.00646	0.000855	mg/kg	03.30.16 16.09	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-7**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-009	Date Collected:	03.24.16 14.38		
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	6.74
Analyst:	ZHO	Date Prep:	03.30.16 12.47	Basis:	Dry Weight
Seq Number:	991408				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,3-Dichloropropene	10061-01-5	U	0.00646	0.000696	mg/kg	03.30.16 16.09	U	1
Dibromochloromethane	124-48-1	U	0.00646	0.00128	mg/kg	03.30.16 16.09	U	1
Dibromomethane	74-95-3	U	0.00646	0.000792	mg/kg	03.30.16 16.09	U	1
Dichlorodifluoromethane	75-71-8	U	0.00646	0.00152	mg/kg	03.30.16 16.09	U	1
Ethyl methacrylate	97-63-2	U	0.00646	0.000943	mg/kg	03.30.16 16.09	U	1
Ethylbenzene	100-41-4	**0.00140**	0.00646	0.000730	mg/kg	03.30.16 16.09	J	1
Hexachlorobutadiene	87-68-3	U	0.00646	0.00110	mg/kg	03.30.16 16.09	U	1
Isopropylbenzene	98-82-8	U	0.00646	0.000981	mg/kg	03.30.16 16.09	U	1
m,p-Xylenes	179601-23-1	**0.00620**	0.0129	0.00156	mg/kg	03.30.16 16.09	J	1
Methyl tert-butyl ether	1634-04-4	U	0.0129	0.000895	mg/kg	03.30.16 16.09	U	1
Methylene chloride	75-09-2	**0.00961**	0.00646	0.00280	mg/kg	03.30.16 16.09	B	1
Naphthalene	91-20-3	**0.00596**	0.00646	0.00168	mg/kg	03.30.16 16.09	J	1
n-Butylbenzene	104-51-8	U	0.00646	0.00114	mg/kg	03.30.16 16.09	U	1
n-Propylbenzene	103-65-1	U	0.00646	0.00101	mg/kg	03.30.16 16.09	U	1
Diethyl Ether (Ethyl Ether)	60-29-7	U	0.00646	0.00646	mg/kg	03.30.16 16.09	U	1
o-Xylene	95-47-6	**0.00187**	0.00646	0.000925	mg/kg	03.30.16 16.09	J	1
p-Isopropyltoluene	99-87-6	U	0.00646	0.00103	mg/kg	03.30.16 16.09	U	1
sec-Butylbenzene	135-98-8	U	0.00646	0.000849	mg/kg	03.30.16 16.09	U	1
Styrene	100-42-5	U	0.00646	0.000959	mg/kg	03.30.16 16.09	U	1
tert-Butylbenzene	98-06-6	U	0.00646	0.00108	mg/kg	03.30.16 16.09	U	1
Tetrachloroethene	127-18-4	U	0.00646	0.00134	mg/kg	03.30.16 16.09	U	1
Toluene	108-88-3	**0.00668**	0.00646	0.000760	mg/kg	03.30.16 16.09		1
trans-1,2-Dichloroethene	156-60-5	U	0.00646	0.00101	mg/kg	03.30.16 16.09	U	1
trans-1,3-Dichloropropene	10061-02-6	U	0.00646	0.000866	mg/kg	03.30.16 16.09	U	1
Trichloroethene	79-01-6	U	0.00646	0.000913	mg/kg	03.30.16 16.09	U	1
Trichlorofluoromethane	75-69-4	U	0.00646	0.00454	mg/kg	03.30.16 16.09	U	1
Vinyl acetate	108-05-4	U	0.00646	0.000931	mg/kg	03.30.16 16.09	U	1
Vinyl chloride	75-01-4	U	0.00646	0.00260	mg/kg	03.30.16 16.09	U	1
Tetrahydrofuran	109-99-9	U	0.00646	0.00646	mg/kg	03.30.16 16.09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	122	%	50-150	03.30.16 16.09	
4-Bromofluorobenzene	460-00-4	99	%	57-158	03.30.16 16.09	
Toluene-D8	2037-26-5	97	%	50-150	03.30.16 16.09	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-7**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-009	Date Collected:	03.24.16 14.38		
Analytical Method:	VPH by MADEP Method			Prep Method:	SW5030B
Tech:	ZHO			% Moisture:	6.74
Analyst:	ZHO	Date Prep:	03.27.16 18.04	Basis:	Dry Weight
Seq Number:	991394				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
C5-C8 Aliphatic (Unadj.)	ALHYDRC5C8		U	5.48	5.48	mg/kg	03.27.16 21.50	U	50
C9-C12 Aliphatic (Unadj.)	ALHYDRC9C1		U	5.48	5.48	mg/kg	03.27.16 21.50	U	50
C9-C10 Aromatic (Unadj.)	HYDC9C10		U	1.83	1.83	mg/kg	03.27.16 21.50	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2,5-Dibromotoluene	615-59-8	93	%	70-130	03.27.16 21.50	
2,5-Dibromotoluene (PID)	615-59-8	102	%	70-130	03.27.16 21.50	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-8**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-010	Date Collected:	03.24.16 14.42		
Analytical Method:	EPH by MADEP Method			Prep Method:	SW3550
Tech:	VBR			% Moisture:	6.88
Analyst:	CLAR	Date Prep:	03.29.16 12.30	Basis:	Dry Weight
Seq Number:	991564				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
Aliphatic Hydrocarbons C9-C18	ALHYDRC9C1		U	10.6	10.6	mg/kg	03.31.16 22.42	U	1
Aliphatic Hydrocarbons C19-C36	ALHYDRC19C		U	10.6	10.6	mg/kg	03.31.16 22.42	U	1
Aromatic Hydrocarbons C11-22 (Unadj.)	C11C22		U	21.2	21.2	mg/kg	04.01.16 03.42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctadecane	3386-33-2	62	%	40-140	03.31.16 22.42	
o-Terphenyl	84-15-1	58	%	40-140	04.01.16 03.42	
2-Fluorobiphenyl	321-60-8	56	%	40-140	04.01.16 03.42	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-8**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-010	Date Collected:	03.24.16 14.42		
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	VBR			% Moisture:	6.88
Analyst:	VIC	Date Prep:	03.29.16 11.45	Basis:	Dry Weight
Seq Number:	991483				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	0.358	0.0633	mg/kg	03.31.16 03.56	U	1
1,2-Dichlorobenzene	95-50-1	U	0.358	0.0580	mg/kg	03.31.16 03.56	U	1
1,3-Dichlorobenzene	541-73-1	U	0.358	0.0565	mg/kg	03.31.16 03.56	U	1
1,4-Dichlorobenzene	106-46-7	U	0.358	0.0558	mg/kg	03.31.16 03.56	U	1
2,4,5-Trichlorophenol	95-95-4	U	0.358	0.0658	mg/kg	03.31.16 03.56	U	1
2,4,6-Trichlorophenol	88-06-2	U	0.358	0.0691	mg/kg	03.31.16 03.56	U	1
2,4-Dichlorophenol	120-83-2	U	0.358	0.0454	mg/kg	03.31.16 03.56	U	1
2,4-Dimethylphenol	105-67-9	U	0.358	0.0651	mg/kg	03.31.16 03.56	U	1
2,4-Dinitrotoluene	121-14-2	U	0.358	0.0576	mg/kg	03.31.16 03.56	U	1
2,6-Dinitrotoluene	606-20-2	U	0.358	0.0465	mg/kg	03.31.16 03.56	U	1
2-Chloronaphthalene	91-58-7	U	0.358	0.0651	mg/kg	03.31.16 03.56	U	1
2-Chlorophenol	95-57-8	U	0.358	0.0641	mg/kg	03.31.16 03.56	U	1
2-Methylnaphthalene	91-57-6	U	0.358	0.0547	mg/kg	03.31.16 03.56	U	1
2-methylphenol	95-48-7	U	0.716	0.0501	mg/kg	03.31.16 03.56	U	1
2-Nitroaniline	88-74-4	U	0.358	0.0480	mg/kg	03.31.16 03.56	U	1
2-Nitrophenol	88-75-5	U	0.716	0.0451	mg/kg	03.31.16 03.56	U	1
3&4-Methylphenol	15831-10-4	U	1.79	0.106	mg/kg	03.31.16 03.56	U	1
3,3-Dichlorobenzidine	91-94-1	U	0.358	0.0522	mg/kg	03.31.16 03.56	U	1
3-Nitroaniline	99-09-2	U	0.358	0.0494	mg/kg	03.31.16 03.56	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	0.358	0.0623	mg/kg	03.31.16 03.56	U	1
4-Bromophenyl-phenylether	101-55-3	U	0.179	0.0608	mg/kg	03.31.16 03.56	U	1
4-chloro-3-methylphenol	59-50-7	U	0.358	0.0512	mg/kg	03.31.16 03.56	U	1
4-Chloroaniline	106-47-8	U	0.358	0.0594	mg/kg	03.31.16 03.56	U	1
4-Chlorophenyl-phenyl ether	7005-72-3	U	0.358	0.0680	mg/kg	03.31.16 03.56	U	1
4-Nitroaniline	100-01-6	U	0.716	0.0544	mg/kg	03.31.16 03.56	U	1
4-Nitrophenol	100-02-7	U	0.716	0.0440	mg/kg	03.31.16 03.56	U	1
Acenaphthene	83-32-9	U	0.358	0.0501	mg/kg	03.31.16 03.56	U	1
Acenaphthylene	208-96-8	U	0.358	0.0608	mg/kg	03.31.16 03.56	U	1
Aniline (Phenylamine, Aminobenzene)	62-53-3	U	0.358	0.0394	mg/kg	03.31.16 03.56	U	1
Anthracene	120-12-7	U	0.358	0.0530	mg/kg	03.31.16 03.56	U	1
Benzo(a)anthracene	56-55-3	U	0.358	0.0580	mg/kg	03.31.16 03.56	U	1
Benzo(a)pyrene	50-32-8	U	0.358	0.0526	mg/kg	03.31.16 03.56	U	1
Benzo(b)fluoranthene	205-99-2	U	0.358	0.0583	mg/kg	03.31.16 03.56	U	1
Benzo(g,h,i)perylene	191-24-2	U	0.358	0.0590	mg/kg	03.31.16 03.56	U	1
Benzo(k)fluoranthene	207-08-9	U	0.358	0.0615	mg/kg	03.31.16 03.56	U	1
Benzoic Acid	65-85-0	U	0.716	0.0565	mg/kg	03.31.16 03.56	U	1
Benzyl Butyl Phthalate	85-68-7	U	0.358	0.0537	mg/kg	03.31.16 03.56	U	1
bis(2-chloroethoxy) methane	111-91-1	U	0.358	0.0429	mg/kg	03.31.16 03.56	U	1
bis(2-chloroethyl) ether	111-44-4	U	0.179	0.0508	mg/kg	03.31.16 03.56	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **S-8**
Lab Sample Id: 527416-010

Matrix: Soil
Date Collected: 03.24.16 14.42

Date Received:03.25.16 09.30

Analytical Method: SVOCs by SW-846 8270D
Tech: VBR
Analyst: VIC
Seq Number: 991483

Date Prep: 03.29.16 11.45

Prep Method: SW3550
% Moisture: 6.88
Basis: Dry Weight

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
bis(2-chloroisopropyl) ether	39638-32-9		U	0.358	0.0483	mg/kg	03.31.16 03.56	U	1
bis(2-ethylhexyl) phthalate	117-81-7		U	0.358	0.0580	mg/kg	03.31.16 03.56	U	1
Chrysene	218-01-9		U	0.358	0.0476	mg/kg	03.31.16 03.56	U	1
Dibenz(a,h)Anthracene	53-70-3		U	0.358	0.0694	mg/kg	03.31.16 03.56	U	1
Dibenzofuran	132-64-9		U	0.358	0.0458	mg/kg	03.31.16 03.56	U	1
Diethyl Phthalate	84-66-2		U	0.358	0.0576	mg/kg	03.31.16 03.56	U	1
Dimethyl Phthalate	131-11-3		U	0.358	0.0540	mg/kg	03.31.16 03.56	U	1
di-n-Butyl Phthalate	84-74-2		U	0.358	0.0658	mg/kg	03.31.16 03.56	U	1
di-n-Octyl Phthalate	117-84-0		U	0.358	0.0594	mg/kg	03.31.16 03.56	U	1
Fluoranthene	206-44-0		U	0.358	0.0465	mg/kg	03.31.16 03.56	U	1
Fluorene	86-73-7		U	0.358	0.0437	mg/kg	03.31.16 03.56	U	1
Hexachlorobenzene	118-74-1		U	0.358	0.0598	mg/kg	03.31.16 03.56	U	1
Hexachlorobutadiene	87-68-3		U	0.358	0.0397	mg/kg	03.31.16 03.56	U	1
Hexachlorocyclopentadiene	77-47-4		U	0.358	0.0615	mg/kg	03.31.16 03.56	UH	1
Hexachloroethane	67-72-1		U	0.358	0.0555	mg/kg	03.31.16 03.56	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5		U	0.358	0.0651	mg/kg	03.31.16 03.56	U	1
Isophorone	78-59-1		U	0.358	0.0369	mg/kg	03.31.16 03.56	U	1
Naphthalene	91-20-3		U	0.358	0.0573	mg/kg	03.31.16 03.56	U	1
Nitrobenzene	98-95-3		U	0.358	0.0637	mg/kg	03.31.16 03.56	U	1
N-Nitrosodi-n-Propylamine	621-64-7		U	0.358	0.0512	mg/kg	03.31.16 03.56	U	1
N-Nitrosodiphenylamine	86-30-6		U	0.358	0.0751	mg/kg	03.31.16 03.56	U	1
Pentachlorophenol	87-86-5		U	0.716	0.0648	mg/kg	03.31.16 03.56	U	1
Phenanthrene	85-01-8		U	0.358	0.0594	mg/kg	03.31.16 03.56	U	1
Phenol	108-95-2		U	0.358	0.0501	mg/kg	03.31.16 03.56	U	1
Pyrene	129-00-0		U	0.358	0.0608	mg/kg	03.31.16 03.56	U	1
Pyridine	110-86-1		U	0.358	0.0680	mg/kg	03.31.16 03.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	45	%	25-121	03.31.16 03.56	
Nitrobenzene-d5	4165-60-0	50	%	23-120	03.31.16 03.56	
2-Fluorobiphenyl	321-60-8	51	%	30-115	03.31.16 03.56	
2,4,6-Tribromophenol	118-79-6	71	%	19-122	03.31.16 03.56	
Terphenyl-D14	1718-51-0	58	%	18-137	03.31.16 03.56	
Phenol-d5	4165-62-2	47	%	15-110	03.31.16 03.56	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **S-8**
Lab Sample Id: 527416-010

Matrix: Soil
Date Collected: 03.24.16 14.42

Date Received:03.25.16 09.30

Analytical Method: VOCs by SW-846 8260B
Tech: ZHO
Analyst: MWE
Seq Number: 991381

Date Prep: 03.29.16 10.52

Prep Method: SW5035A
% Moisture: 6.88
Basis: Dry Weight

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.00647	0.000679	mg/kg	03.29.16 15.20	U	1
1,1,1-Trichloroethane	71-55-6	U	0.00647	0.000974	mg/kg	03.29.16 15.20	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.00647	0.00154	mg/kg	03.29.16 15.20	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	0.00647	0.00144	mg/kg	03.29.16 15.20	U	1
1,1,2-Trichloroethane	79-00-5	U	0.00647	0.000867	mg/kg	03.29.16 15.20	U	1
1,1-Dichloroethane	75-34-3	U	0.00647	0.00104	mg/kg	03.29.16 15.20	U	1
1,1-Dichloroethene	75-35-4	U	0.00647	0.00150	mg/kg	03.29.16 15.20	U	1
1,1-Dichloropropene	563-58-6	U	0.00647	0.000697	mg/kg	03.29.16 15.20	U	1
1,2,3-Trichlorobenzene	87-61-6	U	0.00647	0.000743	mg/kg	03.29.16 15.20	U	1
1,2,3-Trichloropropane	96-18-4	U	0.00647	0.00213	mg/kg	03.29.16 15.20	U	1
1,2,4-Trichlorobenzene	120-82-1	U	0.00647	0.00113	mg/kg	03.29.16 15.20	U	1
1,2,4-Trimethylbenzene	95-63-6	**0.00299**	0.00647	0.000932	mg/kg	03.29.16 15.20	J	1
1,2-Dichloroethane	107-06-2	U	0.00647	0.000772	mg/kg	03.29.16 15.20	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.00647	0.00105	mg/kg	03.29.16 15.20	U	1
1,3-Dichlorobenzene	541-73-1	U	0.00647	0.00129	mg/kg	03.29.16 15.20	U	1
1,3-Dichloropropane	142-28-9	U	0.00647	0.000890	mg/kg	03.29.16 15.20	U	1
1,4-Dichlorobenzene	106-46-7	U	0.00647	0.000885	mg/kg	03.29.16 15.20	U	1
2,2-Dichloropropane	594-20-7	U	0.00647	0.000775	mg/kg	03.29.16 15.20	U	1
2-Chloroethyl vinyl ether	110-75-8	U	0.0129	0.000966	mg/kg	03.29.16 15.20	U	1
2-Chlorotoluene	95-49-8	U	0.00647	0.000916	mg/kg	03.29.16 15.20	U	1
2-Hexanone	591-78-6	U	0.0129	0.00146	mg/kg	03.29.16 15.20	U	1
4-Chlorotoluene	106-43-4	U	0.00647	0.000715	mg/kg	03.29.16 15.20	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.0129	0.00418	mg/kg	03.29.16 15.20	U	1
Acetone	67-64-1	**0.0242**	0.0647	0.00890	mg/kg	03.29.16 15.20	J	1
Acrolein	107-02-8	U	0.0129	0.00575	mg/kg	03.29.16 15.20	U	1
Acrylonitrile	107-13-1	U	0.0129	0.00646	mg/kg	03.29.16 15.20	U	1
Benzene	71-43-2	**0.00166**	0.00647	0.000664	mg/kg	03.29.16 15.20	J	1
Bromobenzene	108-86-1	U	0.00647	0.00110	mg/kg	03.29.16 15.20	U	1
Bromochloromethane	74-97-5	U	0.00647	0.00130	mg/kg	03.29.16 15.20	U	1
Bromodichloromethane	75-27-4	U	0.00647	0.000648	mg/kg	03.29.16 15.20	U	1
Bromoform	75-25-2	U	0.00647	0.00124	mg/kg	03.29.16 15.20	U	1
Bromomethane	74-83-9	U	0.00647	0.00318	mg/kg	03.29.16 15.20	U	1
Carbon disulfide	75-15-0	U	0.00647	0.00188	mg/kg	03.29.16 15.20	U	1
Carbon tetrachloride	56-23-5	U	0.00647	0.000960	mg/kg	03.29.16 15.20	U	1
Chlorobenzene	108-90-7	U	0.00647	0.000749	mg/kg	03.29.16 15.20	U	1
Chloroethane	75-00-3	U	0.00647	0.00316	mg/kg	03.29.16 15.20	UL	1
Chloroform	67-66-3	U	0.00647	0.000959	mg/kg	03.29.16 15.20	U	1
Chloromethane	74-87-3	U	0.00647	0.00298	mg/kg	03.29.16 15.20	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.00647	0.000857	mg/kg	03.29.16 15.20	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-8**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-010	Date Collected:	03.24.16 14.42		
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	ZHO			% Moisture:	6.88
Analyst:	MWE	Date Prep:	03.29.16 10.52	Basis:	Dry Weight
Seq Number:	991381				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,3-Dichloropropene	10061-01-5	U	0.00647	0.000697	mg/kg	03.29.16 15.20	U	1
Dibromochloromethane	124-48-1	U	0.00647	0.00129	mg/kg	03.29.16 15.20	U	1
Dibromomethane	74-95-3	U	0.00647	0.000793	mg/kg	03.29.16 15.20	U	1
Dichlorodifluoromethane	75-71-8	U	0.00647	0.00153	mg/kg	03.29.16 15.20	U	1
Ethyl methacrylate	97-63-2	U	0.00647	0.000944	mg/kg	03.29.16 15.20	U	1
Ethylbenzene	100-41-4	**0.00642**	0.00647	0.000731	mg/kg	03.29.16 15.20	J	1
Hexachlorobutadiene	87-68-3	U	0.00647	0.00110	mg/kg	03.29.16 15.20	U	1
Isopropylbenzene	98-82-8	U	0.00647	0.000982	mg/kg	03.29.16 15.20	U	1
m,p-Xylenes	179601-23-1	**0.0232**	0.0129	0.00156	mg/kg	03.29.16 15.20		1
Methyl tert-butyl ether	1634-04-4	U	0.0129	0.000897	mg/kg	03.29.16 15.20	U	1
Methylene chloride	75-09-2	U	0.00647	0.00280	mg/kg	03.29.16 15.20	UH	1
Naphthalene	91-20-3	U	0.00647	0.00168	mg/kg	03.29.16 15.20	U	1
n-Butylbenzene	104-51-8	U	0.00647	0.00114	mg/kg	03.29.16 15.20	U	1
n-Propylbenzene	103-65-1	**0.00132**	0.00647	0.00101	mg/kg	03.29.16 15.20	J	1
Diethyl Ether (Ethyl Ether)	60-29-7	U	0.00647	0.00647	mg/kg	03.29.16 15.20	U	1
o-Xylene	95-47-6	**0.00622**	0.00647	0.000926	mg/kg	03.29.16 15.20	J	1
p-Isopropyltoluene	99-87-6	U	0.00647	0.00104	mg/kg	03.29.16 15.20	U	1
sec-Butylbenzene	135-98-8	U	0.00647	0.000850	mg/kg	03.29.16 15.20	U	1
Styrene	100-42-5	U	0.00647	0.000960	mg/kg	03.29.16 15.20	U	1
tert-Butylbenzene	98-06-6	U	0.00647	0.00108	mg/kg	03.29.16 15.20	U	1
Tetrachloroethene	127-18-4	U	0.00647	0.00134	mg/kg	03.29.16 15.20	U	1
Toluene	108-88-3	**0.0256**	0.00647	0.000761	mg/kg	03.29.16 15.20		1
trans-1,2-Dichloroethene	156-60-5	U	0.00647	0.00101	mg/kg	03.29.16 15.20	U	1
trans-1,3-Dichloropropene	10061-02-6	U	0.00647	0.000867	mg/kg	03.29.16 15.20	UL	1
Trichloroethene	79-01-6	U	0.00647	0.000915	mg/kg	03.29.16 15.20	U	1
Trichlorofluoromethane	75-69-4	U	0.00647	0.00455	mg/kg	03.29.16 15.20	U	1
Vinyl acetate	108-05-4	U	0.00647	0.000933	mg/kg	03.29.16 15.20	U	1
Vinyl chloride	75-01-4	U	0.00647	0.00260	mg/kg	03.29.16 15.20	U	1
Tetrahydrofuran	109-99-9	U	0.00647	0.00647	mg/kg	03.29.16 15.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	113	%	50-150	03.29.16 15.20	
4-Bromofluorobenzene	460-00-4	102	%	57-158	03.29.16 15.20	
Toluene-D8	2037-26-5	96	%	50-150	03.29.16 15.20	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-8**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-010	Date Collected:	03.24.16 14.42		
Analytical Method:	VPH by MADEP Method			Prep Method:	SW5030B
Tech:	ZHO			% Moisture:	6.88
Analyst:	ZHO	Date Prep:	03.27.16 18.04	Basis:	Dry Weight
Seq Number:	991394				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
C5-C8 Aliphatic (Unadj.)	ALHYDRC5C8		U	4.62	4.62	mg/kg	03.27.16 22.34	U	50
C9-C12 Aliphatic (Unadj.)	ALHYDRC9C1		U	4.62	4.62	mg/kg	03.27.16 22.34	U	50
C9-C10 Aromatic (Unadj.)	HYDC9C10		U	1.54	1.54	mg/kg	03.27.16 22.34	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2,5-Dibromotoluene	615-59-8	94	%	70-130	03.27.16 22.34	
2,5-Dibromotoluene (PID)	615-59-8	96	%	70-130	03.27.16 22.34	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-9**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-011	Date Collected:	03.24.16 14.50		
Analytical Method:	EPH by MADEP Method			Prep Method:	SW3550
Tech:	VBR			% Moisture:	5.85
Analyst:	CLAR	Date Prep:	03.29.16 12.30	Basis:	Dry Weight
Seq Number:	991564				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
Aliphatic Hydrocarbons C9-C18	ALHYDRC9C1		U	10.6	10.6	mg/kg	03.31.16 23.42	U	1
Aliphatic Hydrocarbons C19-C36	ALHYDRC19C		U	10.6	10.6	mg/kg	03.31.16 23.42	U	1
Aromatic Hydrocarbons C11-22 (Unadj.)	C11C22		U	21.2	21.2	mg/kg	04.01.16 09.04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctadecane	3386-33-2	56	%	40-140	03.31.16 23.42	
o-Terphenyl	84-15-1	54	%	40-140	04.01.16 09.04	
2-Fluorobiphenyl	321-60-8	56	%	40-140	04.01.16 09.04	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-9**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-011	Date Collected:	03.24.16 14.50		
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	VBR			% Moisture:	5.85
Analyst:	VIC	Date Prep:	03.29.16 11.45	Basis:	Dry Weight
Seq Number:	991483				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	0.353	0.0625	mg/kg	03.31.16 04.24	U	1
1,2-Dichlorobenzene	95-50-1	U	0.353	0.0572	mg/kg	03.31.16 04.24	U	1
1,3-Dichlorobenzene	541-73-1	U	0.353	0.0558	mg/kg	03.31.16 04.24	U	1
1,4-Dichlorobenzene	106-46-7	U	0.353	0.0551	mg/kg	03.31.16 04.24	U	1
2,4,5-Trichlorophenol	95-95-4	U	0.353	0.0649	mg/kg	03.31.16 04.24	U	1
2,4,6-Trichlorophenol	88-06-2	U	0.353	0.0681	mg/kg	03.31.16 04.24	U	1
2,4-Dichlorophenol	120-83-2	U	0.353	0.0448	mg/kg	03.31.16 04.24	U	1
2,4-Dimethylphenol	105-67-9	U	0.353	0.0642	mg/kg	03.31.16 04.24	U	1
2,4-Dinitrotoluene	121-14-2	U	0.353	0.0568	mg/kg	03.31.16 04.24	U	1
2,6-Dinitrotoluene	606-20-2	U	0.353	0.0459	mg/kg	03.31.16 04.24	U	1
2-Chloronaphthalene	91-58-7	U	0.353	0.0642	mg/kg	03.31.16 04.24	U	1
2-Chlorophenol	95-57-8	U	0.353	0.0632	mg/kg	03.31.16 04.24	U	1
2-Methylnaphthalene	91-57-6	U	0.353	0.0540	mg/kg	03.31.16 04.24	U	1
2-methylphenol	95-48-7	U	0.706	0.0494	mg/kg	03.31.16 04.24	U	1
2-Nitroaniline	88-74-4	U	0.353	0.0473	mg/kg	03.31.16 04.24	U	1
2-Nitrophenol	88-75-5	U	0.706	0.0445	mg/kg	03.31.16 04.24	U	1
3&4-Methylphenol	15831-10-4	U	1.76	0.104	mg/kg	03.31.16 04.24	U	1
3,3-Dichlorobenzidine	91-94-1	U	0.353	0.0515	mg/kg	03.31.16 04.24	U	1
3-Nitroaniline	99-09-2	U	0.353	0.0487	mg/kg	03.31.16 04.24	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	0.353	0.0614	mg/kg	03.31.16 04.24	U	1
4-Bromophenyl-phenylether	101-55-3	U	0.176	0.0600	mg/kg	03.31.16 04.24	U	1
4-chloro-3-methylphenol	59-50-7	U	0.353	0.0505	mg/kg	03.31.16 04.24	U	1
4-Chloroaniline	106-47-8	U	0.353	0.0586	mg/kg	03.31.16 04.24	U	1
4-Chlorophenyl-phenyl ether	7005-72-3	U	0.353	0.0671	mg/kg	03.31.16 04.24	U	1
4-Nitroaniline	100-01-6	U	0.706	0.0537	mg/kg	03.31.16 04.24	U	1
4-Nitrophenol	100-02-7	U	0.706	0.0434	mg/kg	03.31.16 04.24	U	1
Acenaphthene	83-32-9	U	0.353	0.0494	mg/kg	03.31.16 04.24	U	1
Acenaphthylene	208-96-8	U	0.353	0.0600	mg/kg	03.31.16 04.24	U	1
Aniline (Phenylamine, Aminobenzene)	62-53-3	U	0.353	0.0388	mg/kg	03.31.16 04.24	U	1
Anthracene	120-12-7	U	0.353	0.0522	mg/kg	03.31.16 04.24	U	1
Benzo(a)anthracene	56-55-3	U	0.353	0.0572	mg/kg	03.31.16 04.24	U	1
Benzo(a)pyrene	50-32-8	U	0.353	0.0519	mg/kg	03.31.16 04.24	U	1
Benzo(b)fluoranthene	205-99-2	U	0.353	0.0575	mg/kg	03.31.16 04.24	U	1
Benzo(g,h,i)perylene	191-24-2	U	0.353	0.0582	mg/kg	03.31.16 04.24	U	1
Benzo(k)fluoranthene	207-08-9	U	0.353	0.0607	mg/kg	03.31.16 04.24	U	1
Benzoic Acid	65-85-0	U	0.706	0.0558	mg/kg	03.31.16 04.24	U	1
Benzyl Butyl Phthalate	85-68-7	U	0.353	0.0529	mg/kg	03.31.16 04.24	U	1
bis(2-chloroethoxy) methane	111-91-1	U	0.353	0.0424	mg/kg	03.31.16 04.24	U	1
bis(2-chloroethyl) ether	111-44-4	U	0.176	0.0501	mg/kg	03.31.16 04.24	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-9**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-011	Date Collected:	03.24.16 14.50		
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	VBR			% Moisture:	5.85
Analyst:	VIC	Date Prep:	03.29.16 11.45	Basis:	Dry Weight
Seq Number:	991483				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
bis(2-chloroisopropyl) ether	39638-32-9		U	0.353	0.0477	mg/kg	03.31.16 04.24	U	1
bis(2-ethylhexyl) phthalate	117-81-7		U	0.353	0.0572	mg/kg	03.31.16 04.24	U	1
Chrysene	218-01-9		U	0.353	0.0469	mg/kg	03.31.16 04.24	U	1
Dibenz(a,h)Anthracene	53-70-3		U	0.353	0.0685	mg/kg	03.31.16 04.24	U	1
Dibenzofuran	132-64-9		U	0.353	0.0452	mg/kg	03.31.16 04.24	U	1
Diethyl Phthalate	84-66-2		U	0.353	0.0568	mg/kg	03.31.16 04.24	U	1
Dimethyl Phthalate	131-11-3		U	0.353	0.0533	mg/kg	03.31.16 04.24	U	1
di-n-Butyl Phthalate	84-74-2		U	0.353	0.0649	mg/kg	03.31.16 04.24	U	1
di-n-Octyl Phthalate	117-84-0		U	0.353	0.0586	mg/kg	03.31.16 04.24	U	1
Fluoranthene	206-44-0		U	0.353	0.0459	mg/kg	03.31.16 04.24	U	1
Fluorene	86-73-7		U	0.353	0.0431	mg/kg	03.31.16 04.24	U	1
Hexachlorobenzene	118-74-1		U	0.353	0.0589	mg/kg	03.31.16 04.24	U	1
Hexachlorobutadiene	87-68-3		U	0.353	0.0392	mg/kg	03.31.16 04.24	U	1
Hexachlorocyclopentadiene	77-47-4		U	0.353	0.0607	mg/kg	03.31.16 04.24	UH	1
Hexachloroethane	67-72-1		U	0.353	0.0547	mg/kg	03.31.16 04.24	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5		U	0.353	0.0642	mg/kg	03.31.16 04.24	U	1
Isophorone	78-59-1		U	0.353	0.0364	mg/kg	03.31.16 04.24	U	1
Naphthalene	91-20-3		U	0.353	0.0565	mg/kg	03.31.16 04.24	U	1
Nitrobenzene	98-95-3		U	0.353	0.0628	mg/kg	03.31.16 04.24	U	1
N-Nitrosodi-n-Propylamine	621-64-7		U	0.353	0.0505	mg/kg	03.31.16 04.24	U	1
N-Nitrosodiphenylamine	86-30-6		U	0.353	0.0741	mg/kg	03.31.16 04.24	U	1
Pentachlorophenol	87-86-5		U	0.706	0.0639	mg/kg	03.31.16 04.24	U	1
Phenanthrene	85-01-8		U	0.353	0.0586	mg/kg	03.31.16 04.24	U	1
Phenol	108-95-2		U	0.353	0.0494	mg/kg	03.31.16 04.24	U	1
Pyrene	129-00-0		U	0.353	0.0600	mg/kg	03.31.16 04.24	U	1
Pyridine	110-86-1		U	0.353	0.0671	mg/kg	03.31.16 04.24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	45	%	25-121	03.31.16 04.24	
Nitrobenzene-d5	4165-60-0	52	%	23-120	03.31.16 04.24	
2-Fluorobiphenyl	321-60-8	47	%	30-115	03.31.16 04.24	
2,4,6-Tribromophenol	118-79-6	52	%	19-122	03.31.16 04.24	
Terphenyl-D14	1718-51-0	33	%	18-137	03.31.16 04.24	
Phenol-d5	4165-62-2	48	%	15-110	03.31.16 04.24	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-9**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-011	Date Collected:	03.24.16 14.50		
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	ZHO			% Moisture:	5.85
Analyst:	MWE	Date Prep:	03.29.16 10.52	Basis:	Dry Weight
Seq Number:	991381				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.00608	0.000638	mg/kg	03.29.16 15.46	U	1
1,1,1-Trichloroethane	71-55-6	U	0.00608	0.000915	mg/kg	03.29.16 15.46	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.00608	0.00144	mg/kg	03.29.16 15.46	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	0.00608	0.00135	mg/kg	03.29.16 15.46	U	1
1,1,2-Trichloroethane	79-00-5	U	0.00608	0.000814	mg/kg	03.29.16 15.46	U	1
1,1-Dichloroethane	75-34-3	U	0.00608	0.000975	mg/kg	03.29.16 15.46	U	1
1,1-Dichloroethene	75-35-4	U	0.00608	0.00141	mg/kg	03.29.16 15.46	U	1
1,1-Dichloropropene	563-58-6	U	0.00608	0.000655	mg/kg	03.29.16 15.46	U	1
1,2,3-Trichlorobenzene	87-61-6	U	0.00608	0.000698	mg/kg	03.29.16 15.46	U	1
1,2,3-Trichloropropane	96-18-4	U	0.00608	0.00200	mg/kg	03.29.16 15.46	U	1
1,2,4-Trichlorobenzene	120-82-1	U	0.00608	0.00106	mg/kg	03.29.16 15.46	U	1
1,2,4-Trimethylbenzene	95-63-6	**0.00316**	0.00608	0.000875	mg/kg	03.29.16 15.46	J	1
1,2-Dichloroethane	107-06-2	U	0.00608	0.000726	mg/kg	03.29.16 15.46	U	1
1,3,5-Trimethylbenzene	108-67-8	**0.00417**	0.00608	0.000989	mg/kg	03.29.16 15.46	J	1
1,3-Dichlorobenzene	541-73-1	U	0.00608	0.00121	mg/kg	03.29.16 15.46	U	1
1,3-Dichloropropane	142-28-9	U	0.00608	0.000836	mg/kg	03.29.16 15.46	U	1
1,4-Dichlorobenzene	106-46-7	U	0.00608	0.000831	mg/kg	03.29.16 15.46	U	1
2,2-Dichloropropane	594-20-7	U	0.00608	0.000728	mg/kg	03.29.16 15.46	U	1
2-Chloroethyl vinyl ether	110-75-8	U	0.0122	0.000908	mg/kg	03.29.16 15.46	U	1
2-Chlorotoluene	95-49-8	U	0.00608	0.000860	mg/kg	03.29.16 15.46	U	1
2-Hexanone	591-78-6	U	0.0122	0.00137	mg/kg	03.29.16 15.46	U	1
4-Chlorotoluene	106-43-4	U	0.00608	0.000672	mg/kg	03.29.16 15.46	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.0122	0.00393	mg/kg	03.29.16 15.46	U	1
Acetone	67-64-1	**0.0240**	0.0608	0.00836	mg/kg	03.29.16 15.46	J	1
Acrolein	107-02-8	U	0.0122	0.00540	mg/kg	03.29.16 15.46	U	1
Acrylonitrile	107-13-1	U	0.0122	0.00607	mg/kg	03.29.16 15.46	U	1
Benzene	71-43-2	**0.00136**	0.00608	0.000623	mg/kg	03.29.16 15.46	J	1
Bromobenzene	108-86-1	U	0.00608	0.00104	mg/kg	03.29.16 15.46	U	1
Bromochloromethane	74-97-5	U	0.00608	0.00122	mg/kg	03.29.16 15.46	U	1
Bromodichloromethane	75-27-4	U	0.00608	0.000609	mg/kg	03.29.16 15.46	U	1
Bromoform	75-25-2	U	0.00608	0.00117	mg/kg	03.29.16 15.46	U	1
Bromomethane	74-83-9	U	0.00608	0.00299	mg/kg	03.29.16 15.46	U	1
Carbon disulfide	75-15-0	**0.00280**	0.00608	0.00177	mg/kg	03.29.16 15.46	J	1
Carbon tetrachloride	56-23-5	U	0.00608	0.000902	mg/kg	03.29.16 15.46	U	1
Chlorobenzene	108-90-7	U	0.00608	0.000704	mg/kg	03.29.16 15.46	U	1
Chloroethane	75-00-3	U	0.00608	0.00297	mg/kg	03.29.16 15.46	UL	1
Chloroform	67-66-3	U	0.00608	0.000901	mg/kg	03.29.16 15.46	U	1
Chloromethane	74-87-3	U	0.00608	0.00280	mg/kg	03.29.16 15.46	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.00608	0.000805	mg/kg	03.29.16 15.46	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-9**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-011	Date Collected:	03.24.16 14.50		
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	ZHO			% Moisture:	5.85
Analyst:	MWE	Date Prep:	03.29.16 10.52	Basis:	Dry Weight
Seq Number:	991381				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,3-Dichloropropene	10061-01-5	U	0.00608	0.000655	mg/kg	03.29.16 15.46	U	1
Dibromochloromethane	124-48-1	U	0.00608	0.00121	mg/kg	03.29.16 15.46	U	1
Dibromomethane	74-95-3	U	0.00608	0.000745	mg/kg	03.29.16 15.46	U	1
Dichlorodifluoromethane	75-71-8	U	0.00608	0.00143	mg/kg	03.29.16 15.46	U	1
Ethyl methacrylate	97-63-2	U	0.00608	0.000887	mg/kg	03.29.16 15.46	U	1
Ethylbenzene	100-41-4	**0.00300**	0.00608	0.000687	mg/kg	03.29.16 15.46	J	1
Hexachlorobutadiene	87-68-3	U	0.00608	0.00104	mg/kg	03.29.16 15.46	U	1
Isopropylbenzene	98-82-8	U	0.00608	0.000922	mg/kg	03.29.16 15.46	U	1
m,p-Xylenes	179601-23-1	**0.0102**	0.0122	0.00147	mg/kg	03.29.16 15.46	J	1
Methyl tert-butyl ether	1634-04-4	U	0.0122	0.000842	mg/kg	03.29.16 15.46	U	1
Methylene chloride	75-09-2	U	0.00608	0.00263	mg/kg	03.29.16 15.46	UH	1
Naphthalene	91-20-3	U	0.00608	0.00158	mg/kg	03.29.16 15.46	U	1
n-Butylbenzene	104-51-8	U	0.00608	0.00107	mg/kg	03.29.16 15.46	U	1
n-Propylbenzene	103-65-1	U	0.00608	0.000950	mg/kg	03.29.16 15.46	U	1
Diethyl Ether (Ethyl Ether)	60-29-7	U	0.00608	0.00608	mg/kg	03.29.16 15.46	U	1
o-Xylene	95-47-6	**0.00346**	0.00608	0.000870	mg/kg	03.29.16 15.46	J	1
p-Isopropyltoluene	99-87-6	U	0.00608	0.000972	mg/kg	03.29.16 15.46	U	1
sec-Butylbenzene	135-98-8	U	0.00608	0.000798	mg/kg	03.29.16 15.46	U	1
Styrene	100-42-5	U	0.00608	0.000902	mg/kg	03.29.16 15.46	U	1
tert-Butylbenzene	98-06-6	U	0.00608	0.00101	mg/kg	03.29.16 15.46	U	1
Tetrachloroethene	127-18-4	U	0.00608	0.00126	mg/kg	03.29.16 15.46	U	1
Toluene	108-88-3	**0.0131**	0.00608	0.000715	mg/kg	03.29.16 15.46		1
trans-1,2-Dichloroethene	156-60-5	U	0.00608	0.000948	mg/kg	03.29.16 15.46	U	1
trans-1,3-Dichloropropene	10061-02-6	U	0.00608	0.000814	mg/kg	03.29.16 15.46	UL	1
Trichloroethene	79-01-6	U	0.00608	0.000859	mg/kg	03.29.16 15.46	U	1
Trichlorofluoromethane	75-69-4	U	0.00608	0.00427	mg/kg	03.29.16 15.46	U	1
Vinyl acetate	108-05-4	U	0.00608	0.000876	mg/kg	03.29.16 15.46	U	1
Vinyl chloride	75-01-4	U	0.00608	0.00244	mg/kg	03.29.16 15.46	U	1
Tetrahydrofuran	109-99-9	U	0.00608	0.00608	mg/kg	03.29.16 15.46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	112	%	50-150	03.29.16 15.46	
4-Bromofluorobenzene	460-00-4	102	%	57-158	03.29.16 15.46	
Toluene-D8	2037-26-5	99	%	50-150	03.29.16 15.46	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-9**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-011	Date Collected:	03.24.16 14.50		
Analytical Method:	VPH by MADEP Method			Prep Method:	SW5030B
Tech:	ZHO			% Moisture:	5.85
Analyst:	ZHO	Date Prep:	03.27.16 18.04	Basis:	Dry Weight
Seq Number:	991394				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
C5-C8 Aliphatic (Unadj.)	ALHYDRC5C8	U	5.13	5.13	mg/kg	03.27.16 23.20	U	50
C9-C12 Aliphatic (Unadj.)	ALHYDRC9C1	U	5.13	5.13	mg/kg	03.27.16 23.20	U	50
C9-C10 Aromatic (Unadj.)	HYDC9C10	U	1.71	1.71	mg/kg	03.27.16 23.20	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2,5-Dibromotoluene	615-59-8	85	%	70-130	03.27.16 23.20	
2,5-Dibromotoluene (PID)	615-59-8	94	%	70-130	03.27.16 23.20	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-10**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-012	Date Collected:	03.24.16 14.52		
Analytical Method:	EPH by MADEP Method			Prep Method:	SW3550
Tech:	VBR			% Moisture:	11.37
Analyst:	CLAR	Date Prep:	03.29.16 12.30	Basis:	Dry Weight
Seq Number:	991564				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
Aliphatic Hydrocarbons C9-C18	ALHYDRC9C1		U	11.3	11.3	mg/kg	04.01.16 00.12	U	1
Aliphatic Hydrocarbons C19-C36	ALHYDRC19C		U	11.3	11.3	mg/kg	04.01.16 00.12	U	1
Aromatic Hydrocarbons C11-22 (Unadj.)	C11C22		U	22.5	22.5	mg/kg	04.01.16 09.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctadecane	3386-33-2	62	%	40-140	04.01.16 00.12	
o-Terphenyl	84-15-1	50	%	40-140	04.01.16 09.27	
2-Fluorobiphenyl	321-60-8	66	%	40-140	04.01.16 09.27	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-10**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-012	Date Collected:	03.24.16 14.52		
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	VBR			% Moisture:	11.37
Analyst:	VIC	Date Prep:	03.29.16 11.45	Basis:	Dry Weight
Seq Number:	991483				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	0.374	0.0662	mg/kg	03.31.16 06.45	U	1
1,2-Dichlorobenzene	95-50-1	U	0.374	0.0606	mg/kg	03.31.16 06.45	U	1
1,3-Dichlorobenzene	541-73-1	U	0.374	0.0591	mg/kg	03.31.16 06.45	U	1
1,4-Dichlorobenzene	106-46-7	U	0.374	0.0584	mg/kg	03.31.16 06.45	U	1
2,4,5-Trichlorophenol	95-95-4	U	0.374	0.0689	mg/kg	03.31.16 06.45	U	1
2,4,6-Trichlorophenol	88-06-2	U	0.374	0.0722	mg/kg	03.31.16 06.45	U	1
2,4-Dichlorophenol	120-83-2	U	0.374	0.0475	mg/kg	03.31.16 06.45	U	1
2,4-Dimethylphenol	105-67-9	U	0.374	0.0681	mg/kg	03.31.16 06.45	U	1
2,4-Dinitrotoluene	121-14-2	U	0.374	0.0603	mg/kg	03.31.16 06.45	U	1
2,6-Dinitrotoluene	606-20-2	U	0.374	0.0486	mg/kg	03.31.16 06.45	U	1
2-Chloronaphthalene	91-58-7	U	0.374	0.0681	mg/kg	03.31.16 06.45	U	1
2-Chlorophenol	95-57-8	U	0.374	0.0670	mg/kg	03.31.16 06.45	U	1
2-Methylnaphthalene	91-57-6	U	0.374	0.0573	mg/kg	03.31.16 06.45	U	1
2-methylphenol	95-48-7	U	0.748	0.0524	mg/kg	03.31.16 06.45	U	1
2-Nitroaniline	88-74-4	U	0.374	0.0501	mg/kg	03.31.16 06.45	U	1
2-Nitrophenol	88-75-5	U	0.748	0.0472	mg/kg	03.31.16 06.45	U	1
3&4-Methylphenol	15831-10-4	U	1.87	0.111	mg/kg	03.31.16 06.45	U	1
3,3-Dichlorobenzidine	91-94-1	U	0.374	0.0546	mg/kg	03.31.16 06.45	U	1
3-Nitroaniline	99-09-2	U	0.374	0.0516	mg/kg	03.31.16 06.45	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	0.374	0.0651	mg/kg	03.31.16 06.45	U	1
4-Bromophenyl-phenylether	101-55-3	U	0.187	0.0636	mg/kg	03.31.16 06.45	U	1
4-chloro-3-methylphenol	59-50-7	U	0.374	0.0535	mg/kg	03.31.16 06.45	U	1
4-Chloroaniline	106-47-8	U	0.374	0.0621	mg/kg	03.31.16 06.45	U	1
4-Chlorophenyl-phenyl ether	7005-72-3	U	0.374	0.0711	mg/kg	03.31.16 06.45	U	1
4-Nitroaniline	100-01-6	U	0.748	0.0569	mg/kg	03.31.16 06.45	U	1
4-Nitrophenol	100-02-7	U	0.748	0.0460	mg/kg	03.31.16 06.45	U	1
Acenaphthene	83-32-9	U	0.374	0.0524	mg/kg	03.31.16 06.45	U	1
Acenaphthylene	208-96-8	U	0.374	0.0636	mg/kg	03.31.16 06.45	U	1
Aniline (Phenylamine, Aminobenzene)	62-53-3	U	0.374	0.0412	mg/kg	03.31.16 06.45	U	1
Anthracene	120-12-7	U	0.374	0.0554	mg/kg	03.31.16 06.45	U	1
Benzo(a)anthracene	56-55-3	U	0.374	0.0606	mg/kg	03.31.16 06.45	U	1
Benzo(a)pyrene	50-32-8	U	0.374	0.0550	mg/kg	03.31.16 06.45	U	1
Benzo(b)fluoranthene	205-99-2	U	0.374	0.0610	mg/kg	03.31.16 06.45	U	1
Benzo(g,h,i)perylene	191-24-2	U	0.374	0.0617	mg/kg	03.31.16 06.45	U	1
Benzo(k)fluoranthene	207-08-9	U	0.374	0.0644	mg/kg	03.31.16 06.45	U	1
Benzoic Acid	65-85-0	U	0.748	0.0591	mg/kg	03.31.16 06.45	U	1
Benzyl Butyl Phthalate	85-68-7	U	0.374	0.0561	mg/kg	03.31.16 06.45	U	1
bis(2-chloroethoxy) methane	111-91-1	U	0.374	0.0449	mg/kg	03.31.16 06.45	U	1
bis(2-chloroethyl) ether	111-44-4	U	0.187	0.0531	mg/kg	03.31.16 06.45	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-10**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-012	Date Collected:	03.24.16 14.52		
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	VBR			% Moisture:	11.37
Analyst:	VIC	Date Prep:	03.29.16 11.45	Basis:	Dry Weight
Seq Number:	991483				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
bis(2-chloroisopropyl) ether	39638-32-9	U	0.374	0.0505	mg/kg	03.31.16 06.45	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	0.374	0.0606	mg/kg	03.31.16 06.45	U	1
Chrysene	218-01-9	U	0.374	0.0498	mg/kg	03.31.16 06.45	U	1
Dibenz(a,h)Anthracene	53-70-3	U	0.374	0.0726	mg/kg	03.31.16 06.45	U	1
Dibenzofuran	132-64-9	U	0.374	0.0479	mg/kg	03.31.16 06.45	U	1
Diethyl Phthalate	84-66-2	U	0.374	0.0603	mg/kg	03.31.16 06.45	U	1
Dimethyl Phthalate	131-11-3	U	0.374	0.0565	mg/kg	03.31.16 06.45	U	1
di-n-Butyl Phthalate	84-74-2	U	0.374	0.0689	mg/kg	03.31.16 06.45	U	1
di-n-Octyl Phthalate	117-84-0	U	0.374	0.0621	mg/kg	03.31.16 06.45	U	1
Fluoranthene	206-44-0	U	0.374	0.0486	mg/kg	03.31.16 06.45	U	1
Fluorene	86-73-7	U	0.374	0.0457	mg/kg	03.31.16 06.45	U	1
Hexachlorobenzene	118-74-1	U	0.374	0.0625	mg/kg	03.31.16 06.45	U	1
Hexachlorobutadiene	87-68-3	U	0.374	0.0415	mg/kg	03.31.16 06.45	U	1
Hexachlorocyclopentadiene	77-47-4	U	0.374	0.0644	mg/kg	03.31.16 06.45	UH	1
Hexachloroethane	67-72-1	U	0.374	0.0580	mg/kg	03.31.16 06.45	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	0.374	0.0681	mg/kg	03.31.16 06.45	U	1
Isophorone	78-59-1	U	0.374	0.0385	mg/kg	03.31.16 06.45	U	1
Naphthalene	91-20-3	U	0.374	0.0599	mg/kg	03.31.16 06.45	U	1
Nitrobenzene	98-95-3	U	0.374	0.0666	mg/kg	03.31.16 06.45	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	0.374	0.0535	mg/kg	03.31.16 06.45	U	1
N-Nitrosodiphenylamine	86-30-6	U	0.374	0.0786	mg/kg	03.31.16 06.45	U	1
Pentachlorophenol	87-86-5	U	0.748	0.0677	mg/kg	03.31.16 06.45	U	1
Phenanthrene	85-01-8	U	0.374	0.0621	mg/kg	03.31.16 06.45	U	1
Phenol	108-95-2	U	0.374	0.0524	mg/kg	03.31.16 06.45	U	1
Pyrene	129-00-0	U	0.374	0.0636	mg/kg	03.31.16 06.45	U	1
Pyridine	110-86-1	U	0.374	0.0711	mg/kg	03.31.16 06.45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	47	%	25-121	03.31.16 06.45	
Nitrobenzene-d5	4165-60-0	52	%	23-120	03.31.16 06.45	
2-Fluorobiphenyl	321-60-8	49	%	30-115	03.31.16 06.45	
2,4,6-Tribromophenol	118-79-6	70	%	19-122	03.31.16 06.45	
Terphenyl-D14	1718-51-0	59	%	18-137	03.31.16 06.45	
Phenol-d5	4165-62-2	50	%	15-110	03.31.16 06.45	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-10**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-012	Date Collected:	03.24.16 14.52		
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	ZHO			% Moisture:	11.37
Analyst:	MWE	Date Prep:	03.29.16 10.52	Basis:	Dry Weight
Seq Number:	991381				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.00658	0.000690	mg/kg	03.29.16 17.28	U	1
1,1,1-Trichloroethane	71-55-6	U	0.00658	0.000990	mg/kg	03.29.16 17.28	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.00658	0.00156	mg/kg	03.29.16 17.28	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	0.00658	0.00146	mg/kg	03.29.16 17.28	U	1
1,1,2-Trichloroethane	79-00-5	U	0.00658	0.000881	mg/kg	03.29.16 17.28	U	1
1,1-Dichloroethane	75-34-3	U	0.00658	0.00105	mg/kg	03.29.16 17.28	U	1
1,1-Dichloroethene	75-35-4	U	0.00658	0.00153	mg/kg	03.29.16 17.28	U	1
1,1-Dichloropropene	563-58-6	U	0.00658	0.000709	mg/kg	03.29.16 17.28	U	1
1,2,3-Trichlorobenzene	87-61-6	U	0.00658	0.000755	mg/kg	03.29.16 17.28	U	1
1,2,3-Trichloropropane	96-18-4	U	0.00658	0.00216	mg/kg	03.29.16 17.28	U	1
1,2,4-Trichlorobenzene	120-82-1	U	0.00658	0.00115	mg/kg	03.29.16 17.28	U	1
1,2,4-Trimethylbenzene	95-63-6	**0.169**	0.00658	0.000947	mg/kg	03.29.16 17.28		1
1,2-Dichloroethane	107-06-2	U	0.00658	0.000785	mg/kg	03.29.16 17.28	U	1
1,3,5-Trimethylbenzene	108-67-8	**0.0291**	0.00658	0.00107	mg/kg	03.29.16 17.28		1
1,3-Dichlorobenzene	541-73-1	U	0.00658	0.00131	mg/kg	03.29.16 17.28	U	1
1,3-Dichloropropane	142-28-9	U	0.00658	0.000905	mg/kg	03.29.16 17.28	U	1
1,4-Dichlorobenzene	106-46-7	U	0.00658	0.000899	mg/kg	03.29.16 17.28	U	1
2,2-Dichloropropane	594-20-7	U	0.00658	0.000788	mg/kg	03.29.16 17.28	U	1
2-Chloroethyl vinyl ether	110-75-8	U	0.0132	0.000982	mg/kg	03.29.16 17.28	U	1
2-Chlorotoluene	95-49-8	U	0.00658	0.000931	mg/kg	03.29.16 17.28	U	1
2-Hexanone	591-78-6	U	0.0132	0.00148	mg/kg	03.29.16 17.28	U	1
4-Chlorotoluene	106-43-4	U	0.00658	0.000727	mg/kg	03.29.16 17.28	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.0132	0.00425	mg/kg	03.29.16 17.28	U	1
Acetone	67-64-1	**0.0279**	0.0658	0.00904	mg/kg	03.29.16 17.28	J	1
Acrolein	107-02-8	U	0.0132	0.00584	mg/kg	03.29.16 17.28	U	1
Acrylonitrile	107-13-1	U	0.0132	0.00657	mg/kg	03.29.16 17.28	U	1
Benzene	71-43-2	**0.00622**	0.00658	0.000675	mg/kg	03.29.16 17.28	J	1
Bromobenzene	108-86-1	U	0.00658	0.00112	mg/kg	03.29.16 17.28	U	1
Bromochloromethane	74-97-5	U	0.00658	0.00132	mg/kg	03.29.16 17.28	U	1
Bromodichloromethane	75-27-4	U	0.00658	0.000659	mg/kg	03.29.16 17.28	U	1
Bromoform	75-25-2	U	0.00658	0.00126	mg/kg	03.29.16 17.28	U	1
Bromomethane	74-83-9	U	0.00658	0.00323	mg/kg	03.29.16 17.28	U	1
Carbon disulfide	75-15-0	U	0.00658	0.00191	mg/kg	03.29.16 17.28	U	1
Carbon tetrachloride	56-23-5	U	0.00658	0.000976	mg/kg	03.29.16 17.28	U	1
Chlorobenzene	108-90-7	U	0.00658	0.000761	mg/kg	03.29.16 17.28	U	1
Chloroethane	75-00-3	U	0.00658	0.00322	mg/kg	03.29.16 17.28	UL	1
Chloroform	67-66-3	U	0.00658	0.000974	mg/kg	03.29.16 17.28	U	1
Chloromethane	74-87-3	U	0.00658	0.00303	mg/kg	03.29.16 17.28	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.00658	0.000871	mg/kg	03.29.16 17.28	U	1

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **S-10**
Lab Sample Id: 527416-012
Matrix: Soil
Date Collected: 03.24.16 14.52
Date Received: 03.25.16 09.30

Analytical Method: VOCs by SW-846 8260B
Tech: ZHO
Analyst: MWE
Seq Number: 991381
Date Prep: 03.29.16 10.52
Prep Method: SW5035A
% Moisture: 11.37
Basis: Dry Weight

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,3-Dichloropropene	10061-01-5	U	0.00658	0.000709	mg/kg	03.29.16 17.28	U	1
Dibromochloromethane	124-48-1	U	0.00658	0.00131	mg/kg	03.29.16 17.28	U	1
Dibromomethane	74-95-3	U	0.00658	0.000806	mg/kg	03.29.16 17.28	U	1
Dichlorodifluoromethane	75-71-8	U	0.00658	0.00155	mg/kg	03.29.16 17.28	U	1
Ethyl methacrylate	97-63-2	U	0.00658	0.000960	mg/kg	03.29.16 17.28	U	1
Ethylbenzene	100-41-4	**0.0309**	0.00658	0.000743	mg/kg	03.29.16 17.28		1
Hexachlorobutadiene	87-68-3	U	0.00658	0.00112	mg/kg	03.29.16 17.28	U	1
Isopropylbenzene	98-82-8	**0.00672**	0.00658	0.000998	mg/kg	03.29.16 17.28		1
m,p-Xylenes	179601-23-1	**0.0597**	0.0132	0.00159	mg/kg	03.29.16 17.28		1
Methyl tert-butyl ether	1634-04-4	U	0.0132	0.000911	mg/kg	03.29.16 17.28	U	1
Methylene chloride	75-09-2	U	0.00658	0.00285	mg/kg	03.29.16 17.28	UH	1
Naphthalene	91-20-3	**0.0199**	0.00658	0.00171	mg/kg	03.29.16 17.28		1
n-Butylbenzene	104-51-8	**0.0107**	0.00658	0.00116	mg/kg	03.29.16 17.28		1
n-Propylbenzene	103-65-1	**0.0209**	0.00658	0.00103	mg/kg	03.29.16 17.28		1
Diethyl Ether (Ethyl Ether)	60-29-7	U	0.00658	0.00658	mg/kg	03.29.16 17.28	U	1
o-Xylene	95-47-6	**0.0183**	0.00658	0.000942	mg/kg	03.29.16 17.28		1
p-Isopropyltoluene	99-87-6	**0.00188**	0.00658	0.00105	mg/kg	03.29.16 17.28	J	1
sec-Butylbenzene	135-98-8	U	0.00658	0.000864	mg/kg	03.29.16 17.28	U	1
Styrene	100-42-5	U	0.00658	0.000976	mg/kg	03.29.16 17.28	U	1
tert-Butylbenzene	98-06-6	U	0.00658	0.00110	mg/kg	03.29.16 17.28	U	1
Tetrachloroethene	127-18-4	U	0.00658	0.00136	mg/kg	03.29.16 17.28	U	1
Toluene	108-88-3	**0.0191**	0.00658	0.000773	mg/kg	03.29.16 17.28		1
trans-1,2-Dichloroethene	156-60-5	U	0.00658	0.00103	mg/kg	03.29.16 17.28	U	1
trans-1,3-Dichloropropene	10061-02-6	U	0.00658	0.000881	mg/kg	03.29.16 17.28	UL	1
Trichloroethene	79-01-6	U	0.00658	0.000930	mg/kg	03.29.16 17.28	U	1
Trichlorofluoromethane	75-69-4	U	0.00658	0.00462	mg/kg	03.29.16 17.28	U	1
Vinyl acetate	108-05-4	U	0.00658	0.000948	mg/kg	03.29.16 17.28	U	1
Vinyl chloride	75-01-4	U	0.00658	0.00264	mg/kg	03.29.16 17.28	U	1
Tetrahydrofuran	109-99-9	U	0.00658	0.00658	mg/kg	03.29.16 17.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	50-150	03.29.16 17.28	
4-Bromofluorobenzene	460-00-4	106	%	57-158	03.29.16 17.28	
Toluene-D8	2037-26-5	101	%	50-150	03.29.16 17.28	

Certificate of Analytical Results 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id:	**S-10**	Matrix:	Soil	Date Received:	03.25.16 09.30
Lab Sample Id:	527416-012	Date Collected:	03.24.16 14.52		
Analytical Method:	VPH by MADEP Method			Prep Method:	SW5030B
Tech:	ZHO			% Moisture:	11.37
Analyst:	ZHO	Date Prep:	03.27.16 18.04	Basis:	Dry Weight
Seq Number:	991394				

Parameter	Cas Number	Result		RL	MDL	Units	Analysis Date	Flag	Dil
C5-C8 Aliphatic (Unadj.)	ALHYDRC5C8		U	6.94	6.94	mg/kg	03.28.16 00.04	U	50
C9-C12 Aliphatic (Unadj.)	ALHYDRC9C1		U	6.94	6.94	mg/kg	03.28.16 00.04	U	50
C9-C10 Aromatic (Unadj.)	HYDC9C10		U	2.31	2.31	mg/kg	03.28.16 00.04	U	50

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2,5-Dibromotoluene	615-59-8	94	%	70-130	03.28.16 00.04	
2,5-Dibromotoluene (PID)	615-59-8	94	%	70-130	03.28.16 00.04	

Antea Group - Charlotte

GPM 3035

Analytical Method: **Percent Moisture by SM2540G**

Seq Number: 991172 Matrix: Soil

Parent Sample Id: 527400-001 MD Sample Id: 527400-001 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	22.0	22.0	0	20	%	03.25.16 17:00	

Analytical Method: **Percent Moisture by SM2540G**

Seq Number: 991172 Matrix: Soil

Parent Sample Id: 527404-007 MD Sample Id: 527404-007 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	9.88	9.72	2	20	%	03.25.16 17:00	

Analytical Method: **Percent Moisture by SM2540G**

Seq Number: 991172 Matrix: Soil

Parent Sample Id: 527416-004 MD Sample Id: 527416-004 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	4.78	5.00	4	20	%	03.25.16 17:00	

Analytical Method: **EPH by MADEP Method** Prep Method: SW3550

Seq Number: 991564 Matrix: Solid Date Prep: 03.29.16

MB Sample Id: 707033-1-BLK LCS Sample Id: 707033-1-BKS LCSD Sample Id: 707033-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Aliphatic Hydrocarbons C9-C18	<10.0	60.0	33.2	55	29.7	50	40-140	11	40	mg/kg	03.31.16 16:43	
Aliphatic Hydrocarbons C19-C36	<10.0	80.0	57.5	72	54.1	68	40-140	6	40	mg/kg	03.31.16 16:43	
Aromatic Hydrocarbons C11-22 (Unadj.	<20.0	170	97.2	57	115	68	40-140	17	40	mg/kg	03.31.16 23:30	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctadecane	59		66		63		40-140	%	03.31.16 16:43
o-Terphenyl	60		68		69		40-140	%	03.31.16 23:30
2-Fluorobiphenyl	48		65		66		40-140	%	03.31.16 23:30

QC Summary 527416

Antea Group - Charlotte

GPM 3035

Analytical Method: **EPH by MADEP Method** Prep Method: SW3550

Seq Number: 991564 Matrix: Soil Date Prep: 03.29.16

Parent Sample Id: 527448-001 MS Sample Id: 527448-001 S MSD Sample Id: 527448-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Aliphatic Hydrocarbons C9-C18	<11.6	69.5	24.2	35	27.5	39	40-140	13	40	mg/kg	04.01.16 01:12	X
Aliphatic Hydrocarbons C19-C36	<11.6	92.7	68.1	73	69.2	74	40-140	2	40	mg/kg	04.01.16 01:12	
Aromatic Hydrocarbons C11-22 (Unadj.	<23.2	197	106	54	102	52	40-140	4	40	mg/kg	04.01.16 10:13	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctadecane	65		63		40-140	%	04.01.16 01:12
o-Terphenyl	60		57		40-140	%	04.01.16 10:13
2-Fluorobiphenyl	62		55		40-140	%	04.01.16 10:13

Antea Group - Charlotte

GPM 3035

Analytical Method: SVOCs by SW-846 8270D | Prep Method: SW3550

Seq Number: 991483 | Matrix: Solid | Date Prep: 03.29.16

MB Sample Id: 707027-1-BLK | LCS Sample Id: 707027-1-BKS | LCSD Sample Id: 707027-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,2,4-Trichlorobenzene	<0.0590	1.67	1.05	63	1.22	73	35-129	15	30	mg/kg	03.30.16 11:12	
1,2-Dichlorobenzene	<0.0540	1.67	0.910	54	1.11	66	38-122	20	30	mg/kg	03.30.16 11:12	
1,3-Dichlorobenzene	<0.0527	1.67	0.862	52	1.08	65	38-120	22	30	mg/kg	03.30.16 11:12	
1,4-Dichlorobenzene	<0.0520	1.67	0.874	52	1.09	65	37-121	22	30	mg/kg	03.30.16 11:12	
2,4,5-Trichlorophenol	<0.0613	1.67	1.29	77	1.28	77	40-135	1	30	mg/kg	03.30.16 11:12	
2,4,6-Trichlorophenol	<0.0643	1.67	1.27	76	1.24	74	39-139	2	30	mg/kg	03.30.16 11:12	
2,4-Dichlorophenol	<0.0423	1.67	1.09	65	1.18	71	36-135	8	30	mg/kg	03.30.16 11:12	
2,4-Dimethylphenol	<0.0607	1.67	1.21	72	1.24	74	38-133	2	30	mg/kg	03.30.16 11:12	
2,4-Dinitrotoluene	<0.0537	1.67	1.22	73	1.26	75	48-131	3	30	mg/kg	03.30.16 11:12	
2,6-Dinitrotoluene	<0.0433	1.67	1.19	71	1.26	75	42-136	6	30	mg/kg	03.30.16 11:12	
2-Chloronaphthalene	<0.0607	1.67	1.11	66	1.11	66	32-138	0	30	mg/kg	03.30.16 11:12	
2-Chlorophenol	<0.0597	1.67	0.976	58	1.20	72	38-125	21	30	mg/kg	03.30.16 11:12	
2-Methylnaphthalene	<0.0510	1.67	1.13	68	1.13	68	36-126	0	30	mg/kg	03.30.16 11:12	
2-methylphenol	<0.0467	1.67	1.17	70	1.22	73	37-128	4	30	mg/kg	03.30.16 11:12	
2-Nitroaniline	<0.0447	1.67	1.32	79	1.27	76	30-133	4	30	mg/kg	03.30.16 11:12	
2-Nitrophenol	<0.0420	1.67	1.06	63	1.13	68	33-142	6	30	mg/kg	03.30.16 11:12	
3&4-Methylphenol	<0.0987	1.67	1.07	64	1.11	66	38-126	4	30	mg/kg	03.30.16 11:12	
3-Nitroaniline	<0.0460	1.67	1.24	74	1.24	74	41-135	0	30	mg/kg	03.30.16 11:12	
4,6-dinitro-2-methyl phenol	<0.0580	1.67	1.45	87	1.35	81	30-146	7	30	mg/kg	03.30.16 11:12	
4-Bromophenyl-phenylether	<0.0567	1.67	1.28	77	1.29	77	37-140	1	30	mg/kg	03.30.16 11:12	
4-chloro-3-methylphenol	<0.0477	1.67	1.20	72	1.14	68	40-134	5	30	mg/kg	03.30.16 11:12	
4-Chloroaniline	<0.0553	1.67	1.15	69	1.17	70	34-124	2	30	mg/kg	03.30.16 11:12	
4-Chlorophenyl-phenyl ether	<0.0633	1.67	1.38	83	1.33	80	41-131	4	30	mg/kg	03.30.16 11:12	
4-Nitroaniline	<0.0507	1.67	1.11	66	1.05	63	46-132	6	30	mg/kg	03.30.16 11:12	
4-Nitrophenol	<0.0410	1.67	1.29	77	1.29	77	21-152	0	30	mg/kg	03.30.16 11:12	
Acenaphthene	<0.0467	1.67	1.18	71	1.17	70	37-131	1	30	mg/kg	03.30.16 11:12	
Acenaphthylene	<0.0567	1.67	1.23	74	1.22	73	39-129	1	30	mg/kg	03.30.16 11:12	
Aniline (Phenylamine, Aminobenzene)	<0.0367	1.67	1.32	79	1.61	96	33-117	20	30	mg/kg	03.30.16 11:12	
Anthracene	<0.0493	1.67	1.30	78	1.32	79	39-139	2	30	mg/kg	03.30.16 11:12	
Benzo(a)anthracene	<0.0540	1.67	1.42	85	1.41	84	44-135	1	30	mg/kg	03.30.16 11:12	
Benzo(a)pyrene	<0.0490	1.67	1.23	74	1.28	77	43-153	4	30	mg/kg	03.30.16 11:12	
Benzo(b)fluoranthene	<0.0543	1.67	1.11	66	1.10	66	40-153	1	30	mg/kg	03.30.16 11:12	
Benzo(g,h,i)perylene	<0.0550	1.67	1.14	68	1.15	69	40-153	1	30	mg/kg	03.30.16 11:12	
Benzo(k)fluoranthene	<0.0573	1.67	1.16	69	1.18	71	33-156	2	30	mg/kg	03.30.16 11:12	
Benzyl Butyl Phthalate	<0.0500	1.67	1.32	79	1.33	80	43-145	1	30	mg/kg	03.30.16 11:12	
bis(2-chloroethoxy) methane	<0.0400	1.67	1.06	63	1.13	68	30-129	6	30	mg/kg	03.30.16 11:12	
bis(2-chloroethyl) ether	<0.0473	1.67	0.933	56	1.20	72	33-127	25	30	mg/kg	03.30.16 11:12	
bis(2-chloroisopropyl) ether	<0.0450	1.67	1.21	72	1.28	77	25-124	6	30	mg/kg	03.30.16 11:12	
bis(2-ethylhexyl) phthalate	<0.0540	1.67	1.24	74	1.26	75	46-145	2	30	mg/kg	03.30.16 11:12	
Chrysene	<0.0443	1.67	1.44	86	1.42	85	42-135	1	30	mg/kg	03.30.16 11:12	
Dibenz(a,h)Anthracene	<0.0647	1.67	1.18	71	1.18	71	41-155	0	30	mg/kg	03.30.16 11:12	
Dibenzofuran	<0.0427	1.67	1.15	69	1.14	68	39-132	1	30	mg/kg	03.30.16 11:12	
Diethyl Phthalate	<0.0537	1.67	1.20	72	1.27	76	45-131	6	30	mg/kg	03.30.16 11:12	
Dimethyl Phthalate	<0.0503	1.67	1.25	75	1.26	75	43-132	1	30	mg/kg	03.30.16 11:12	
di-n-Butyl Phthalate	<0.0613	1.67	1.19	71	1.14	68	43-142	4	30	mg/kg	03.30.16 11:12	
di-n-Octyl Phthalate	<0.0553	1.67	1.18	71	1.17	70	34-166	1	30	mg/kg	03.30.16 11:12	
Fluoranthene	<0.0433	1.67	1.36	81	1.33	80	41-138	2	30	mg/kg	03.30.16 11:12	
Fluorene	<0.0407	1.67	1.14	68	1.15	69	41-131	1	30	mg/kg	03.30.16 11:12	
Hexachlorobenzene	<0.0557	1.67	1.33	80	1.29	77	36-142	3	30	mg/kg	03.30.16 11:12	
Hexachlorobutadiene	<0.0370	1.67	1.07	64	1.37	82	35-129	25	30	mg/kg	03.30.16 11:12	
Hexachlorocyclopentadiene	<0.0573	1.67	1.69	101	1.85	111	16-106	9	30	mg/kg	03.30.16 11:12	H
Hexachloroethane	<0.0517	1.67	1.03	62	1.21	72	36-121	16	30	mg/kg	03.30.16 11:12	

QC Summary 527416

Antea Group - Charlotte

GPM 3035

Analytical Method: **SVOCs by SW-846 8270D** Prep Method: SW3550

Seq Number: 991483 Matrix: Solid Date Prep: 03.29.16

MB Sample Id: 707027-1-BLK LCS Sample Id: 707027-1-BKS LCSD Sample Id: 707027-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Indeno(1,2,3-c,d)Pyrene	<0.0607	1.67	1.14	68	1.16	69	39-154	2	30	mg/kg	03.30.16 11:12	
Isophorone	<0.0343	1.67	1.62	97	1.65	99	36-128	2	30	mg/kg	03.30.16 11:12	
Naphthalene	<0.0533	1.67	0.949	57	1.10	66	35-128	15	30	mg/kg	03.30.16 11:12	
Nitrobenzene	<0.0593	1.67	1.11	66	1.24	74	32-129	11	30	mg/kg	03.30.16 11:12	
N-Nitrosodi-n-Propylamine	<0.0477	1.67	1.34	80	1.34	80	34-129	0	30	mg/kg	03.30.16 11:12	
N-Nitrosodiphenylamine	<0.0700	1.67	1.66	99	1.65	99	27-155	1	30	mg/kg	03.30.16 11:12	
Pentachlorophenol	<0.0603	1.67	1.38	83	1.24	74	14-148	11	30	mg/kg	03.30.16 11:12	
Phenanthrene	<0.0553	1.67	1.24	74	1.26	75	37-139	2	30	mg/kg	03.30.16 11:12	
Phenol	<0.0467	1.67	1.01	60	1.16	69	34-127	14	30	mg/kg	03.30.16 11:12	
Pyrene	<0.0567	1.67	1.41	84	1.38	83	42-138	2	30	mg/kg	03.30.16 11:12	
Pyridine	<0.0633	1.67	1.13	68	1.27	76	30-113	12	30	mg/kg	03.30.16 11:12	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
2-Fluorophenol	73		61		65		25-121	%	03.30.16 11:12
Nitrobenzene-d5	81		59		71		23-120	%	03.30.16 11:12
2-Fluorobiphenyl	75		66		66		30-115	%	03.30.16 11:12
2,4,6-Tribromophenol	75		80		79		19-122	%	03.30.16 11:12
Terphenyl-D14	64		61		67		18-137	%	03.30.16 11:12
Phenol-d5	74		61		71		15-110	%	03.30.16 11:12

Analytical Method: **SVOCs by SW-846 8270D** Prep Method: SW3550

Seq Number: 991483 Matrix: Solid Date Prep: 03.29.16

MB Sample Id: 707027-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
3,3-Dichlorobenzidine	U	mg/kg	03.30.16 10:44	
Benzoic Acid	U	mg/kg	03.30.16 10:44	

Antea Group - Charlotte

GPM 3035

Analytical Method: SVOCs by SW-846 8270D | Prep Method: SW3550

Seq Number: 991483 | Matrix: Soil | Date Prep: 03.29.16

Parent Sample Id: 527448-002 | MS Sample Id: 527448-002 S | MSD Sample Id: 527448-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,2,4-Trichlorobenzene	<0.0758	2.14	1.17	55	1.25	58	31-100	7	30	mg/kg	03.30.16 13:05	
1,2-Dichlorobenzene	<0.0694	2.14	1.01	47	1.10	51	27-97	9	30	mg/kg	03.30.16 13:05	
1,3-Dichlorobenzene	<0.0677	2.14	0.993	46	1.04	48	25-96	5	30	mg/kg	03.30.16 13:05	
1,4-Dichlorobenzene	<0.0668	2.14	1.04	49	1.06	49	27-94	2	30	mg/kg	03.30.16 13:05	
2,4,5-Trichlorophenol	<0.0788	2.14	1.03	48	1.46	68	33-110	35	30	mg/kg	03.30.16 13:05	F
2,4,6-Trichlorophenol	<0.0827	2.14	1.05	49	1.35	63	35-111	25	30	mg/kg	03.30.16 13:05	
2,4-Dichlorophenol	<0.0544	2.14	0.933	44	1.16	54	33-103	22	30	mg/kg	03.30.16 13:05	
2,4-Dimethylphenol	<0.0780	2.14	1.08	50	1.34	62	28-109	21	30	mg/kg	03.30.16 13:05	
2,4-Dinitrotoluene	<0.0690	2.14	1.36	64	1.55	72	35-122	13	30	mg/kg	03.30.16 13:05	
2,6-Dinitrotoluene	<0.0557	2.14	1.11	52	1.52	71	35-119	31	30	mg/kg	03.30.16 13:05	F
2-Chloronaphthalene	<0.0780	2.14	1.03	48	1.20	56	32-108	15	30	mg/kg	03.30.16 13:05	
2-Chlorophenol	<0.0767	2.14	0.905	42	1.05	49	25-102	15	30	mg/kg	03.30.16 13:05	
2-Methylnaphthalene	<0.0655	2.14	1.07	50	1.22	57	22-104	13	30	mg/kg	03.30.16 13:05	
2-methylphenol	<0.0600	2.14	0.935	44	1.02	47	27-104	9	30	mg/kg	03.30.16 13:05	
2-Nitroaniline	<0.0574	2.14	1.16	54	1.51	70	20-128	26	30	mg/kg	03.30.16 13:05	
2-Nitrophenol	<0.0540	2.14	1.09	51	1.12	52	30-104	3	30	mg/kg	03.30.16 13:05	
3&4-Methylphenol	<0.127	2.14	0.906	42	1.08	50	30-111	18	30	mg/kg	03.30.16 13:05	
3-Nitroaniline	<0.0591	2.14	1.23	57	1.51	70	22-117	20	30	mg/kg	03.30.16 13:05	
4,6-dinitro-2-methyl phenol	<0.0745	2.14	1.74	81	1.88	87	3-130	8	30	mg/kg	03.30.16 13:05	
4-Bromophenyl-phenylether	<0.0728	2.14	1.29	60	1.62	75	38-115	23	30	mg/kg	03.30.16 13:05	
4-chloro-3-methylphenol	<0.0613	2.14	0.965	45	1.24	58	26-116	25	30	mg/kg	03.30.16 13:05	
4-Chloroaniline	<0.0711	2.14	1.14	53	1.32	61	4-104	15	30	mg/kg	03.30.16 13:05	
4-Chlorophenyl-phenyl ether	<0.0814	2.14	1.22	57	1.55	72	34-114	24	30	mg/kg	03.30.16 13:05	
4-Nitroaniline	<0.0651	2.14	1.28	60	1.45	67	28-117	12	30	mg/kg	03.30.16 13:05	
4-Nitrophenol	<0.0527	2.14	1.44	67	1.66	77	12-137	14	30	mg/kg	03.30.16 13:05	
Acenaphthene	<0.0600	2.14	1.05	49	1.30	60	31-111	21	30	mg/kg	03.30.16 13:05	
Acenaphthylene	<0.0728	2.14	1.07	50	1.32	61	36-122	21	30	mg/kg	03.30.16 13:05	
Aniline (Phenylamine, Aminobenzene)	<0.0471	2.14	1.44	67	1.67	78	20-120	15	30	mg/kg	03.30.16 13:05	
Anthracene	<0.0634	2.14	1.39	65	1.68	78	33-118	19	30	mg/kg	03.30.16 13:05	
Benzo(a)anthracene	<0.0694	2.14	1.62	76	1.77	82	31-136	9	30	mg/kg	03.30.16 13:05	
Benzo(a)pyrene	<0.0630	2.14	1.48	69	1.57	73	44-105	6	30	mg/kg	03.30.16 13:05	
Benzo(b)fluoranthene	<0.0698	2.14	1.27	59	1.37	64	29-120	8	30	mg/kg	03.30.16 13:05	
Benzo(g,h,i)perylene	<0.0707	2.14	1.32	62	1.46	68	35-126	10	30	mg/kg	03.30.16 13:05	
Benzo(k)fluoranthene	<0.0737	2.14	1.36	64	1.49	69	37-123	9	30	mg/kg	03.30.16 13:05	
Benzyl Butyl Phthalate	<0.0643	2.14	1.42	66	1.57	73	35-122	10	30	mg/kg	03.30.16 13:05	
bis(2-chloroethoxy) methane	<0.0514	2.14	1.05	49	1.19	55	31-106	13	30	mg/kg	03.30.16 13:05	
bis(2-chloroethyl) ether	<0.0608	2.14	0.967	45	1.07	50	24-103	10	30	mg/kg	03.30.16 13:05	
bis(2-chloroisopropyl) ether	<0.0578	2.14	1.14	53	1.30	60	32-103	13	30	mg/kg	03.30.16 13:05	
bis(2-ethylhexyl) phthalate	<0.0694	2.14	1.42	66	1.60	74	32-129	12	30	mg/kg	03.30.16 13:05	
Chrysene	<0.0570	2.14	1.63	76	1.82	85	34-122	11	30	mg/kg	03.30.16 13:05	
Dibenz(a,h)Anthracene	<0.0831	2.14	1.36	64	1.50	70	36-124	10	30	mg/kg	03.30.16 13:05	
Dibenzofuran	<0.0548	2.14	1.06	50	1.33	62	31-107	23	30	mg/kg	03.30.16 13:05	
Diethyl Phthalate	<0.0690	2.14	1.27	59	1.59	74	34-118	22	30	mg/kg	03.30.16 13:05	
Dimethyl Phthalate	<0.0647	2.14	1.13	53	1.50	70	36-115	28	30	mg/kg	03.30.16 13:05	
di-n-Butyl Phthalate	<0.0788	2.14	1.35	63	1.51	70	37-121	11	30	mg/kg	03.30.16 13:05	
di-n-Octyl Phthalate	<0.0711	2.14	1.39	65	1.56	73	35-126	12	30	mg/kg	03.30.16 13:05	
Fluoranthene	<0.0557	2.14	1.58	74	1.73	80	15-135	9	30	mg/kg	03.30.16 13:05	
Fluorene	<0.0523	2.14	1.10	51	1.32	61	31-117	18	30	mg/kg	03.30.16 13:05	
Hexachlorobenzene	<0.0715	2.14	1.39	65	1.78	83	38-116	25	30	mg/kg	03.30.16 13:05	
Hexachlorobutadiene	<0.0475	2.14	1.11	52	1.30	60	30-98	16	30	mg/kg	03.30.16 13:05	
Hexachlorocyclopentadiene	<0.0737	2.14	1.50	70	1.77	82	12-194	17	30	mg/kg	03.30.16 13:05	
Hexachloroethane	<0.0664	2.14	0.999	47	1.14	53	27-98	13	30	mg/kg	03.30.16 13:05	

QC Summary 527416

Antea Group - Charlotte

GPM 3035

Analytical Method: **SVOCs by SW-846 8270D** Prep Method: SW3550

Seq Number: 991483 Matrix: Soil Date Prep: 03.29.16

Parent Sample Id: 527448-002 MS Sample Id: 527448-002 S MSD Sample Id: 527448-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Indeno(1,2,3-c,d)Pyrene	<0.0780	2.14	1.37	64	1.47	68	30-129	7	30	mg/kg	03.30.16 13:05	
Isophorone	<0.0441	2.14	1.49	70	1.75	81	11-139	16	30	mg/kg	03.30.16 13:05	
Naphthalene	<0.0685	2.14	1.03	48	1.11	52	31-100	7	30	mg/kg	03.30.16 13:05	
Nitrobenzene	<0.0763	2.14	1.13	53	1.29	60	27-106	13	30	mg/kg	03.30.16 13:05	
N-Nitrosodi-n-Propylamine	<0.0613	2.14	1.12	52	1.32	61	26-122	16	30	mg/kg	03.30.16 13:05	
N-Nitrosodiphenylamine	<0.0900	2.14	1.62	76	2.07	96	38-127	24	30	mg/kg	03.30.16 13:05	
Pentachlorophenol	<0.0775	2.14	1.42	66	1.71	80	14-128	19	30	mg/kg	03.30.16 13:05	
Phenanthrene	<0.0711	2.14	1.36	64	1.56	73	34-115	14	30	mg/kg	03.30.16 13:05	
Phenol	<0.0600	2.14	0.963	45	1.10	51	23-104	13	30	mg/kg	03.30.16 13:05	
Pyrene	<0.0728	2.14	1.61	75	1.77	82	33-112	9	30	mg/kg	03.30.16 13:05	
Pyridine	<0.0814	2.14	1.25	58	1.28	60	1-106	2	30	mg/kg	03.30.16 13:05	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
2-Fluorophenol	41		47		25-121	%	03.30.16 13:05
Nitrobenzene-d5	51		53		23-120	%	03.30.16 13:05
2-Fluorobiphenyl	44		53		30-115	%	03.30.16 13:05
2,4,6-Tribromophenol	58		76		19-122	%	03.30.16 13:05
Terphenyl-D14	61		64		18-137	%	03.30.16 13:05
Phenol-d5	44		48		15-110	%	03.30.16 13:05

Antea Group - Charlotte

GPM 3035

Analytical Method: VOCs by SW-846 8260B | Prep Method: SW5035

Seq Number: 991253 | Matrix: Solid | Date Prep: 03.28.16

MB Sample Id: 706993-1-BLK | LCS Sample Id: 706993-1-BKS | LCSD Sample Id: 706993-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1,2-Tetrachloroethane	<0.000525	0.0500	0.0516	103	0.0519	104	83-126	1	20	mg/kg	03.28.16 13:26	
1,1,1-Trichloroethane	<0.000753	0.0500	0.0520	104	0.0495	99	75-145	5	20	mg/kg	03.28.16 13:26	
1,1,2,2-Tetrachloroethane	<0.00119	0.0500	0.0496	99	0.0497	99	78-120	0	20	mg/kg	03.28.16 13:26	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00111	0.0500	0.0511	102	0.0475	95	54-173	7	20	mg/kg	03.28.16 13:26	
1,1,2-Trichloroethane	<0.000670	0.0500	0.0491	98	0.0488	98	81-115	1	20	mg/kg	03.28.16 13:26	
1,1-Dichloroethane	<0.000802	0.0500	0.0468	94	0.0452	90	73-131	3	20	mg/kg	03.28.16 13:26	
1,1-Dichloroethene	<0.00116	0.0500	0.0507	101	0.0480	96	67-144	5	20	mg/kg	03.28.16 13:26	
1,1-Dichloropropene	<0.000539	0.0500	0.0558	112	0.0522	104	83-141	7	20	mg/kg	03.28.16 13:26	
1,2,3-Trichlorobenzene	<0.000574	0.0500	0.0597	119	0.0596	119	59-168	0	20	mg/kg	03.28.16 13:26	
1,2,3-Trichloropropane	<0.00165	0.0500	0.0488	98	0.0490	98	73-129	0	20	mg/kg	03.28.16 13:26	
1,2,4-Trichlorobenzene	<0.000873	0.0500	0.0564	113	0.0548	110	61-170	3	20	mg/kg	03.28.16 13:26	
1,2,4-Trimethylbenzene	<0.000720	0.0500	0.0541	108	0.0526	105	73-145	3	20	mg/kg	03.28.16 13:26	
1,2-Dichloroethane	<0.000597	0.0500	0.0455	91	0.0439	88	63-150	4	20	mg/kg	03.28.16 13:26	
1,3,5-Trimethylbenzene	<0.000814	0.0500	0.0545	109	0.0526	105	69-152	4	20	mg/kg	03.28.16 13:26	
1,3-Dichlorobenzene	<0.000997	0.0500	0.0547	109	0.0531	106	73-145	3	20	mg/kg	03.28.16 13:26	
1,3-Dichloropropane	<0.000688	0.0500	0.0497	99	0.0500	100	82-117	1	20	mg/kg	03.28.16 13:26	
1,4-Dichlorobenzene	<0.000684	0.0500	0.0534	107	0.0528	106	74-143	1	20	mg/kg	03.28.16 13:26	
2,2-Dichloropropane	<0.000599	0.0500	0.0591	118	0.0540	108	67-153	9	20	mg/kg	03.28.16 13:26	
2-Chloroethyl vinyl ether	<0.000747	0.100	0.0686	69	0.0735	74	57-142	7	20	mg/kg	03.28.16 13:26	
2-Chlorotoluene	<0.000708	0.0500	0.0525	105	0.0514	103	74-143	2	20	mg/kg	03.28.16 13:26	
2-Hexanone	<0.00113	0.100	0.0933	93	0.0997	100	59-154	7	20	mg/kg	03.28.16 13:26	
4-Chlorotoluene	<0.000553	0.0500	0.0534	107	0.0520	104	76-140	3	20	mg/kg	03.28.16 13:26	
4-Methyl-2-pentanone (MIBK)	<0.00323	0.100	0.0959	96	0.0991	99	65-132	3	20	mg/kg	03.28.16 13:26	
Acetone	<0.00688	0.100	0.0815	82	0.0838	84	43-163	3	20	mg/kg	03.28.16 13:26	
Acrolein	<0.00444	0.100	0.122	122	0.125	125	41-157	2	20	mg/kg	03.28.16 13:26	
Acrylonitrile	<0.00499	0.100	0.0848	85	0.0840	84	64-156	1	20	mg/kg	03.28.16 13:26	
Benzene	<0.000513	0.0500	0.0509	102	0.0501	100	65-135	2	20	mg/kg	03.28.16 13:26	
Bromobenzene	<0.000854	0.0500	0.0511	102	0.0483	97	83-120	6	20	mg/kg	03.28.16 13:26	
Bromochloromethane	<0.00101	0.0500	0.0538	108	0.0535	107	79-126	1	20	mg/kg	03.28.16 13:26	
Bromodichloromethane	<0.000501	0.0500	0.0498	100	0.0498	100	80-135	0	20	mg/kg	03.28.16 13:26	
Bromoform	<0.000959	0.0500	0.0458	92	0.0470	94	71-135	3	20	mg/kg	03.28.16 13:26	
Bromomethane	<0.00246	0.0500	0.0458	92	0.0444	89	51-149	3	20	mg/kg	03.28.16 13:26	
Carbon disulfide	<0.00146	0.0500	0.0570	114	0.0528	106	57-151	8	20	mg/kg	03.28.16 13:26	
Carbon tetrachloride	<0.000742	0.0500	0.0535	107	0.0508	102	70-156	5	20	mg/kg	03.28.16 13:26	
Chlorobenzene	<0.000579	0.0500	0.0520	104	0.0516	103	76-131	1	20	mg/kg	03.28.16 13:26	
Chloroethane	<0.00245	0.0500	0.0336	67	0.0321	64	64-131	5	20	mg/kg	03.28.16 13:26	
Chloroform	<0.000741	0.0500	0.0501	100	0.0488	98	78-125	3	20	mg/kg	03.28.16 13:26	
Chloromethane	<0.00230	0.0500	0.0478	96	0.0453	91	59-127	5	20	mg/kg	03.28.16 13:26	
cis-1,2-Dichloroethene	<0.000662	0.0500	0.0541	108	0.0529	106	80-123	2	20	mg/kg	03.28.16 13:26	
cis-1,3-Dichloropropene	<0.000539	0.0500	0.0482	96	0.0482	96	81-123	0	20	mg/kg	03.28.16 13:26	
Dibromochloromethane	<0.000994	0.0500	0.0511	102	0.0513	103	81-136	0	20	mg/kg	03.28.16 13:26	
Dibromomethane	<0.000613	0.0500	0.0485	97	0.0493	99	79-128	2	20	mg/kg	03.28.16 13:26	
Dichlorodifluoromethane	<0.00118	0.0500	0.0431	86	0.0397	79	33-161	8	20	mg/kg	03.28.16 13:26	
Ethyl methacrylate	<0.000730	0.0500	0.0448	90	0.0466	93	72-126	4	20	mg/kg	03.28.16 13:26	
Ethylbenzene	<0.000565	0.0500	0.0528	106	0.0519	104	65-139	2	20	mg/kg	03.28.16 13:26	
Hexachlorobutadiene	<0.000852	0.0500	0.0555	111	0.0533	107	33-221	4	20	mg/kg	03.28.16 13:26	
Isopropylbenzene	<0.000759	0.0500	0.0556	111	0.0536	107	65-153	4	20	mg/kg	03.28.16 13:26	
m,p-Xylenes	<0.00121	0.100	0.109	109	0.107	107	75-141	2	20	mg/kg	03.28.16 13:26	
Methyl tert-butyl ether	<0.000693	0.100	0.0841	84	0.0840	84	70-131	0	20	mg/kg	03.28.16 13:26	
Methylene chloride	0.00528	0.0500	0.0511	102	0.0515	103	65-137	1	20	mg/kg	03.28.16 13:26	
Naphthalene	<0.00130	0.0500	0.0503	101	0.0507	101	68-151	1	20	mg/kg	03.28.16 13:26	
n-Butylbenzene	<0.000882	0.0500	0.0564	113	0.0534	107	43-199	5	20	mg/kg	03.28.16 13:26	

QC Summary 527416

Antea Group - Charlotte

GPM 3035

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 991253 Matrix: Solid Date Prep: 03.28.16

MB Sample Id: 706993-1-BLK LCS Sample Id: 706993-1-BKS LCSD Sample Id: 706993-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
n-Propylbenzene	<0.000782	0.0500	0.0542	108	0.0521	104	60-161	4	20	mg/kg	03.28.16 13:26	
Diethyl Ether (Ethyl Ether)	<0.00500	0.0500	0.0425	85	0.0430	86	50-145	1	20	mg/kg	03.28.16 13:26	
o-Xylene	<0.000716	0.0500	0.0535	107	0.0529	106	73-141	1	20	mg/kg	03.28.16 13:26	
p-Isopropyltoluene	<0.000800	0.0500	0.0565	113	0.0540	108	50-173	5	20	mg/kg	03.28.16 13:26	
sec-Butylbenzene	<0.000657	0.0500	0.0543	109	0.0524	105	44-179	4	20	mg/kg	03.28.16 13:26	
Styrene	<0.000742	0.0500	0.0539	108	0.0539	108	82-129	0	20	mg/kg	03.28.16 13:26	
tert-Butylbenzene	<0.000834	0.0500	0.0539	108	0.0532	106	56-163	1	20	mg/kg	03.28.16 13:26	
Tetrachloroethene	<0.00104	0.0500	0.0540	108	0.0507	101	78-144	6	20	mg/kg	03.28.16 13:26	
Toluene	<0.000588	0.0500	0.0506	101	0.0497	99	83-115	2	20	mg/kg	03.28.16 13:26	
trans-1,2-Dichloroethene	<0.000780	0.0500	0.0498	100	0.0462	92	72-132	8	20	mg/kg	03.28.16 13:26	
trans-1,3-Dichloropropene	<0.000670	0.0500	0.0445	89	0.0446	89	82-132	0	20	mg/kg	03.28.16 13:26	
Trichloroethene	<0.000707	0.0500	0.0517	103	0.0510	102	80-126	1	20	mg/kg	03.28.16 13:26	
Trichlorofluoromethane	<0.00351	0.0500	0.0463	93	0.0428	86	55-155	8	20	mg/kg	03.28.16 13:26	
Vinyl acetate	<0.000721	0.0500	0.0381	76	0.0385	77	57-146	1	20	mg/kg	03.28.16 13:26	
Vinyl chloride	<0.00201	0.0500	0.0518	104	0.0488	98	70-130	6	20	mg/kg	03.28.16 13:26	
Tetrahydrofuran	<0.00500	0.0500	0.0460	92	0.0469	94	51-157	2	20	mg/kg	03.28.16 13:26	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	108		91		91		50-150	%	03.28.16 13:26
4-Bromofluorobenzene	101		99		98		57-158	%	03.28.16 13:26
Toluene-D8	99		97		99		50-150	%	03.28.16 13:26

Antea Group - Charlotte

GPM 3035

Analytical Method: VOCs by SW-846 8260B | Prep Method: SW5035A

Seq Number: 991381 | Matrix: Solid | Date Prep: 03.29.16

MB Sample Id: 707070-1-BLK | LCS Sample Id: 707070-1-BKS | LCSD Sample Id: 707070-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1,2-Tetrachloroethane	<0.000525	0.0500	0.0486	97	0.0494	99	83-126	2	20	mg/kg	03.29.16 11:54	
1,1,1-Trichloroethane	<0.000753	0.0500	0.0513	103	0.0505	101	75-145	2	20	mg/kg	03.29.16 11:54	
1,1,2,2-Tetrachloroethane	<0.00119	0.0500	0.0419	84	0.0449	90	78-120	7	20	mg/kg	03.29.16 11:54	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00111	0.0500	0.0503	101	0.0490	98	54-173	3	20	mg/kg	03.29.16 11:54	
1,1,2-Trichloroethane	<0.000670	0.0500	0.0443	89	0.0468	94	81-115	5	20	mg/kg	03.29.16 11:54	
1,1-Dichloroethane	<0.000802	0.0500	0.0453	91	0.0460	92	73-131	2	20	mg/kg	03.29.16 11:54	
1,1-Dichloroethene	<0.00116	0.0500	0.0495	99	0.0476	95	67-144	4	20	mg/kg	03.29.16 11:54	
1,1-Dichloropropene	<0.000539	0.0500	0.0533	107	0.0523	105	83-141	2	20	mg/kg	03.29.16 11:54	
1,2,3-Trichlorobenzene	<0.000574	0.0500	0.0543	109	0.0529	106	59-168	3	20	mg/kg	03.29.16 11:54	
1,2,3-Trichloropropane	<0.00165	0.0500	0.0422	84	0.0449	90	73-129	6	20	mg/kg	03.29.16 11:54	
1,2,4-Trichlorobenzene	<0.000873	0.0500	0.0508	102	0.0490	98	61-170	4	20	mg/kg	03.29.16 11:54	
1,2,4-Trimethylbenzene	<0.000720	0.0500	0.0521	104	0.0490	98	73-145	6	20	mg/kg	03.29.16 11:54	
1,2-Dichloroethane	<0.000597	0.0500	0.0380	76	0.0430	86	63-150	12	20	mg/kg	03.29.16 11:54	
1,3,5-Trimethylbenzene	<0.000814	0.0500	0.0522	104	0.0501	100	69-152	4	20	mg/kg	03.29.16 11:54	
1,3-Dichlorobenzene	<0.000997	0.0500	0.0512	102	0.0492	98	73-145	4	20	mg/kg	03.29.16 11:54	
1,3-Dichloropropane	<0.000688	0.0500	0.0452	90	0.0477	95	82-117	5	20	mg/kg	03.29.16 11:54	
1,4-Dichlorobenzene	<0.000684	0.0500	0.0496	99	0.0485	97	74-143	2	20	mg/kg	03.29.16 11:54	
2,2-Dichloropropane	<0.000599	0.0500	0.0571	114	0.0565	113	67-153	1	20	mg/kg	03.29.16 11:54	
2-Chloroethyl vinyl ether	<0.000747	0.100	0.0580	58	0.0684	68	57-142	16	20	mg/kg	03.29.16 11:54	
2-Chlorotoluene	<0.000708	0.0500	0.0498	100	0.0485	97	74-143	3	20	mg/kg	03.29.16 11:54	
2-Hexanone	<0.00113	0.100	0.0713	71	0.0776	78	59-154	8	20	mg/kg	03.29.16 11:54	
4-Chlorotoluene	<0.000553	0.0500	0.0504	101	0.0487	97	76-140	3	20	mg/kg	03.29.16 11:54	
4-Methyl-2-pentanone (MIBK)	<0.00323	0.100	0.0807	81	0.0911	91	65-132	12	20	mg/kg	03.29.16 11:54	
Acetone	<0.00688	0.100	0.0779	78	0.0845	85	43-163	8	20	mg/kg	03.29.16 11:54	
Acrolein	<0.00444	0.100	0.104	104	0.116	116	41-157	11	20	mg/kg	03.29.16 11:54	
Acrylonitrile	<0.00499	0.100	0.0700	70	0.0814	81	64-156	15	20	mg/kg	03.29.16 11:54	
Benzene	<0.000513	0.0500	0.0496	99	0.0487	97	65-135	2	20	mg/kg	03.29.16 11:54	
Bromobenzene	<0.000854	0.0500	0.0450	90	0.0464	93	83-120	3	20	mg/kg	03.29.16 11:54	
Bromochloromethane	<0.00101	0.0500	0.0495	99	0.0529	106	79-126	7	20	mg/kg	03.29.16 11:54	
Bromodichloromethane	<0.000501	0.0500	0.0470	94	0.0483	97	80-135	3	20	mg/kg	03.29.16 11:54	
Bromoform	<0.000959	0.0500	0.0396	79	0.0425	85	71-135	7	20	mg/kg	03.29.16 11:54	
Bromomethane	<0.00246	0.0500	0.0443	89	0.0443	89	51-149	0	20	mg/kg	03.29.16 11:54	
Carbon disulfide	<0.00146	0.0500	0.0538	108	0.0525	105	57-151	2	20	mg/kg	03.29.16 11:54	
Carbon tetrachloride	<0.000742	0.0500	0.0527	105	0.0513	103	70-156	3	20	mg/kg	03.29.16 11:54	
Chlorobenzene	<0.000579	0.0500	0.0492	98	0.0492	98	76-131	0	20	mg/kg	03.29.16 11:54	
Chloroethane	<0.00245	0.0500	0.0253	51	0.0248	50	64-131	2	20	mg/kg	03.29.16 11:54	L
Chloroform	<0.000741	0.0500	0.0481	96	0.0483	97	78-125	0	20	mg/kg	03.29.16 11:54	
Chloromethane	<0.00230	0.0500	0.0448	90	0.0443	89	59-127	1	20	mg/kg	03.29.16 11:54	
cis-1,2-Dichloroethene	<0.000662	0.0500	0.0510	102	0.0523	105	80-123	3	20	mg/kg	03.29.16 11:54	
cis-1,3-Dichloropropene	<0.000539	0.0500	0.0444	89	0.0455	91	81-123	2	20	mg/kg	03.29.16 11:54	
Dibromochloromethane	<0.000994	0.0500	0.0455	91	0.0476	95	81-136	5	20	mg/kg	03.29.16 11:54	
Dibromomethane	<0.000613	0.0500	0.0443	89	0.0473	95	79-128	7	20	mg/kg	03.29.16 11:54	
Dichlorodifluoromethane	<0.00118	0.0500	0.0446	89	0.0417	83	33-161	7	20	mg/kg	03.29.16 11:54	
Ethyl methacrylate	<0.000730	0.0500	0.0403	81	0.0434	87	72-126	7	20	mg/kg	03.29.16 11:54	
Ethylbenzene	<0.000565	0.0500	0.0521	104	0.0507	101	65-139	3	20	mg/kg	03.29.16 11:54	
Hexachlorobutadiene	<0.000852	0.0500	0.0531	106	0.0488	98	33-221	8	20	mg/kg	03.29.16 11:54	
Isopropylbenzene	<0.000759	0.0500	0.0535	107	0.0514	103	65-153	4	20	mg/kg	03.29.16 11:54	
m,p-Xylenes	<0.00121	0.100	0.107	107	0.104	104	75-141	3	20	mg/kg	03.29.16 11:54	
Methyl tert-butyl ether	<0.000693	0.100	0.0771	77	0.0829	83	70-131	7	20	mg/kg	03.29.16 11:54	
Methylene chloride	0.00654	0.0500	0.0779	156	0.0820	164	65-137	5	20	mg/kg	03.29.16 11:54	H
Naphthalene	<0.00130	0.0500	0.0412	82	0.0440	88	68-151	7	20	mg/kg	03.29.16 11:54	
n-Butylbenzene	<0.000882	0.0500	0.0544	109	0.0509	102	43-199	7	20	mg/kg	03.29.16 11:54	

QC Summary 527416

Antea Group - Charlotte

GPM 3035

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 991381 Matrix: Solid Date Prep: 03.29.16

MB Sample Id: 707070-1-BLK LCS Sample Id: 707070-1-BKS LCSD Sample Id: 707070-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
n-Propylbenzene	<0.000782	0.0500	0.0526	105	0.0495	99	60-161	6	20	mg/kg	03.29.16 11:54	
Diethyl Ether (Ethyl Ether)	<0.00500	0.0500	0.0405	81	0.0426	85	50-145	5	20	mg/kg	03.29.16 11:54	
o-Xylene	<0.000716	0.0500	0.0525	105	0.0518	104	73-141	1	20	mg/kg	03.29.16 11:54	
p-Isopropyltoluene	<0.000800	0.0500	0.0538	108	0.0516	103	50-173	4	20	mg/kg	03.29.16 11:54	
sec-Butylbenzene	<0.000657	0.0500	0.0531	106	0.0503	101	44-179	5	20	mg/kg	03.29.16 11:54	
Styrene	<0.000742	0.0500	0.0512	102	0.0516	103	82-129	1	20	mg/kg	03.29.16 11:54	
tert-Butylbenzene	<0.000834	0.0500	0.0516	103	0.0499	100	56-163	3	20	mg/kg	03.29.16 11:54	
Tetrachloroethene	<0.00104	0.0500	0.0557	111	0.0546	109	78-144	2	20	mg/kg	03.29.16 11:54	
Toluene	<0.000588	0.0500	0.0543	109	0.0486	97	83-115	11	20	mg/kg	03.29.16 11:54	
trans-1,2-Dichloroethene	<0.000780	0.0500	0.0480	96	0.0470	94	72-132	2	20	mg/kg	03.29.16 11:54	
trans-1,3-Dichloropropene	<0.000670	0.0500	0.0395	79	0.0427	85	82-132	8	20	mg/kg	03.29.16 11:54	L
Trichloroethene	<0.000707	0.0500	0.0513	103	0.0488	98	80-126	5	20	mg/kg	03.29.16 11:54	
Trichlorofluoromethane	<0.00351	0.0500	0.0487	97	0.0455	91	55-155	7	20	mg/kg	03.29.16 11:54	
Vinyl acetate	<0.000721	0.0500	0.0328	66	0.0359	72	57-146	9	20	mg/kg	03.29.16 11:54	
Vinyl chloride	<0.00201	0.0500	0.0523	105	0.0502	100	70-130	4	20	mg/kg	03.29.16 11:54	
Tetrahydrofuran	<0.00500	0.0500	0.0385	77	0.0433	87	51-157	12	20	mg/kg	03.29.16 11:54	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	109		93		95		50-150	%	03.29.16 11:54
4-Bromofluorobenzene	100		97		97		57-158	%	03.29.16 11:54
Toluene-D8	100		96		94		50-150	%	03.29.16 11:54

Antea Group - Charlotte

GPM 3035

Analytical Method: VOCs by SW-846 8260B | Prep Method: SW5035A

Seq Number: 991408 | Matrix: Solid | Date Prep: 03.30.16

MB Sample Id: 707103-1-BLK | LCS Sample Id: 707103-1-BKS | LCSD Sample Id: 707103-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1,2-Tetrachloroethane	<0.000525	0.0500	0.0507	101	0.0520	104	83-126	3	20	mg/kg	03.30.16 13:35	
1,1,1-Trichloroethane	<0.000753	0.0500	0.0509	102	0.0486	97	75-145	5	20	mg/kg	03.30.16 13:35	
1,1,2,2-Tetrachloroethane	<0.00119	0.0500	0.0448	90	0.0481	96	78-120	7	20	mg/kg	03.30.16 13:35	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00111	0.0500	0.0497	99	0.0456	91	54-173	9	20	mg/kg	03.30.16 13:35	
1,1,2-Trichloroethane	<0.000670	0.0500	0.0465	93	0.0481	96	81-115	3	20	mg/kg	03.30.16 13:35	
1,1-Dichloroethane	<0.000802	0.0500	0.0448	90	0.0432	86	73-131	4	20	mg/kg	03.30.16 13:35	
1,1-Dichloroethene	<0.00116	0.0500	0.0480	96	0.0449	90	67-144	7	20	mg/kg	03.30.16 13:35	
1,1-Dichloropropene	<0.000539	0.0500	0.0512	102	0.0491	98	83-141	4	20	mg/kg	03.30.16 13:35	
1,2,3-Trichlorobenzene	<0.000574	0.0500	0.0554	111	0.0581	116	59-168	5	20	mg/kg	03.30.16 13:35	
1,2,3-Trichloropropane	<0.00165	0.0500	0.0441	88	0.0471	94	73-129	7	20	mg/kg	03.30.16 13:35	
1,2,4-Trichlorobenzene	<0.000873	0.0500	0.0525	105	0.0521	104	61-170	1	20	mg/kg	03.30.16 13:35	
1,2,4-Trimethylbenzene	<0.000720	0.0500	0.0539	108	0.0523	105	73-145	3	20	mg/kg	03.30.16 13:35	
1,2-Dichloroethane	<0.000597	0.0500	0.0442	88	0.0448	90	63-150	1	20	mg/kg	03.30.16 13:35	
1,3,5-Trimethylbenzene	<0.000814	0.0500	0.0536	107	0.0521	104	69-152	3	20	mg/kg	03.30.16 13:35	
1,3-Dichlorobenzene	<0.000997	0.0500	0.0539	108	0.0524	105	73-145	3	20	mg/kg	03.30.16 13:35	
1,3-Dichloropropane	<0.000688	0.0500	0.0465	93	0.0480	96	82-117	3	20	mg/kg	03.30.16 13:35	
1,4-Dichlorobenzene	<0.000684	0.0500	0.0535	107	0.0519	104	74-143	3	20	mg/kg	03.30.16 13:35	
2,2-Dichloropropane	<0.000599	0.0500	0.0557	111	0.0513	103	67-153	8	20	mg/kg	03.30.16 13:35	
2-Chloroethyl vinyl ether	<0.000747	0.100	0.0603	60	0.0634	63	57-142	5	20	mg/kg	03.30.16 13:35	
2-Chlorotoluene	<0.000708	0.0500	0.0515	103	0.0511	102	74-143	1	20	mg/kg	03.30.16 13:35	
2-Hexanone	<0.00113	0.100	0.0600	60	0.0693	69	59-154	14	20	mg/kg	03.30.16 13:35	
4-Chlorotoluene	<0.000553	0.0500	0.0527	105	0.0512	102	76-140	3	20	mg/kg	03.30.16 13:35	
4-Methyl-2-pentanone (MIBK)	<0.00323	0.100	0.0811	81	0.0909	91	65-132	11	20	mg/kg	03.30.16 13:35	
Acetone	<0.00688	0.100	0.0824	82	0.0804	80	43-163	2	20	mg/kg	03.30.16 13:35	
Acrolein	<0.00444	0.100	0.107	107	0.114	114	41-157	6	20	mg/kg	03.30.16 13:35	
Acrylonitrile	<0.00499	0.100	0.0716	72	0.0758	76	64-156	6	20	mg/kg	03.30.16 13:35	
Benzene	<0.000513	0.0500	0.0495	99	0.0484	97	65-135	2	20	mg/kg	03.30.16 13:35	
Bromobenzene	<0.000854	0.0500	0.0496	99	0.0495	99	83-120	0	20	mg/kg	03.30.16 13:35	
Bromochloromethane	<0.00101	0.0500	0.0499	100	0.0501	100	79-126	0	20	mg/kg	03.30.16 13:35	
Bromodichloromethane	<0.000501	0.0500	0.0505	101	0.0506	101	80-135	0	20	mg/kg	03.30.16 13:35	
Bromoform	<0.000959	0.0500	0.0449	90	0.0473	95	71-135	5	20	mg/kg	03.30.16 13:35	
Bromomethane	<0.00246	0.0500	0.0428	86	0.0413	83	51-149	4	20	mg/kg	03.30.16 13:35	
Carbon disulfide	<0.00146	0.0500	0.0560	112	0.0516	103	57-151	8	20	mg/kg	03.30.16 13:35	
Carbon tetrachloride	<0.000742	0.0500	0.0542	108	0.0504	101	70-156	7	20	mg/kg	03.30.16 13:35	
Chlorobenzene	<0.000579	0.0500	0.0518	104	0.0505	101	76-131	3	20	mg/kg	03.30.16 13:35	
Chloroethane	<0.00245	0.0500	0.0285	57	0.0255	51	64-131	11	20	mg/kg	03.30.16 13:35	L
Chloroform	<0.000741	0.0500	0.0499	100	0.0482	96	78-125	3	20	mg/kg	03.30.16 13:35	
Chloromethane	<0.00230	0.0500	0.0438	88	0.0409	82	59-127	7	20	mg/kg	03.30.16 13:35	
cis-1,2-Dichloroethene	<0.000662	0.0500	0.0501	100	0.0492	98	80-123	2	20	mg/kg	03.30.16 13:35	
cis-1,3-Dichloropropene	<0.000539	0.0500	0.0463	93	0.0473	95	81-123	2	20	mg/kg	03.30.16 13:35	
Dibromochloromethane	<0.000994	0.0500	0.0495	99	0.0512	102	81-136	3	20	mg/kg	03.30.16 13:35	
Dibromomethane	<0.000613	0.0500	0.0460	92	0.0478	96	79-128	4	20	mg/kg	03.30.16 13:35	
Dichlorodifluoromethane	<0.00118	0.0500	0.0412	82	0.0354	71	33-161	15	20	mg/kg	03.30.16 13:35	
Ethyl methacrylate	<0.000730	0.0500	0.0399	80	0.0440	88	72-126	10	20	mg/kg	03.30.16 13:35	
Ethylbenzene	<0.000565	0.0500	0.0524	105	0.0504	101	65-139	4	20	mg/kg	03.30.16 13:35	
Hexachlorobutadiene	<0.000852	0.0500	0.0531	106	0.0525	105	33-221	1	20	mg/kg	03.30.16 13:35	
Isopropylbenzene	<0.000759	0.0500	0.0543	109	0.0524	105	65-153	4	20	mg/kg	03.30.16 13:35	
m,p-Xylenes	<0.00121	0.100	0.108	108	0.104	104	75-141	4	20	mg/kg	03.30.16 13:35	
Methyl tert-butyl ether	<0.000693	0.100	0.0757	76	0.0768	77	70-131	1	20	mg/kg	03.30.16 13:35	
Methylene chloride	0.00945	0.0500	0.0629	126	0.0596	119	65-137	5	20	mg/kg	03.30.16 13:35	
Naphthalene	<0.00130	0.0500	0.0414	83	0.0464	93	68-151	11	20	mg/kg	03.30.16 13:35	
n-Butylbenzene	<0.000882	0.0500	0.0554	111	0.0532	106	43-199	4	20	mg/kg	03.30.16 13:35	

QC Summary 527416

Antea Group - Charlotte

GPM 3035

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 991408 Matrix: Solid Date Prep: 03.30.16

MB Sample Id: 707103-1-BLK LCS Sample Id: 707103-1-BKS LCSD Sample Id: 707103-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
n-Propylbenzene	<0.000782	0.0500	0.0540	108	0.0513	103	60-161	5	20	mg/kg	03.30.16 13:35	
Diethyl Ether (Ethyl Ether)	<0.00500	0.0500	0.0403	81	0.0400	80	50-145	1	20	mg/kg	03.30.16 13:35	
o-Xylene	<0.000716	0.0500	0.0525	105	0.0524	105	73-141	0	20	mg/kg	03.30.16 13:35	
p-Isopropyltoluene	<0.000800	0.0500	0.0557	111	0.0535	107	50-173	4	20	mg/kg	03.30.16 13:35	
sec-Butylbenzene	<0.000657	0.0500	0.0539	108	0.0520	104	44-179	4	20	mg/kg	03.30.16 13:35	
Styrene	<0.000742	0.0500	0.0535	107	0.0528	106	82-129	1	20	mg/kg	03.30.16 13:35	
tert-Butylbenzene	<0.000834	0.0500	0.0534	107	0.0520	104	56-163	3	20	mg/kg	03.30.16 13:35	
Tetrachloroethene	<0.00104	0.0500	0.0546	109	0.0522	104	78-144	4	20	mg/kg	03.30.16 13:35	
Toluene	<0.000588	0.0500	0.0497	99	0.0482	96	83-115	3	20	mg/kg	03.30.16 13:35	
trans-1,2-Dichloroethene	<0.000780	0.0500	0.0471	94	0.0439	88	72-132	7	20	mg/kg	03.30.16 13:35	
trans-1,3-Dichloropropene	<0.000670	0.0500	0.0423	85	0.0434	87	82-132	3	20	mg/kg	03.30.16 13:35	
Trichloroethene	<0.000707	0.0500	0.0513	103	0.0483	97	80-126	6	20	mg/kg	03.30.16 13:35	
Trichlorofluoromethane	<0.00351	0.0500	0.0469	94	0.0425	85	55-155	10	20	mg/kg	03.30.16 13:35	
Vinyl acetate	<0.000721	0.0500	0.0335	67	0.0338	68	57-146	1	20	mg/kg	03.30.16 13:35	
Vinyl chloride	<0.00201	0.0500	0.0490	98	0.0443	89	70-130	10	20	mg/kg	03.30.16 13:35	
Tetrahydrofuran	<0.00500	0.0500	0.0373	75	0.0422	84	51-157	12	20	mg/kg	03.30.16 13:35	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	112		93		90		50-150	%	03.30.16 13:35
4-Bromofluorobenzene	95		94		96		57-158	%	03.30.16 13:35
Toluene-D8	101		97		98		50-150	%	03.30.16 13:35

Antea Group - Charlotte

GPM 3035

Analytical Method: VOCs by SW-846 8260B | Prep Method: SW5035

Seq Number: 991418 | Matrix: Solid | Date Prep: 03.30.16

MB Sample Id: 707107-1-BLK | LCS Sample Id: 707107-1-BKS | LCSD Sample Id: 707107-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1,2-Tetrachloroethane	<0.000525	0.0500	0.0467	93	0.0481	96	83-126	3	20	mg/kg	03.30.16 13:59	
1,1,1-Trichloroethane	<0.000753	0.0500	0.0472	94	0.0475	95	75-145	1	20	mg/kg	03.30.16 13:59	
1,1,2,2-Tetrachloroethane	<0.00119	0.0500	0.0545	109	0.0559	112	78-120	3	20	mg/kg	03.30.16 13:59	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00111	0.0500	0.0548	110	0.0516	103	54-173	6	20	mg/kg	03.30.16 13:59	
1,1,2-Trichloroethane	<0.000670	0.0500	0.0523	105	0.0523	105	81-115	0	20	mg/kg	03.30.16 13:59	
1,1-Dichloroethane	<0.000802	0.0500	0.0528	106	0.0534	107	73-131	1	20	mg/kg	03.30.16 13:59	
1,1-Dichloroethene	<0.00116	0.0500	0.0538	108	0.0540	108	67-144	0	20	mg/kg	03.30.16 13:59	
1,1-Dichloropropene	<0.000539	0.0500	0.0505	101	0.0511	102	83-141	1	20	mg/kg	03.30.16 13:59	
1,2,3-Trichlorobenzene	<0.000574	0.0500	0.0524	105	0.0525	105	59-168	0	20	mg/kg	03.30.16 13:59	
1,2,3-Trichloropropane	<0.00165	0.0500	0.0500	100	0.0524	105	73-129	5	20	mg/kg	03.30.16 13:59	
1,2,4-Trichlorobenzene	<0.000873	0.0500	0.0541	108	0.0525	105	61-170	3	20	mg/kg	03.30.16 13:59	
1,2,4-Trimethylbenzene	<0.000720	0.0500	0.0493	99	0.0492	98	73-145	0	20	mg/kg	03.30.16 13:59	
1,2-Dichloroethane	<0.000597	0.0500	0.0441	88	0.0448	90	63-150	2	20	mg/kg	03.30.16 13:59	
1,3,5-Trimethylbenzene	<0.000814	0.0500	0.0487	97	0.0481	96	69-152	1	20	mg/kg	03.30.16 13:59	
1,3-Dichlorobenzene	<0.000997	0.0500	0.0488	98	0.0489	98	73-145	0	20	mg/kg	03.30.16 13:59	
1,3-Dichloropropane	<0.000688	0.0500	0.0497	99	0.0508	102	82-117	2	20	mg/kg	03.30.16 13:59	
1,4-Dichlorobenzene	<0.000684	0.0500	0.0474	95	0.0481	96	74-143	1	20	mg/kg	03.30.16 13:59	
2,2-Dichloropropane	<0.000599	0.0500	0.0559	112	0.0568	114	67-153	2	20	mg/kg	03.30.16 13:59	
2-Chloroethyl vinyl ether	<0.000747	0.100	0.417	417	0.423	423	57-142	1	20	mg/kg	03.30.16 13:59	H
2-Chlorotoluene	<0.000708	0.0500	0.0477	95	0.0473	95	74-143	1	20	mg/kg	03.30.16 13:59	
2-Hexanone	<0.00113	0.100	0.111	111	0.119	119	59-154	7	20	mg/kg	03.30.16 13:59	
4-Chlorotoluene	<0.000553	0.0500	0.0495	99	0.0498	100	76-140	1	20	mg/kg	03.30.16 13:59	
4-Methyl-2-pentanone (MIBK)	<0.00323	0.100	0.112	112	0.118	118	65-132	5	20	mg/kg	03.30.16 13:59	
Acetone	<0.00688	0.100	0.0894	89	0.101	101	43-163	12	20	mg/kg	03.30.16 13:59	
Acrolein	<0.00444	0.100	0.111	111	0.120	120	41-157	8	20	mg/kg	03.30.16 13:59	
Acrylonitrile	<0.00499	0.100	0.107	107	0.114	114	64-156	6	20	mg/kg	03.30.16 13:59	
Benzene	<0.000513	0.0500	0.0523	105	0.0532	106	65-135	2	20	mg/kg	03.30.16 13:59	
Bromobenzene	<0.000854	0.0500	0.0492	98	0.0507	101	83-120	3	20	mg/kg	03.30.16 13:59	
Bromochloromethane	<0.00101	0.0500	0.0478	96	0.0516	103	79-126	8	20	mg/kg	03.30.16 13:59	
Bromodichloromethane	<0.000501	0.0500	0.0484	97	0.0497	99	80-135	3	20	mg/kg	03.30.16 13:59	
Bromoform	<0.000959	0.0500	0.0376	75	0.0402	80	71-135	7	20	mg/kg	03.30.16 13:59	
Bromomethane	<0.00246	0.0500	0.0547	109	0.0583	117	51-149	6	20	mg/kg	03.30.16 13:59	
Carbon disulfide	<0.00146	0.0500	0.0481	96	0.0491	98	57-151	2	20	mg/kg	03.30.16 13:59	
Carbon tetrachloride	<0.000742	0.0500	0.0417	83	0.0401	80	70-156	4	20	mg/kg	03.30.16 13:59	
Chlorobenzene	<0.000579	0.0500	0.0467	93	0.0476	95	76-131	2	20	mg/kg	03.30.16 13:59	
Chloroethane	<0.00245	0.0500	0.0520	104	0.0566	113	64-131	8	20	mg/kg	03.30.16 13:59	
Chloroform	<0.000741	0.0500	0.0465	93	0.0494	99	78-125	6	20	mg/kg	03.30.16 13:59	
Chloromethane	<0.00230	0.0500	0.0507	101	0.0554	111	59-127	9	20	mg/kg	03.30.16 13:59	
cis-1,2-Dichloroethene	<0.000662	0.0500	0.0486	97	0.0498	100	80-123	2	20	mg/kg	03.30.16 13:59	
cis-1,3-Dichloropropene	<0.000539	0.0500	0.0576	115	0.0587	117	81-123	2	20	mg/kg	03.30.16 13:59	
Dibromochloromethane	<0.000994	0.0500	0.0413	83	0.0407	81	81-136	1	20	mg/kg	03.30.16 13:59	
Dibromomethane	<0.000613	0.0500	0.0484	97	0.0484	97	79-128	0	20	mg/kg	03.30.16 13:59	
Dichlorodifluoromethane	<0.00118	0.0500	0.0604	121	0.0612	122	33-161	1	20	mg/kg	03.30.16 13:59	
Ethyl methacrylate	<0.000730	0.0500	0.0552	110	0.0564	113	72-126	2	20	mg/kg	03.30.16 13:59	
Ethylbenzene	<0.000565	0.0500	0.0491	98	0.0497	99	65-139	1	20	mg/kg	03.30.16 13:59	
Hexachlorobutadiene	<0.000852	0.0500	0.0543	109	0.0517	103	33-221	5	20	mg/kg	03.30.16 13:59	
Isopropylbenzene	<0.000759	0.0500	0.0485	97	0.0490	98	65-153	1	20	mg/kg	03.30.16 13:59	
m,p-Xylenes	<0.00121	0.100	0.0987	99	0.101	101	75-141	2	20	mg/kg	03.30.16 13:59	
Methyl tert-butyl ether	<0.000693	0.100	0.107	107	0.112	112	70-131	5	20	mg/kg	03.30.16 13:59	
Methylene chloride	<0.00217	0.0500	0.0494	99	0.0519	104	65-137	5	20	mg/kg	03.30.16 13:59	
Naphthalene	<0.00130	0.0500	0.0576	115	0.0599	120	68-151	4	20	mg/kg	03.30.16 13:59	
n-Butylbenzene	<0.000882	0.0500	0.0565	113	0.0558	112	43-199	1	20	mg/kg	03.30.16 13:59	

QC Summary 527416

Antea Group - Charlotte

GPM 3035

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 991418 Matrix: Solid Date Prep: 03.30.16

MB Sample Id: 707107-1-BLK LCS Sample Id: 707107-1-BKS LCSD Sample Id: 707107-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
n-Propylbenzene	<0.000782	0.0500	0.0513	103	0.0510	102	60-161	1	20	mg/kg	03.30.16 13:59	
Diethyl Ether (Ethyl Ether)	<0.00500	0.0500	0.0528	106	0.0519	104	50-145	2	20	mg/kg	03.30.16 13:59	
o-Xylene	<0.000716	0.0500	0.0477	95	0.0487	97	73-141	2	20	mg/kg	03.30.16 13:59	
p-Isopropyltoluene	<0.000800	0.0500	0.0508	102	0.0501	100	50-173	1	20	mg/kg	03.30.16 13:59	
sec-Butylbenzene	<0.000657	0.0500	0.0521	104	0.0515	103	44-179	1	20	mg/kg	03.30.16 13:59	
Styrene	<0.000742	0.0500	0.0505	101	0.0513	103	82-129	2	20	mg/kg	03.30.16 13:59	
tert-Butylbenzene	<0.000834	0.0500	0.0494	99	0.0499	100	56-163	1	20	mg/kg	03.30.16 13:59	
Tetrachloroethene	<0.00104	0.0500	0.0416	83	0.0394	79	78-144	5	20	mg/kg	03.30.16 13:59	
Toluene	<0.000588	0.0500	0.0494	99	0.0491	98	83-115	1	20	mg/kg	03.30.16 13:59	
trans-1,2-Dichloroethene	<0.000780	0.0500	0.0529	106	0.0529	106	72-132	0	20	mg/kg	03.30.16 13:59	
trans-1,3-Dichloropropene	<0.000670	0.0500	0.0473	95	0.0489	98	82-132	3	20	mg/kg	03.30.16 13:59	
Trichloroethene	<0.000707	0.0500	0.0466	93	0.0465	93	80-126	0	20	mg/kg	03.30.16 13:59	
Trichlorofluoromethane	<0.00351	0.0500	0.0404	81	0.0445	89	55-155	10	20	mg/kg	03.30.16 13:59	
Vinyl acetate	<0.000721	0.0500	0.0552	110	0.0572	114	57-146	4	20	mg/kg	03.30.16 13:59	
Vinyl chloride	<0.00201	0.0500	0.0559	112	0.0591	118	70-130	6	20	mg/kg	03.30.16 13:59	
Tetrahydrofuran	<0.00500	0.0500	0.0486	97	0.0551	110	51-157	13	20	mg/kg	03.30.16 13:59	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	104		93		94		50-150	%	03.30.16 13:59
4-Bromofluorobenzene	89		90		92		57-158	%	03.30.16 13:59
Toluene-D8	101		99		99		50-150	%	03.30.16 13:59

Antea Group - Charlotte

GPM 3035

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 991253 Matrix: Soil Date Prep: 03.28.16

Parent Sample Id: 527400-004 MS Sample Id: 527400-004 S MSD Sample Id: 527400-004 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1,2-Tetrachloroethane	<0.000598	0.0570	0.0446	78	0.0428	78	73-124	4	20	mg/kg	03.29.16 00:32	
1,1,1-Trichloroethane	<0.000858	0.0570	0.0403	71	0.0403	74	62-137	0	20	mg/kg	03.29.16 00:32	
1,1,2,2-Tetrachloroethane	<0.00135	0.0570	0.0504	88	0.0549	100	64-128	9	20	mg/kg	03.29.16 00:32	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00126	0.0570	0.0414	73	0.0380	69	33-177	9	20	mg/kg	03.29.16 00:32	
1,1,2-Trichloroethane	<0.000763	0.0570	0.0486	85	0.0484	88	61-130	0	20	mg/kg	03.29.16 00:32	
1,1-Dichloroethane	<0.000914	0.0570	0.0412	72	0.0389	71	65-136	6	20	mg/kg	03.29.16 00:32	
1,1-Dichloroethene	<0.00132	0.0570	0.0422	74	0.0393	72	33-158	7	20	mg/kg	03.29.16 00:32	
1,1-Dichloropropene	<0.000614	0.0570	0.0436	76	0.0440	80	42-152	1	20	mg/kg	03.29.16 00:32	
1,2,3-Trichlorobenzene	<0.000654	0.0570	0.0455	80	0.0462	84	48-135	2	20	mg/kg	03.29.16 00:32	
1,2,3-Trichloropropane	<0.00187	0.0570	0.0642	113	0.0609	111	58-134	5	20	mg/kg	03.29.16 00:32	
1,2,4-Trichlorobenzene	<0.000994	0.0570	0.0443	78	0.0444	81	43-139	0	20	mg/kg	03.29.16 00:32	
1,2,4-Trimethylbenzene	0.0150	0.0570	0.778	1339	0.315	548	66-134	85	20	mg/kg	03.29.16 00:32	XF
1,2-Dichloroethane	<0.000680	0.0570	0.0443	78	0.0433	79	53-140	2	20	mg/kg	03.29.16 00:32	
1,3,5-Trimethylbenzene	0.00487	0.0570	0.312	539	0.133	234	67-134	80	20	mg/kg	03.29.16 00:32	XF
1,3-Dichlorobenzene	<0.00114	0.0570	0.0411	72	0.0414	76	68-127	1	20	mg/kg	03.29.16 00:32	
1,3-Dichloropropane	<0.000784	0.0570	0.0516	91	0.0510	93	70-129	1	20	mg/kg	03.29.16 00:32	
1,4-Dichlorobenzene	<0.000779	0.0570	0.0404	71	0.0409	75	72-118	1	20	mg/kg	03.29.16 00:32	X
2,2-Dichloropropane	<0.000682	0.0570	0.0405	71	0.0389	71	68-151	4	20	mg/kg	03.29.16 00:32	
2-Chloroethyl vinyl ether	<0.000851	0.114	<0.000851	0	<0.000816	0	57-142	NC	20	mg/kg	03.29.16 00:32	X
2-Chlorotoluene	<0.000806	0.0570	0.140	246	0.0724	132	68-127	64	20	mg/kg	03.29.16 00:32	XF
2-Hexanone	<0.00129	0.114	0.133	117	0.126	116	32-142	5	20	mg/kg	03.29.16 00:32	
4-Chlorotoluene	<0.000630	0.0570	0.0406	71	0.0414	76	68-127	2	20	mg/kg	03.29.16 00:32	
4-Methyl-2-pentanone (MIBK)	<0.00368	0.114	0.142	125	0.133	122	34-149	7	20	mg/kg	03.29.16 00:32	
Acetone	0.0196	0.114	0.120	88	0.109	82	43-163	10	20	mg/kg	03.29.16 00:32	
Acrolein	<0.00506	0.114	0.0398	35	0.0332	30	17-152	18	20	mg/kg	03.29.16 00:32	
Acrylonitrile	<0.00569	0.114	0.103	90	0.0969	89	47-143	6	20	mg/kg	03.29.16 00:32	
Benzene	<0.000584	0.0570	0.0425	75	0.0420	77	65-135	1	20	mg/kg	03.29.16 00:32	
Bromobenzene	<0.000973	0.0570	0.0431	76	0.0443	81	67-121	3	20	mg/kg	03.29.16 00:32	
Bromochloromethane	<0.00115	0.0570	0.0528	93	0.0506	93	66-137	4	20	mg/kg	03.29.16 00:32	
Bromodichloromethane	<0.000571	0.0570	0.0477	84	0.0441	81	60-129	8	20	mg/kg	03.29.16 00:32	
Bromoform	<0.00109	0.0570	0.0465	82	0.0478	87	48-147	3	20	mg/kg	03.29.16 00:32	
Bromomethane	<0.00280	0.0570	0.0358	63	0.0353	65	42-170	1	20	mg/kg	03.29.16 00:32	
Carbon disulfide	<0.00166	0.0570	0.0426	75	0.0392	72	40-147	8	20	mg/kg	03.29.16 00:32	
Carbon tetrachloride	<0.000845	0.0570	0.0408	72	0.0397	73	71-117	3	20	mg/kg	03.29.16 00:32	
Chlorobenzene	<0.000660	0.0570	0.0433	76	0.0426	78	71-117	2	20	mg/kg	03.29.16 00:32	
Chloroethane	<0.00279	0.0570	0.0145	25	0.0140	26	44-166	4	20	mg/kg	03.29.16 00:32	X
Chloroform	<0.000844	0.0570	0.0430	75	0.0421	77	62-127	2	20	mg/kg	03.29.16 00:32	
Chloromethane	<0.00262	0.0570	0.0410	72	0.0386	71	34-157	6	20	mg/kg	03.29.16 00:32	
cis-1,2-Dichloroethene	<0.000754	0.0570	0.0487	85	0.0466	85	41-155	4	20	mg/kg	03.29.16 00:32	
cis-1,3-Dichloropropene	<0.000614	0.0570	0.0418	73	0.0416	76	63-128	0	20	mg/kg	03.29.16 00:32	
Dibromochloromethane	<0.00113	0.0570	0.0476	84	0.0472	86	59-135	1	20	mg/kg	03.29.16 00:32	
Dibromomethane	<0.000698	0.0570	0.0502	88	0.0490	90	62-132	2	20	mg/kg	03.29.16 00:32	
Dichlorodifluoromethane	<0.00134	0.0570	0.0356	62	0.0331	61	16-171	7	20	mg/kg	03.29.16 00:32	
Ethyl methacrylate	<0.000832	0.0570	0.0563	99	0.0535	98	45-130	5	20	mg/kg	03.29.16 00:32	
Ethylbenzene	0.0102	0.0570	0.105	166	0.0807	129	65-139	26	20	mg/kg	03.29.16 00:32	XF
Hexachlorobutadiene	<0.000971	0.0570	0.0354	62	0.0376	69	48-143	6	20	mg/kg	03.29.16 00:32	
Isopropylbenzene	<0.000865	0.0570	0.0804	141	0.0553	101	62-133	37	20	mg/kg	03.29.16 00:32	XF
m,p-Xylenes	0.0454	0.114	0.426	334	0.296	230	69-130	36	20	mg/kg	03.29.16 00:32	XF
Methyl tert-butyl ether	<0.000789	0.114	0.0889	78	0.0875	80	48-169	2	20	mg/kg	03.29.16 00:32	
Methylene chloride	0.00266	0.0570	0.0528	88	0.0486	84	17-184	8	20	mg/kg	03.29.16 00:32	
Naphthalene	0.00616	0.0570	0.158	266	0.120	208	27-157	27	20	mg/kg	03.29.16 00:32	XF
n-Butylbenzene	0.00110	0.0570	0.130	226	0.0596	107	59-136	74	20	mg/kg	03.29.16 00:32	XF

QC Summary 527416

Antea Group - Charlotte

GPM 3035

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 991253 Matrix: Soil Date Prep: 03.28.16

Parent Sample Id: 527400-004 MS Sample Id: 527400-004 S MSD Sample Id: 527400-004 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
n-Propylbenzene	0.00333	0.0570	0.174	299	0.0736	128	67-134	81	20	mg/kg	03.29.16 00:32	XF
Diethyl Ether (Ethyl Ether)	<0.00570	0.0570	0.0447	78	0.0415	76	61-134	7	20	mg/kg	03.29.16 00:32	
o-Xylene	0.0150	0.0570	0.212	346	0.156	258	71-124	30	20	mg/kg	03.29.16 00:32	XF
p-Isopropyltoluene	<0.000911	0.0570	0.0693	122	0.0487	89	64-135	35	20	mg/kg	03.29.16 00:32	F
sec-Butylbenzene	<0.000748	0.0570	0.0692	121	0.0473	86	65-131	38	20	mg/kg	03.29.16 00:32	F
Styrene	<0.000845	0.0570	0.0427	75	0.0412	75	50-143	4	20	mg/kg	03.29.16 00:32	
tert-Butylbenzene	<0.000950	0.0570	0.0453	79	0.0444	81	67-131	2	20	mg/kg	03.29.16 00:32	
Tetrachloroethene	<0.00118	0.0570	0.0482	85	0.0458	84	42-156	5	20	mg/kg	03.29.16 00:32	
Toluene	0.0194	0.0570	0.0507	55	0.0628	79	13-188	21	20	mg/kg	03.29.16 00:32	F
trans-1,2-Dichloroethene	<0.000889	0.0570	0.0418	73	0.0388	71	57-143	7	20	mg/kg	03.29.16 00:32	
trans-1,3-Dichloropropene	<0.000763	0.0570	0.0403	71	0.0402	73	55-141	0	20	mg/kg	03.29.16 00:32	
Trichloroethene	<0.000805	0.0570	0.0440	77	0.0419	77	39-150	5	20	mg/kg	03.29.16 00:32	
Trichlorofluoromethane	<0.00400	0.0570	0.0385	68	0.0340	62	34-179	12	20	mg/kg	03.29.16 00:32	
Vinyl acetate	<0.000821	0.0570	0.0140	25	0.0122	22	13-188	14	20	mg/kg	03.29.16 00:32	
Vinyl chloride	<0.00229	0.0570	0.0431	76	0.0413	76	40-161	4	20	mg/kg	03.29.16 00:32	
Tetrahydrofuran	<0.00570	0.0570	0.0620	109	0.0655	120	51-157	5	20	mg/kg	03.29.16 00:32	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	98		95		50-150	%	03.29.16 00:32
4-Bromofluorobenzene	108		106		57-158	%	03.29.16 00:32
Toluene-D8	94		96		50-150	%	03.29.16 00:32

Antea Group - Charlotte

GPM 3035

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 991381 Matrix: Soil Date Prep: 03.29.16

Parent Sample Id: 527416-006 MS Sample Id: 527416-006 S MSD Sample Id: 527416-006 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1,2-Tetrachloroethane	<0.000576	0.0549	0.0447	81	0.0462	84	73-124	3	20	mg/kg	03.29.16 22:18	
1,1,1-Trichloroethane	<0.000827	0.0549	0.0428	78	0.0426	78	62-137	0	20	mg/kg	03.29.16 22:18	
1,1,2,2-Tetrachloroethane	<0.00130	0.0549	0.0564	103	0.0578	105	64-128	2	20	mg/kg	03.29.16 22:18	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00122	0.0549	0.0427	78	0.0406	74	33-177	5	20	mg/kg	03.29.16 22:18	
1,1,2-Trichloroethane	<0.000735	0.0549	0.0479	87	0.0491	89	61-130	2	20	mg/kg	03.29.16 22:18	
1,1-Dichloroethane	<0.000880	0.0549	0.0396	72	0.0401	73	65-136	1	20	mg/kg	03.29.16 22:18	
1,1-Dichloroethene	<0.00127	0.0549	0.0404	74	0.0407	74	33-158	1	20	mg/kg	03.29.16 22:18	
1,1-Dichloropropene	<0.000592	0.0549	0.0444	81	0.0435	79	42-152	2	20	mg/kg	03.29.16 22:18	
1,2,3-Trichlorobenzene	<0.000630	0.0549	0.0512	93	0.0502	91	48-135	2	20	mg/kg	03.29.16 22:18	
1,2,3-Trichloropropane	<0.00181	0.0549	0.0568	103	0.0583	106	58-134	3	20	mg/kg	03.29.16 22:18	
1,2,4-Trichlorobenzene	<0.000958	0.0549	0.0445	81	0.0430	78	43-139	3	20	mg/kg	03.29.16 22:18	
1,2,4-Trimethylbenzene	<0.000790	0.0549	0.0446	81	0.0432	79	66-134	3	20	mg/kg	03.29.16 22:18	
1,2-Dichloroethane	<0.000655	0.0549	0.0413	75	0.0422	77	53-140	2	20	mg/kg	03.29.16 22:18	
1,3,5-Trimethylbenzene	<0.000894	0.0549	0.0452	82	0.0435	79	67-134	4	20	mg/kg	03.29.16 22:18	
1,3-Dichlorobenzene	<0.00109	0.0549	0.0453	83	0.0439	80	68-127	3	20	mg/kg	03.29.16 22:18	
1,3-Dichloropropane	<0.000755	0.0549	0.0485	88	0.0506	92	70-129	4	20	mg/kg	03.29.16 22:18	
1,4-Dichlorobenzene	<0.000751	0.0549	0.0445	81	0.0430	78	72-118	3	20	mg/kg	03.29.16 22:18	
2,2-Dichloropropane	<0.000658	0.0549	0.0409	74	0.0420	77	68-151	3	20	mg/kg	03.29.16 22:18	
2-Chloroethyl vinyl ether	<0.000820	0.110	<0.000820	0	<0.000820	0	57-142	NC	20	mg/kg	03.29.16 22:18	X
2-Chlorotoluene	<0.000777	0.0549	0.0440	80	0.0428	78	68-127	3	20	mg/kg	03.29.16 22:18	
2-Hexanone	<0.00124	0.110	0.113	103	0.123	112	32-142	8	20	mg/kg	03.29.16 22:18	
4-Chlorotoluene	<0.000607	0.0549	0.0447	81	0.0429	78	68-127	4	20	mg/kg	03.29.16 22:18	
4-Methyl-2-pentanone (MIBK)	<0.00355	0.110	0.126	115	0.132	120	34-149	5	20	mg/kg	03.29.16 22:18	
Acetone	0.0193	0.110	0.110	82	0.113	85	43-163	3	20	mg/kg	03.29.16 22:18	
Acrolein	<0.00488	0.110	0.0594	54	0.0532	48	17-152	11	20	mg/kg	03.29.16 22:18	
Acrylonitrile	<0.00548	0.110	0.0965	88	0.0963	88	47-143	0	20	mg/kg	03.29.16 22:18	
Benzene	<0.000563	0.0549	0.0413	75	0.0416	76	65-135	1	20	mg/kg	03.29.16 22:18	
Bromobenzene	<0.000937	0.0549	0.0447	81	0.0442	81	67-121	1	20	mg/kg	03.29.16 22:18	
Bromochloromethane	<0.00110	0.0549	0.0492	90	0.0512	93	66-137	4	20	mg/kg	03.29.16 22:18	
Bromodichloromethane	<0.000550	0.0549	0.0434	79	0.0446	81	60-129	3	20	mg/kg	03.29.16 22:18	
Bromoform	<0.00105	0.0549	0.0485	88	0.0508	93	48-147	5	20	mg/kg	03.29.16 22:18	
Bromomethane	<0.00270	0.0549	0.0341	62	0.0385	70	42-170	12	20	mg/kg	03.29.16 22:18	
Carbon disulfide	<0.00160	0.0549	0.0436	79	0.0437	80	40-147	0	20	mg/kg	03.29.16 22:18	
Carbon tetrachloride	<0.000814	0.0549	0.0443	81	0.0434	79	71-117	2	20	mg/kg	03.29.16 22:18	
Chlorobenzene	<0.000636	0.0549	0.0442	81	0.0441	80	71-117	0	20	mg/kg	03.29.16 22:18	
Chloroethane	<0.00268	0.0549	0.0341	62	0.0283	52	44-166	19	20	mg/kg	03.29.16 22:18	
Chloroform	<0.000813	0.0549	0.0433	79	0.0431	79	62-127	0	20	mg/kg	03.29.16 22:18	
Chloromethane	<0.00253	0.0549	0.0380	69	0.0392	71	34-157	3	20	mg/kg	03.29.16 22:18	
cis-1,2-Dichloroethene	<0.000727	0.0549	0.0460	84	0.0469	85	41-155	2	20	mg/kg	03.29.16 22:18	
cis-1,3-Dichloropropene	<0.000592	0.0549	0.0395	72	0.0404	74	63-128	2	20	mg/kg	03.29.16 22:18	
Dibromochloromethane	<0.00109	0.0549	0.0477	87	0.0505	92	59-135	6	20	mg/kg	03.29.16 22:18	
Dibromomethane	<0.000673	0.0549	0.0474	86	0.0498	91	62-132	5	20	mg/kg	03.29.16 22:18	
Dichlorodifluoromethane	<0.00130	0.0549	0.0383	70	0.0371	68	16-171	3	20	mg/kg	03.29.16 22:18	
Ethyl methacrylate	<0.000801	0.0549	0.0488	89	0.0514	94	45-130	5	20	mg/kg	03.29.16 22:18	
Ethylbenzene	<0.000620	0.0549	0.0435	79	0.0432	79	65-139	1	20	mg/kg	03.29.16 22:18	
Hexachlorobutadiene	<0.000935	0.0549	0.0461	84	0.0430	78	48-143	7	20	mg/kg	03.29.16 22:18	
Isopropylbenzene	<0.000833	0.0549	0.0462	84	0.0447	81	62-133	3	20	mg/kg	03.29.16 22:18	
m,p-Xylenes	<0.00133	0.110	0.0897	82	0.0889	81	69-130	1	20	mg/kg	03.29.16 22:18	
Methyl tert-butyl ether	<0.000761	0.110	0.0807	73	0.0851	77	48-169	5	20	mg/kg	03.29.16 22:18	
Methylene chloride	<0.00238	0.0549	0.0569	104	0.0590	107	17-184	4	20	mg/kg	03.29.16 22:18	
Naphthalene	<0.00143	0.0549	0.0479	87	0.0495	90	27-157	3	20	mg/kg	03.29.16 22:18	
n-Butylbenzene	<0.000968	0.0549	0.0458	83	0.0428	78	59-136	7	20	mg/kg	03.29.16 22:18	

QC Summary 527416

Antea Group - Charlotte

GPM 3035

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 991381 Matrix: Soil Date Prep: 03.29.16

Parent Sample Id: 527416-006 MS Sample Id: 527416-006 S MSD Sample Id: 527416-006 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
n-Propylbenzene	<0.000858	0.0549	0.0453	83	0.0432	79	67-134	5	20	mg/kg	03.29.16 22:18	
Diethyl Ether (Ethyl Ether)	<0.00549	0.0549	0.0395	72	0.0414	75	61-134	5	20	mg/kg	03.29.16 22:18	
o-Xylene	<0.000786	0.0549	0.0445	81	0.0446	81	71-124	0	20	mg/kg	03.29.16 22:18	
p-Isopropyltoluene	<0.000878	0.0549	0.0467	85	0.0438	80	64-135	6	20	mg/kg	03.29.16 22:18	
sec-Butylbenzene	<0.000721	0.0549	0.0455	83	0.0435	79	65-131	4	20	mg/kg	03.29.16 22:18	
Styrene	<0.000814	0.0549	0.0421	77	0.0421	77	50-143	0	20	mg/kg	03.29.16 22:18	
tert-Butylbenzene	<0.000915	0.0549	0.0462	84	0.0447	81	67-131	3	20	mg/kg	03.29.16 22:18	
Tetrachloroethene	<0.00114	0.0549	0.0437	80	0.0427	78	42-156	2	20	mg/kg	03.29.16 22:18	
Toluene	0.00171	0.0549	0.0421	74	0.0421	74	13-188	0	20	mg/kg	03.29.16 22:18	
trans-1,2-Dichloroethene	<0.000856	0.0549	0.0407	74	0.0404	74	57-143	1	20	mg/kg	03.29.16 22:18	
trans-1,3-Dichloropropene	<0.000735	0.0549	0.0404	74	0.0417	76	55-141	3	20	mg/kg	03.29.16 22:18	
Trichloroethene	<0.000776	0.0549	0.0430	78	0.0424	77	39-150	1	20	mg/kg	03.29.16 22:18	
Trichlorofluoromethane	<0.00386	0.0549	0.0391	71	0.0377	69	34-179	4	20	mg/kg	03.29.16 22:18	
Vinyl acetate	<0.000791	0.0549	0.0226	41	0.0210	38	13-188	7	20	mg/kg	03.29.16 22:18	
Vinyl chloride	<0.00221	0.0549	0.0396	72	0.0404	74	40-161	2	20	mg/kg	03.29.16 22:18	
Tetrahydrofuran	<0.00549	0.0549	0.0568	103	0.0602	110	51-157	6	20	mg/kg	03.29.16 22:18	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	98		102		50-150	%	03.29.16 22:18
4-Bromofluorobenzene	98		98		57-158	%	03.29.16 22:18
Toluene-D8	94		94		50-150	%	03.29.16 22:18

Antea Group - Charlotte

GPM 3035

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 991408 Matrix: Soil Date Prep: 03.30.16

Parent Sample Id: 527412-005 MS Sample Id: 527412-005 S MSD Sample Id: 527412-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1,2-Tetrachloroethane	<0.000569	0.0542	0.0308	57	0.0400	74	73-124	26	20	mg/kg	03.30.16 22:57	XF
1,1,1-Trichloroethane	<0.000816	0.0542	0.0371	68	0.0423	78	62-137	13	20	mg/kg	03.30.16 22:57	
1,1,2,2-Tetrachloroethane	<0.00129	0.0542	0.0396	73	0.0504	93	64-128	24	20	mg/kg	03.30.16 22:57	F
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00120	0.0542	0.0377	70	0.0371	68	33-177	2	20	mg/kg	03.30.16 22:57	
1,1,2-Trichloroethane	<0.000726	0.0542	0.0359	66	0.0452	83	61-130	23	20	mg/kg	03.30.16 22:57	F
1,1-Dichloroethane	<0.000869	0.0542	0.0327	60	0.0351	65	65-136	7	20	mg/kg	03.30.16 22:57	X
1,1-Dichloroethene	<0.00126	0.0542	0.0357	66	0.0375	69	33-158	5	20	mg/kg	03.30.16 22:57	
1,1-Dichloropropene	<0.000584	0.0542	0.0422	78	0.0477	88	42-152	12	20	mg/kg	03.30.16 22:57	
1,2,3-Trichlorobenzene	<0.000622	0.0542	0.0271	50	0.0399	74	48-135	38	20	mg/kg	03.30.16 22:57	F
1,2,3-Trichloropropane	<0.00178	0.0542	0.0426	79	0.0515	95	58-134	19	20	mg/kg	03.30.16 22:57	
1,2,4-Trichlorobenzene	<0.000946	0.0542	0.0275	51	0.0392	72	43-139	35	20	mg/kg	03.30.16 22:57	F
1,2,4-Trimethylbenzene	<0.000780	0.0542	0.108	199	0.0727	134	66-134	39	20	mg/kg	03.30.16 22:57	XF
1,2-Dichloroethane	<0.000647	0.0542	0.0337	62	0.0397	73	53-140	16	20	mg/kg	03.30.16 22:57	
1,3,5-Trimethylbenzene	<0.000882	0.0542	0.0511	94	0.0502	93	67-134	2	20	mg/kg	03.30.16 22:57	
1,3-Dichlorobenzene	<0.00108	0.0542	0.0285	53	0.0389	72	68-127	31	20	mg/kg	03.30.16 22:57	XF
1,3-Dichloropropane	<0.000745	0.0542	0.0380	70	0.0457	84	70-129	18	20	mg/kg	03.30.16 22:57	
1,4-Dichlorobenzene	<0.000741	0.0542	0.0283	52	0.0389	72	72-118	32	20	mg/kg	03.30.16 22:57	XF
2,2-Dichloropropane	<0.000649	0.0542	0.0374	69	0.0397	73	68-151	6	20	mg/kg	03.30.16 22:57	
2-Chloroethyl vinyl ether	<0.000809	0.108	<0.000809	0	<0.000809	0	57-142	NC	20	mg/kg	03.30.16 22:57	X
2-Chlorotoluene	<0.000767	0.0542	0.0400	74	0.0449	83	68-127	12	20	mg/kg	03.30.16 22:57	
2-Hexanone	<0.00122	0.108	0.0781	72	0.0982	91	32-142	23	20	mg/kg	03.30.16 22:57	F
4-Chlorotoluene	<0.000599	0.0542	0.0302	56	0.0407	75	68-127	30	20	mg/kg	03.30.16 22:57	XF
4-Methyl-2-pentanone (MIBK)	<0.00350	0.108	0.102	94	0.123	114	34-149	19	20	mg/kg	03.30.16 22:57	
Acetone	0.0322	0.108	0.0863	50	0.101	64	43-163	16	20	mg/kg	03.30.16 22:57	
Acrolein	<0.00481	0.108	0.0515	48	0.0495	46	17-152	4	20	mg/kg	03.30.16 22:57	
Acrylonitrile	<0.00541	0.108	0.0767	71	0.0823	76	47-143	7	20	mg/kg	03.30.16 22:57	
Benzene	<0.000556	0.0542	0.0360	66	0.0427	79	65-135	17	20	mg/kg	03.30.16 22:57	
Bromobenzene	<0.000925	0.0542	0.0316	58	0.0405	75	67-121	25	20	mg/kg	03.30.16 22:57	XF
Bromochloromethane	<0.00109	0.0542	0.0367	68	0.0412	76	66-137	12	20	mg/kg	03.30.16 22:57	
Bromodichloromethane	<0.000543	0.0542	0.0303	56	0.0376	69	60-129	22	20	mg/kg	03.30.16 22:57	XF
Bromoform	<0.00104	0.0542	0.0313	58	0.0381	70	48-147	20	20	mg/kg	03.30.16 22:57	
Bromomethane	<0.00266	0.0542	0.0287	53	0.0332	61	42-170	15	20	mg/kg	03.30.16 22:57	
Carbon disulfide	0.00180	0.0542	0.0346	61	0.0376	66	40-147	8	20	mg/kg	03.30.16 22:57	
Carbon tetrachloride	<0.000804	0.0542	0.0339	63	0.0379	70	71-117	11	20	mg/kg	03.30.16 22:57	X
Chlorobenzene	<0.000627	0.0542	0.0326	60	0.0415	77	71-117	24	20	mg/kg	03.30.16 22:57	XF
Chloroethane	<0.00265	0.0542	0.0133	25	0.0147	27	44-166	10	20	mg/kg	03.30.16 22:57	X
Chloroform	<0.000803	0.0542	0.0346	64	0.0398	73	62-127	14	20	mg/kg	03.30.16 22:57	
Chloromethane	<0.00250	0.0542	0.0322	59	0.0352	65	34-157	9	20	mg/kg	03.30.16 22:57	
cis-1,2-Dichloroethene	<0.000717	0.0542	0.0370	68	0.0429	79	41-155	15	20	mg/kg	03.30.16 22:57	
cis-1,3-Dichloropropene	<0.000584	0.0542	0.0324	60	0.0398	73	63-128	20	20	mg/kg	03.30.16 22:57	X
Dibromochloromethane	<0.00108	0.0542	0.0300	55	0.0382	70	59-135	24	20	mg/kg	03.30.16 22:57	XF
Dibromomethane	<0.000664	0.0542	0.0363	67	0.0446	82	62-132	21	20	mg/kg	03.30.16 22:57	F
Dichlorodifluoromethane	<0.00128	0.0542	0.0334	62	0.0305	56	16-171	9	20	mg/kg	03.30.16 22:57	
Ethyl methacrylate	<0.000791	0.0542	0.0417	77	0.0502	93	45-130	18	20	mg/kg	03.30.16 22:57	
Ethylbenzene	<0.000612	0.0542	0.0403	74	0.0448	83	65-139	11	20	mg/kg	03.30.16 22:57	
Hexachlorobutadiene	<0.000923	0.0542	0.0209	39	0.0339	63	48-143	47	20	mg/kg	03.30.16 22:57	XF
Isopropylbenzene	<0.000822	0.0542	0.0369	68	0.0466	86	62-133	23	20	mg/kg	03.30.16 22:57	F
m,p-Xylenes	<0.00131	0.108	0.104	96	0.0989	92	69-130	5	20	mg/kg	03.30.16 22:57	
Methyl tert-butyl ether	<0.000751	0.108	0.0687	64	0.0798	74	48-169	15	20	mg/kg	03.30.16 22:57	
Methylene chloride	0.00272	0.0542	0.0473	82	0.0526	92	17-184	11	20	mg/kg	03.30.16 22:57	
Naphthalene	0.00455	0.0542	0.0719	124	0.0564	96	27-157	24	20	mg/kg	03.30.16 22:57	F
n-Butylbenzene	<0.000956	0.0542	0.0325	60	0.0425	78	59-136	27	20	mg/kg	03.30.16 22:57	F

Antea Group - Charlotte

GPM 3035

Analytical Method: VOCs by SW-846 8260B | Prep Method: SW5035A

Seq Number: 991408 | Matrix: Soil | Date Prep: 03.30.16

Parent Sample Id: 527412-005 | MS Sample Id: 527412-005 S | MSD Sample Id: 527412-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
n-Propylbenzene	<0.000847	0.0542	0.0413	76	0.0461	85	67-134	11	20	mg/kg	03.30.16 22:57	
Diethyl Ether (Ethyl Ether)	<0.00542	0.0542	0.0313	58	0.0361	67	61-134	14	20	mg/kg	03.30.16 22:57	X
o-Xylene	<0.000776	0.0542	0.0515	95	0.0510	94	71-124	1	20	mg/kg	03.30.16 22:57	
p-Isopropyltoluene	<0.000867	0.0542	0.0319	59	0.0435	80	64-135	31	20	mg/kg	03.30.16 22:57	XF
sec-Butylbenzene	<0.000712	0.0542	0.0302	56	0.0418	77	65-131	32	20	mg/kg	03.30.16 22:57	XF
Styrene	<0.000804	0.0542	0.0299	55	0.0391	72	50-143	27	20	mg/kg	03.30.16 22:57	F
tert-Butylbenzene	<0.000904	0.0542	0.0317	58	0.0436	80	67-131	32	20	mg/kg	03.30.16 22:57	XF
Tetrachloroethene	<0.00112	0.0542	0.0340	63	0.0419	77	42-156	21	20	mg/kg	03.30.16 22:57	F
Toluene	<0.000637	0.0542	0.0384	71	0.0428	79	13-188	11	20	mg/kg	03.30.16 22:57	
trans-1,2-Dichloroethene	<0.000845	0.0542	0.0335	62	0.0365	67	57-143	9	20	mg/kg	03.30.16 22:57	
trans-1,3-Dichloropropene	<0.000726	0.0542	0.0298	55	0.0365	67	55-141	20	20	mg/kg	03.30.16 22:57	
Trichloroethene	<0.000766	0.0542	0.0353	65	0.0419	77	39-150	17	20	mg/kg	03.30.16 22:57	
Trichlorofluoromethane	<0.00381	0.0542	0.0327	60	0.0326	60	34-179	0	20	mg/kg	03.30.16 22:57	
Vinyl acetate	<0.000781	0.0542	0.0176	32	0.0167	31	13-188	5	20	mg/kg	03.30.16 22:57	
Vinyl chloride	<0.00218	0.0542	0.0388	72	0.0399	74	40-161	3	20	mg/kg	03.30.16 22:57	
Tetrahydrofuran	<0.00542	0.0542	0.0547	101	0.0661	122	51-157	19	20	mg/kg	03.30.16 22:57	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	95		91		50-150	%	03.30.16 22:57
4-Bromofluorobenzene	105		104		57-158	%	03.30.16 22:57
Toluene-D8	99		100		50-150	%	03.30.16 22:57

Analytical Method: VPH by MADEP Method | Prep Method: SW5030B

Seq Number: 991268 | Matrix: Solid | Date Prep: 03.26.16

MB Sample Id: 707008-1-BLK | LCS Sample Id: 707008-1-BKS | LCSD Sample Id: 707008-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
C5-C8 Aliphatic (Unadj.)	<0.0750	0.150	0.174	116	0.154	103	70-130	12	25	mg/kg	03.26.16 14:42	
C9-C12 Aliphatic (Unadj.)	<0.0750	0.150	0.167	111	0.164	109	70-130	2	25	mg/kg	03.26.16 14:42	
C9-C10 Aromatic (Unadj.)	<0.0250	0.0500	0.0541	108	0.0546	109	70-130	1	25	mg/kg	03.26.16 14:42	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
2,5-Dibromotoluene	85		126		105		70-130	%	03.26.16 14:42
2,5-Dibromotoluene (PID)	90		106		101		70-130	%	03.26.16 14:42

Antea Group - Charlotte

GPM 3035

Analytical Method: VPH by MADEP Method — Prep Method: SW5030B
Seq Number: 991394 — Matrix: Solid — Date Prep: 03.27.16
MB Sample Id: 707086-1-BLK — LCS Sample Id: 707086-1-BKS — LCSD Sample Id: 707086-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
C5-C8 Aliphatic (Unadj.)	<0.0750	0.150	0.175	117	0.165	110	70-130	6	25	mg/kg	03.27.16 18:49	
C9-C12 Aliphatic (Unadj.)	<0.0750	0.150	0.179	119	0.165	110	70-130	8	25	mg/kg	03.27.16 18:49	
C9-C10 Aromatic (Unadj.)	<0.0250	0.0500	0.0531	106	0.0541	108	70-130	2	25	mg/kg	03.27.16 18:49	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
2,5-Dibromotoluene	81		115		100		70-130	%	03.27.16 18:49
2,5-Dibromotoluene (PID)	90		104		100		70-130	%	03.27.16 18:49

Analytical Method: VPH by MADEP Method — Prep Method: SW5030B
Seq Number: 991268 — Matrix: Soil — Date Prep: 03.26.16
Parent Sample Id: 527400-001 — MS Sample Id: 527400-001 S — MSD Sample Id: 527400-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
C5-C8 Aliphatic (Unadj.)	<4.21	8.42	8.33	99	8.02	95	70-130	4	25	mg/kg	03.27.16 09:26	
C9-C12 Aliphatic (Unadj.)	<4.21	8.42	9.75	116	8.32	99	70-130	16	25	mg/kg	03.27.16 09:26	
C9-C10 Aromatic (Unadj.)	<1.40	2.81	2.96	105	2.80	100	70-130	6	25	mg/kg	03.27.16 09:26	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
2,5-Dibromotoluene	83		88		70-130	%	03.27.16 09:26
2,5-Dibromotoluene (PID)	95		100		70-130	%	03.27.16 09:26

Analytical Method: VPH by MADEP Method — Prep Method: SW5030B
Seq Number: 991394 — Matrix: Soil — Date Prep: 03.27.16
Parent Sample Id: 527416-008 — MS Sample Id: 527416-008 S

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
C5-C8 Aliphatic (Unadj.)	<5.49	11.0	9.56	87	70-130	mg/kg	03.28.16 11:38	
C9-C12 Aliphatic (Unadj.)	<5.49	11.0	11.9	108	70-130	mg/kg	03.28.16 11:38	
C9-C10 Aromatic (Unadj.)	<1.83	3.66	4.89	134	70-130	mg/kg	03.28.16 11:38	X

Surrogate	MS %Rec	MS Flag	Limits	Units	Analysis Date
2,5-Dibromotoluene	101		70-130	%	03.28.16 11:38
2,5-Dibromotoluene (PID)	103		70-130	%	03.28.16 11:38

Blank Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **706993-1-BLK** Matrix: SOLID

Lab Sample Id: **706993-1-BLK**

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE

Analyst: ZHO Date Prep: 03.28.16 12:08

Seq Number: 991253

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.00500	0.000525	mg/kg	03.28.16 15:40	U	1
1,1,1-Trichloroethane	71-55-6	U	0.00500	0.000753	mg/kg	03.28.16 15:40	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.00500	0.00119	mg/kg	03.28.16 15:40	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	0.00500	0.00111	mg/kg	03.28.16 15:40	U	1
1,1,2-Trichloroethane	79-00-5	U	0.00500	0.000670	mg/kg	03.28.16 15:40	U	1
1,1-Dichloroethane	75-34-3	U	0.00500	0.000802	mg/kg	03.28.16 15:40	U	1
1,1-Dichloroethene	75-35-4	U	0.00500	0.00116	mg/kg	03.28.16 15:40	U	1
1,1-Dichloropropene	563-58-6	U	0.00500	0.000539	mg/kg	03.28.16 15:40	U	1
1,2,3-Trichlorobenzene	87-61-6	U	0.00500	0.000574	mg/kg	03.28.16 15:40	U	1
1,2,3-Trichloropropane	96-18-4	U	0.00500	0.00165	mg/kg	03.28.16 15:40	U	1
1,2,4-Trichlorobenzene	120-82-1	U	0.00500	0.000873	mg/kg	03.28.16 15:40	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.00500	0.000720	mg/kg	03.28.16 15:40	U	1
1,2-Dichloroethane	107-06-2	U	0.00500	0.000597	mg/kg	03.28.16 15:40	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.00500	0.000814	mg/kg	03.28.16 15:40	U	1
1,3-Dichlorobenzene	541-73-1	U	0.00500	0.000997	mg/kg	03.28.16 15:40	U	1
1,3-Dichloropropane	142-28-9	U	0.00500	0.000688	mg/kg	03.28.16 15:40	U	1
1,4-Dichlorobenzene	106-46-7	U	0.00500	0.000684	mg/kg	03.28.16 15:40	U	1
2,2-Dichloropropane	594-20-7	U	0.00500	0.000599	mg/kg	03.28.16 15:40	U	1
2-Chloroethyl vinyl ether	110-75-8	U	0.0100	0.000747	mg/kg	03.28.16 15:40	U	1
2-Chlorotoluene	95-49-8	U	0.00500	0.000708	mg/kg	03.28.16 15:40	U	1
2-Hexanone	591-78-6	U	0.0100	0.00113	mg/kg	03.28.16 15:40	U	1
4-Chlorotoluene	106-43-4	U	0.00500	0.000553	mg/kg	03.28.16 15:40	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.0100	0.00323	mg/kg	03.28.16 15:40	U	1
Acetone	67-64-1	U	0.0500	0.00688	mg/kg	03.28.16 15:40	U	1
Acrolein	107-02-8	U	0.0100	0.00444	mg/kg	03.28.16 15:40	U	1
Acrylonitrile	107-13-1	U	0.0100	0.00499	mg/kg	03.28.16 15:40	U	1
Benzene	71-43-2	U	0.00500	0.000513	mg/kg	03.28.16 15:40	U	1
Bromobenzene	108-86-1	U	0.00500	0.000854	mg/kg	03.28.16 15:40	U	1
Bromochloromethane	74-97-5	U	0.00500	0.00101	mg/kg	03.28.16 15:40	U	1
Bromodichloromethane	75-27-4	U	0.00500	0.000501	mg/kg	03.28.16 15:40	U	1
Bromoform	75-25-2	U	0.00500	0.000959	mg/kg	03.28.16 15:40	U	1
Bromomethane	74-83-9	U	0.00500	0.00246	mg/kg	03.28.16 15:40	U	1
Carbon disulfide	75-15-0	U	0.00500	0.00146	mg/kg	03.28.16 15:40	U	1
Carbon tetrachloride	56-23-5	U	0.00500	0.000742	mg/kg	03.28.16 15:40	U	1
Chlorobenzene	108-90-7	U	0.00500	0.000579	mg/kg	03.28.16 15:40	U	1
Chloroethane	75-00-3	U	0.00500	0.00245	mg/kg	03.28.16 15:40	U	1
Chloroform	67-66-3	U	0.00500	0.000741	mg/kg	03.28.16 15:40	U	1
Chloromethane	74-87-3	U	0.00500	0.00230	mg/kg	03.28.16 15:40	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.00500	0.000662	mg/kg	03.28.16 15:40	U	1
cis-1,3-Dichloropropene	10061-01-5	U	0.00500	0.000539	mg/kg	03.28.16 15:40	U	1

Blank Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **706993-1-BLK** Matrix: SOLID

Lab Sample Id: **706993-1-BLK**

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE

Analyst: ZHO Date Prep: 03.28.16 12:08

Seq Number: 991253

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Dibromochloromethane	124-48-1	U	0.00500	0.000994	mg/kg	03.28.16 15:40	U	1
Dibromomethane	74-95-3	U	0.00500	0.000613	mg/kg	03.28.16 15:40	U	1
Dichlorodifluoromethane	75-71-8	U	0.00500	0.00118	mg/kg	03.28.16 15:40	U	1
Ethyl methacrylate	97-63-2	U	0.00500	0.000730	mg/kg	03.28.16 15:40	U	1
Ethylbenzene	100-41-4	U	0.00500	0.000565	mg/kg	03.28.16 15:40	U	1
Hexachlorobutadiene	87-68-3	U	0.00500	0.000852	mg/kg	03.28.16 15:40	U	1
Isopropylbenzene	98-82-8	U	0.00500	0.000759	mg/kg	03.28.16 15:40	U	1
m,p-Xylenes	179601-23-1	U	0.0100	0.00121	mg/kg	03.28.16 15:40	U	1
Methyl tert-butyl ether	1634-04-4	U	0.0100	0.000693	mg/kg	03.28.16 15:40	U	1
Methylene chloride	75-09-2	0.00528	0.00500	0.00217	mg/kg	03.28.16 15:40		1
Naphthalene	91-20-3	U	0.00500	0.00130	mg/kg	03.28.16 15:40	U	1
n-Butylbenzene	104-51-8	U	0.00500	0.000882	mg/kg	03.28.16 15:40	U	1
n-Propylbenzene	103-65-1	U	0.00500	0.000782	mg/kg	03.28.16 15:40	U	1
o-Xylene	95-47-6	U	0.00500	0.000716	mg/kg	03.28.16 15:40	U	1
Diethyl Ether (Ethyl Ether)	60-29-7	U	0.00500	0.00500	mg/kg	03.28.16 15:40	U	1
p-Isopropyltoluene	99-87-6	U	0.00500	0.000800	mg/kg	03.28.16 15:40	U	1
sec-Butylbenzene	135-98-8	U	0.00500	0.000657	mg/kg	03.28.16 15:40	U	1
Styrene	100-42-5	U	0.00500	0.000742	mg/kg	03.28.16 15:40	U	1
tert-Butylbenzene	98-06-6	U	0.00500	0.000834	mg/kg	03.28.16 15:40	U	1
Tetrachloroethene	127-18-4	U	0.00500	0.00104	mg/kg	03.28.16 15:40	U	1
Toluene	108-88-3	U	0.00500	0.000588	mg/kg	03.28.16 15:40	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.00500	0.000780	mg/kg	03.28.16 15:40	U	1
trans-1,3-Dichloropropene	10061-02-6	U	0.00500	0.000670	mg/kg	03.28.16 15:40	U	1
Trichloroethene	79-01-6	U	0.00500	0.000707	mg/kg	03.28.16 15:40	U	1
Trichlorofluoromethane	75-69-4	U	0.00500	0.00351	mg/kg	03.28.16 15:40	U	1
Vinyl acetate	108-05-4	U	0.00500	0.000721	mg/kg	03.28.16 15:40	U	1
Vinyl chloride	75-01-4	U	0.00500	0.00201	mg/kg	03.28.16 15:40	U	1
Tetrahydrofuran	109-99-9	U	0.00500	0.00500	mg/kg	03.28.16 15:40	U	1

Blank Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **707008-1-BLK** Matrix: SOLID

Lab Sample Id: **707008-1-BLK**

Analytical Method: **VPH by MADEP Method** Prep Method: SW5030B

Tech: ZHO

Analyst: ZHO Date Prep: 03.26.16 13:57

Seq Number: 991268

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
C5-C8 Aliphatic (Unadj.)	ALHYDRC5C8	U	0.0750	0.0750	mg/kg	03.26.16 16:12	U	1
C9-C12 Aliphatic (Unadj.)	ALHYDRC9C1	U	0.0750	0.0750	mg/kg	03.26.16 16:12	U	1
C9-C10 Aromatic (Unadj.)	HYDC9C10	U	0.0250	0.0250	mg/kg	03.26.16 16:12	U	1

Blank Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **707027-1-BLK** Matrix: SOLID

Lab Sample Id: **707027-1-BLK**

Analytical Method: **SVOCs by SW-846 8270D** Prep Method: SW3550

Tech: VBR

Analyst: VIC Date Prep: 03.29.16 11:45

Seq Number: 991483

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	0.333	0.0590	mg/kg	03.30.16 10:44	U	1
1,2-Dichlorobenzene	95-50-1	U	0.333	0.0540	mg/kg	03.30.16 10:44	U	1
1,3-Dichlorobenzene	541-73-1	U	0.333	0.0527	mg/kg	03.30.16 10:44	U	1
1,4-Dichlorobenzene	106-46-7	U	0.333	0.0520	mg/kg	03.30.16 10:44	U	1
2,4,5-Trichlorophenol	95-95-4	U	0.333	0.0613	mg/kg	03.30.16 10:44	U	1
2,4,6-Trichlorophenol	88-06-2	U	0.333	0.0643	mg/kg	03.30.16 10:44	U	1
2,4-Dichlorophenol	120-83-2	U	0.333	0.0423	mg/kg	03.30.16 10:44	U	1
2,4-Dimethylphenol	105-67-9	U	0.333	0.0607	mg/kg	03.30.16 10:44	U	1
2,4-Dinitrotoluene	121-14-2	U	0.333	0.0537	mg/kg	03.30.16 10:44	U	1
2,6-Dinitrotoluene	606-20-2	U	0.333	0.0433	mg/kg	03.30.16 10:44	U	1
2-Chloronaphthalene	91-58-7	U	0.333	0.0607	mg/kg	03.30.16 10:44	U	1
2-Chlorophenol	95-57-8	U	0.333	0.0597	mg/kg	03.30.16 10:44	U	1
2-Methylnaphthalene	91-57-6	U	0.333	0.0510	mg/kg	03.30.16 10:44	U	1
2-methylphenol	95-48-7	U	0.667	0.0467	mg/kg	03.30.16 10:44	U	1
2-Nitroaniline	88-74-4	U	0.333	0.0447	mg/kg	03.30.16 10:44	U	1
2-Nitrophenol	88-75-5	U	0.667	0.0420	mg/kg	03.30.16 10:44	U	1
3&4-Methylphenol	15831-10-4	U	1.67	0.0987	mg/kg	03.30.16 10:44	U	1
3,3-Dichlorobenzidine	91-94-1	U	0.333	0.0487	mg/kg	03.30.16 10:44	U	1
3-Nitroaniline	99-09-2	U	0.333	0.0460	mg/kg	03.30.16 10:44	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	0.333	0.0580	mg/kg	03.30.16 10:44	U	1
4-Bromophenyl-phenylether	101-55-3	U	0.167	0.0567	mg/kg	03.30.16 10:44	U	1
4-chloro-3-methylphenol	59-50-7	U	0.333	0.0477	mg/kg	03.30.16 10:44	U	1
4-Chloroaniline	106-47-8	U	0.333	0.0553	mg/kg	03.30.16 10:44	U	1
4-Chlorophenyl-phenyl ether	7005-72-3	U	0.333	0.0633	mg/kg	03.30.16 10:44	U	1
4-Nitroaniline	100-01-6	U	0.667	0.0507	mg/kg	03.30.16 10:44	U	1
4-Nitrophenol	100-02-7	U	0.667	0.0410	mg/kg	03.30.16 10:44	U	1
Acenaphthene	83-32-9	U	0.333	0.0467	mg/kg	03.30.16 10:44	U	1
Acenaphthylene	208-96-8	U	0.333	0.0567	mg/kg	03.30.16 10:44	U	1
Aniline (Phenylamine, Aminobenzene)	62-53-3	U	0.333	0.0367	mg/kg	03.30.16 10:44	U	1
Anthracene	120-12-7	U	0.333	0.0493	mg/kg	03.30.16 10:44	U	1
Benzo(a)anthracene	56-55-3	U	0.333	0.0540	mg/kg	03.30.16 10:44	U	1
Benzo(a)pyrene	50-32-8	U	0.333	0.0490	mg/kg	03.30.16 10:44	U	1
Benzo(b)fluoranthene	205-99-2	U	0.333	0.0543	mg/kg	03.30.16 10:44	U	1
Benzo(g,h,i)perylene	191-24-2	U	0.333	0.0550	mg/kg	03.30.16 10:44	U	1
Benzo(k)fluoranthene	207-08-9	U	0.333	0.0573	mg/kg	03.30.16 10:44	U	1
Benzoic Acid	65-85-0	U	0.667	0.0527	mg/kg	03.30.16 10:44	U	1
Benzyl Butyl Phthalate	85-68-7	U	0.333	0.0500	mg/kg	03.30.16 10:44	U	1
bis(2-chloroethoxy) methane	111-91-1	U	0.333	0.0400	mg/kg	03.30.16 10:44	U	1
bis(2-chloroethyl) ether	111-44-4	U	0.167	0.0473	mg/kg	03.30.16 10:44	U	1
bis(2-chloroisopropyl) ether	39638-32-9	U	0.333	0.0450	mg/kg	03.30.16 10:44	U	1

Blank Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **707027-1-BLK** Matrix: SOLID

Lab Sample Id: **707027-1-BLK**

Analytical Method: **SVOCs by SW-846 8270D** Prep Method: SW3550

Tech: VBR

Analyst: VIC Date Prep: 03.29.16 11:45

Seq Number: 991483

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
bis(2-ethylhexyl) phthalate	117-81-7	U	0.333	0.0540	mg/kg	03.30.16 10:44	U	1
Chrysene	218-01-9	U	0.333	0.0443	mg/kg	03.30.16 10:44	U	1
Dibenz(a,h)Anthracene	53-70-3	U	0.333	0.0647	mg/kg	03.30.16 10:44	U	1
Dibenzofuran	132-64-9	U	0.333	0.0427	mg/kg	03.30.16 10:44	U	1
Diethyl Phthalate	84-66-2	U	0.333	0.0537	mg/kg	03.30.16 10:44	U	1
Dimethyl Phthalate	131-11-3	U	0.333	0.0503	mg/kg	03.30.16 10:44	U	1
di-n-Butyl Phthalate	84-74-2	U	0.333	0.0613	mg/kg	03.30.16 10:44	U	1
di-n-Octyl Phthalate	117-84-0	U	0.333	0.0553	mg/kg	03.30.16 10:44	U	1
Fluoranthene	206-44-0	U	0.333	0.0433	mg/kg	03.30.16 10:44	U	1
Fluorene	86-73-7	U	0.333	0.0407	mg/kg	03.30.16 10:44	U	1
Hexachlorobenzene	118-74-1	U	0.333	0.0557	mg/kg	03.30.16 10:44	U	1
Hexachlorobutadiene	87-68-3	U	0.333	0.0370	mg/kg	03.30.16 10:44	U	1
Hexachlorocyclopentadiene	77-47-4	U	0.333	0.0573	mg/kg	03.30.16 10:44	U	1
Hexachloroethane	67-72-1	U	0.333	0.0517	mg/kg	03.30.16 10:44	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	0.333	0.0607	mg/kg	03.30.16 10:44	U	1
Isophorone	78-59-1	U	0.333	0.0343	mg/kg	03.30.16 10:44	U	1
Naphthalene	91-20-3	U	0.333	0.0533	mg/kg	03.30.16 10:44	U	1
Nitrobenzene	98-95-3	U	0.333	0.0593	mg/kg	03.30.16 10:44	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	0.333	0.0477	mg/kg	03.30.16 10:44	U	1
N-Nitrosodiphenylamine	86-30-6	U	0.333	0.0700	mg/kg	03.30.16 10:44	U	1
Pentachlorophenol	87-86-5	U	0.667	0.0603	mg/kg	03.30.16 10:44	U	1
Phenanthrene	85-01-8	U	0.333	0.0553	mg/kg	03.30.16 10:44	U	1
Phenol	108-95-2	U	0.333	0.0467	mg/kg	03.30.16 10:44	U	1
Pyrene	129-00-0	U	0.333	0.0567	mg/kg	03.30.16 10:44	U	1
Pyridine	110-86-1	U	0.333	0.0633	mg/kg	03.30.16 10:44	U	1

Blank Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **707033-1-BLK** Matrix: SOLID

Lab Sample Id: **707033-1-BLK**

Analytical Method: **EPH by MADEP Method** Prep Method: SW3550

Tech: VBR

Analyst: CLAR Date Prep: 03.29.16 12:30

Seq Number: 991564

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Aliphatic Hydrocarbons C9-C18	ALHYDRC9C1	U	10.0	10.0	mg/kg	03.31.16 16:13	U	1
Aliphatic Hydrocarbons C19-C36	ALHYDRC19C	U	10.0	10.0	mg/kg	03.31.16 16:13	U	1
Aromatic Hydrocarbons C11-22 (Unadj	C11C22	U	20.0	20.0	mg/kg	03.31.16 23:07	U	1

Blank Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **707070-1-BLK** Matrix: SOLID

Lab Sample Id: **707070-1-BLK**

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Tech: ZHO

Analyst: MWE Date Prep: 03.29.16 10:52

Seq Number: 991381

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.00500	0.000525	mg/kg	03.29.16 13:54	U	1
1,1,1-Trichloroethane	71-55-6	U	0.00500	0.000753	mg/kg	03.29.16 13:54	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.00500	0.00119	mg/kg	03.29.16 13:54	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	0.00500	0.00111	mg/kg	03.29.16 13:54	U	1
1,1,2-Trichloroethane	79-00-5	U	0.00500	0.000670	mg/kg	03.29.16 13:54	U	1
1,1-Dichloroethane	75-34-3	U	0.00500	0.000802	mg/kg	03.29.16 13:54	U	1
1,1-Dichloroethene	75-35-4	U	0.00500	0.00116	mg/kg	03.29.16 13:54	U	1
1,1-Dichloropropene	563-58-6	U	0.00500	0.000539	mg/kg	03.29.16 13:54	U	1
1,2,3-Trichlorobenzene	87-61-6	U	0.00500	0.000574	mg/kg	03.29.16 13:54	U	1
1,2,3-Trichloropropane	96-18-4	U	0.00500	0.00165	mg/kg	03.29.16 13:54	U	1
1,2,4-Trichlorobenzene	120-82-1	U	0.00500	0.000873	mg/kg	03.29.16 13:54	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.00500	0.000720	mg/kg	03.29.16 13:54	U	1
1,2-Dichloroethane	107-06-2	U	0.00500	0.000597	mg/kg	03.29.16 13:54	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.00500	0.000814	mg/kg	03.29.16 13:54	U	1
1,3-Dichlorobenzene	541-73-1	U	0.00500	0.000997	mg/kg	03.29.16 13:54	U	1
1,3-Dichloropropane	142-28-9	U	0.00500	0.000688	mg/kg	03.29.16 13:54	U	1
1,4-Dichlorobenzene	106-46-7	U	0.00500	0.000684	mg/kg	03.29.16 13:54	U	1
2,2-Dichloropropane	594-20-7	U	0.00500	0.000599	mg/kg	03.29.16 13:54	U	1
2-Chloroethyl vinyl ether	110-75-8	U	0.0100	0.000747	mg/kg	03.29.16 13:54	U	1
2-Chlorotoluene	95-49-8	U	0.00500	0.000708	mg/kg	03.29.16 13:54	U	1
2-Hexanone	591-78-6	U	0.0100	0.00113	mg/kg	03.29.16 13:54	U	1
4-Chlorotoluene	106-43-4	U	0.00500	0.000553	mg/kg	03.29.16 13:54	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.0100	0.00323	mg/kg	03.29.16 13:54	U	1
Acetone	67-64-1	U	0.0500	0.00688	mg/kg	03.29.16 13:54	U	1
Acrolein	107-02-8	U	0.0100	0.00444	mg/kg	03.29.16 13:54	U	1
Acrylonitrile	107-13-1	U	0.0100	0.00499	mg/kg	03.29.16 13:54	U	1
Benzene	71-43-2	U	0.00500	0.000513	mg/kg	03.29.16 13:54	U	1
Bromobenzene	108-86-1	U	0.00500	0.000854	mg/kg	03.29.16 13:54	U	1
Bromochloromethane	74-97-5	U	0.00500	0.00101	mg/kg	03.29.16 13:54	U	1
Bromodichloromethane	75-27-4	U	0.00500	0.000501	mg/kg	03.29.16 13:54	U	1
Bromoform	75-25-2	U	0.00500	0.000959	mg/kg	03.29.16 13:54	U	1
Bromomethane	74-83-9	U	0.00500	0.00246	mg/kg	03.29.16 13:54	U	1
Carbon disulfide	75-15-0	U	0.00500	0.00146	mg/kg	03.29.16 13:54	U	1
Carbon tetrachloride	56-23-5	U	0.00500	0.000742	mg/kg	03.29.16 13:54	U	1
Chlorobenzene	108-90-7	U	0.00500	0.000579	mg/kg	03.29.16 13:54	U	1
Chloroethane	75-00-3	U	0.00500	0.00245	mg/kg	03.29.16 13:54	U	1
Chloroform	67-66-3	U	0.00500	0.000741	mg/kg	03.29.16 13:54	U	1
Chloromethane	74-87-3	U	0.00500	0.00230	mg/kg	03.29.16 13:54	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.00500	0.000662	mg/kg	03.29.16 13:54	U	1
cis-1,3-Dichloropropene	10061-01-5	U	0.00500	0.000539	mg/kg	03.29.16 13:54	U	1

Blank Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **707070-1-BLK** Matrix: SOLID

Lab Sample Id: **707070-1-BLK**

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Tech: ZHO

Analyst: MWE Date Prep: 03.29.16 10:52

Seq Number: 991381

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Dibromochloromethane	124-48-1	U	0.00500	0.000994	mg/kg	03.29.16 13:54	U	1
Dibromomethane	74-95-3	U	0.00500	0.000613	mg/kg	03.29.16 13:54	U	1
Dichlorodifluoromethane	75-71-8	U	0.00500	0.00118	mg/kg	03.29.16 13:54	U	1
Ethyl methacrylate	97-63-2	U	0.00500	0.000730	mg/kg	03.29.16 13:54	U	1
Ethylbenzene	100-41-4	U	0.00500	0.000565	mg/kg	03.29.16 13:54	U	1
Hexachlorobutadiene	87-68-3	U	0.00500	0.000852	mg/kg	03.29.16 13:54	U	1
Isopropylbenzene	98-82-8	U	0.00500	0.000759	mg/kg	03.29.16 13:54	U	1
m,p-Xylenes	179601-23-1	U	0.0100	0.00121	mg/kg	03.29.16 13:54	U	1
Methyl tert-butyl ether	1634-04-4	U	0.0100	0.000693	mg/kg	03.29.16 13:54	U	1
Methylene chloride	75-09-2	0.00654	0.00500	0.00217	mg/kg	03.29.16 13:54		1
Naphthalene	91-20-3	U	0.00500	0.00130	mg/kg	03.29.16 13:54	U	1
n-Butylbenzene	104-51-8	U	0.00500	0.000882	mg/kg	03.29.16 13:54	U	1
n-Propylbenzene	103-65-1	U	0.00500	0.000782	mg/kg	03.29.16 13:54	U	1
o-Xylene	95-47-6	U	0.00500	0.000716	mg/kg	03.29.16 13:54	U	1
Diethyl Ether (Ethyl Ether)	60-29-7	U	0.00500	0.00500	mg/kg	03.29.16 13:54	U	1
p-Isopropyltoluene	99-87-6	U	0.00500	0.000800	mg/kg	03.29.16 13:54	U	1
sec-Butylbenzene	135-98-8	U	0.00500	0.000657	mg/kg	03.29.16 13:54	U	1
Styrene	100-42-5	U	0.00500	0.000742	mg/kg	03.29.16 13:54	U	1
tert-Butylbenzene	98-06-6	U	0.00500	0.000834	mg/kg	03.29.16 13:54	U	1
Tetrachloroethene	127-18-4	U	0.00500	0.00104	mg/kg	03.29.16 13:54	U	1
Toluene	108-88-3	U	0.00500	0.000588	mg/kg	03.29.16 13:54	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.00500	0.000780	mg/kg	03.29.16 13:54	U	1
trans-1,3-Dichloropropene	10061-02-6	U	0.00500	0.000670	mg/kg	03.29.16 13:54	U	1
Trichloroethene	79-01-6	U	0.00500	0.000707	mg/kg	03.29.16 13:54	U	1
Trichlorofluoromethane	75-69-4	U	0.00500	0.00351	mg/kg	03.29.16 13:54	U	1
Vinyl acetate	108-05-4	U	0.00500	0.000721	mg/kg	03.29.16 13:54	U	1
Vinyl chloride	75-01-4	U	0.00500	0.00201	mg/kg	03.29.16 13:54	U	1
Tetrahydrofuran	109-99-9	U	0.00500	0.00500	mg/kg	03.29.16 13:54	U	1

Blank Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **707086-1-BLK** Matrix: SOLID

Lab Sample Id: **707086-1-BLK**

Analytical Method: **VPH by MADEP Method**

Tech: ZHO

Analyst: ZHO

Seq Number: 991394

Prep Method: SW5030B

Date Prep: 03.27.16 18:04

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
C5-C8 Aliphatic (Unadj.)	ALHYDRC5C8	U	0.0750	0.0750	mg/kg	03.27.16 20:20	U	1
C9-C12 Aliphatic (Unadj.)	ALHYDRC9C1	U	0.0750	0.0750	mg/kg	03.27.16 20:20	U	1
C9-C10 Aromatic (Unadj.)	HYDC9C10	U	0.0250	0.0250	mg/kg	03.27.16 20:20	U	1

Blank Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **707103-1-BLK** Matrix: SOLID

Lab Sample Id: **707103-1-BLK**

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Tech: MWE

Analyst: ZHO Date Prep: 03.30.16 12:47

Seq Number: 991408

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.00500	0.000525	mg/kg	03.30.16 15:16	U	1
1,1,1-Trichloroethane	71-55-6	U	0.00500	0.000753	mg/kg	03.30.16 15:16	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.00500	0.00119	mg/kg	03.30.16 15:16	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	0.00500	0.00111	mg/kg	03.30.16 15:16	U	1
1,1,2-Trichloroethane	79-00-5	U	0.00500	0.000670	mg/kg	03.30.16 15:16	U	1
1,1-Dichloroethane	75-34-3	U	0.00500	0.000802	mg/kg	03.30.16 15:16	U	1
1,1-Dichloroethene	75-35-4	U	0.00500	0.00116	mg/kg	03.30.16 15:16	U	1
1,1-Dichloropropene	563-58-6	U	0.00500	0.000539	mg/kg	03.30.16 15:16	U	1
1,2,3-Trichlorobenzene	87-61-6	U	0.00500	0.000574	mg/kg	03.30.16 15:16	U	1
1,2,3-Trichloropropane	96-18-4	U	0.00500	0.00165	mg/kg	03.30.16 15:16	U	1
1,2,4-Trichlorobenzene	120-82-1	U	0.00500	0.000873	mg/kg	03.30.16 15:16	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.00500	0.000720	mg/kg	03.30.16 15:16	U	1
1,2-Dichloroethane	107-06-2	U	0.00500	0.000597	mg/kg	03.30.16 15:16	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.00500	0.000814	mg/kg	03.30.16 15:16	U	1
1,3-Dichlorobenzene	541-73-1	U	0.00500	0.000997	mg/kg	03.30.16 15:16	U	1
1,3-Dichloropropane	142-28-9	U	0.00500	0.000688	mg/kg	03.30.16 15:16	U	1
1,4-Dichlorobenzene	106-46-7	U	0.00500	0.000684	mg/kg	03.30.16 15:16	U	1
2,2-Dichloropropane	594-20-7	U	0.00500	0.000599	mg/kg	03.30.16 15:16	U	1
2-Chloroethyl vinyl ether	110-75-8	U	0.0100	0.000747	mg/kg	03.30.16 15:16	U	1
2-Chlorotoluene	95-49-8	U	0.00500	0.000708	mg/kg	03.30.16 15:16	U	1
2-Hexanone	591-78-6	U	0.0100	0.00113	mg/kg	03.30.16 15:16	U	1
4-Chlorotoluene	106-43-4	U	0.00500	0.000553	mg/kg	03.30.16 15:16	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.0100	0.00323	mg/kg	03.30.16 15:16	U	1
Acetone	67-64-1	U	0.0500	0.00688	mg/kg	03.30.16 15:16	U	1
Acrolein	107-02-8	U	0.0100	0.00444	mg/kg	03.30.16 15:16	U	1
Acrylonitrile	107-13-1	U	0.0100	0.00499	mg/kg	03.30.16 15:16	U	1
Benzene	71-43-2	U	0.00500	0.000513	mg/kg	03.30.16 15:16	U	1
Bromobenzene	108-86-1	U	0.00500	0.000854	mg/kg	03.30.16 15:16	U	1
Bromochloromethane	74-97-5	U	0.00500	0.00101	mg/kg	03.30.16 15:16	U	1
Bromodichloromethane	75-27-4	U	0.00500	0.000501	mg/kg	03.30.16 15:16	U	1
Bromoform	75-25-2	U	0.00500	0.000959	mg/kg	03.30.16 15:16	U	1
Bromomethane	74-83-9	U	0.00500	0.00246	mg/kg	03.30.16 15:16	U	1
Carbon disulfide	75-15-0	U	0.00500	0.00146	mg/kg	03.30.16 15:16	U	1
Carbon tetrachloride	56-23-5	U	0.00500	0.000742	mg/kg	03.30.16 15:16	U	1
Chlorobenzene	108-90-7	U	0.00500	0.000579	mg/kg	03.30.16 15:16	U	1
Chloroethane	75-00-3	U	0.00500	0.00245	mg/kg	03.30.16 15:16	U	1
Chloroform	67-66-3	U	0.00500	0.000741	mg/kg	03.30.16 15:16	U	1
Chloromethane	74-87-3	U	0.00500	0.00230	mg/kg	03.30.16 15:16	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.00500	0.000662	mg/kg	03.30.16 15:16	U	1
cis-1,3-Dichloropropene	10061-01-5	U	0.00500	0.000539	mg/kg	03.30.16 15:16	U	1

Blank Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **707103-1-BLK** Matrix: SOLID

Lab Sample Id: **707103-1-BLK**

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Tech: MWE

Analyst: ZHO Date Prep: 03.30.16 12:47

Seq Number: 991408

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Dibromochloromethane	124-48-1	U	0.00500	0.000994	mg/kg	03.30.16 15:16	U	1
Dibromomethane	74-95-3	U	0.00500	0.000613	mg/kg	03.30.16 15:16	U	1
Dichlorodifluoromethane	75-71-8	U	0.00500	0.00118	mg/kg	03.30.16 15:16	U	1
Ethyl methacrylate	97-63-2	U	0.00500	0.000730	mg/kg	03.30.16 15:16	U	1
Ethylbenzene	100-41-4	U	0.00500	0.000565	mg/kg	03.30.16 15:16	U	1
Hexachlorobutadiene	87-68-3	U	0.00500	0.000852	mg/kg	03.30.16 15:16	U	1
Isopropylbenzene	98-82-8	U	0.00500	0.000759	mg/kg	03.30.16 15:16	U	1
m,p-Xylenes	179601-23-1	U	0.0100	0.00121	mg/kg	03.30.16 15:16	U	1
Methyl tert-butyl ether	1634-04-4	U	0.0100	0.000693	mg/kg	03.30.16 15:16	U	1
Methylene chloride	75-09-2	0.00945	0.00500	0.00217	mg/kg	03.30.16 15:16		1
Naphthalene	91-20-3	U	0.00500	0.00130	mg/kg	03.30.16 15:16	U	1
n-Butylbenzene	104-51-8	U	0.00500	0.000882	mg/kg	03.30.16 15:16	U	1
n-Propylbenzene	103-65-1	U	0.00500	0.000782	mg/kg	03.30.16 15:16	U	1
Diethyl Ether (Ethyl Ether)	60-29-7	U	0.00500	0.00500	mg/kg	03.30.16 15:16	U	1
o-Xylene	95-47-6	U	0.00500	0.000716	mg/kg	03.30.16 15:16	U	1
p-Isopropyltoluene	99-87-6	U	0.00500	0.000800	mg/kg	03.30.16 15:16	U	1
sec-Butylbenzene	135-98-8	U	0.00500	0.000657	mg/kg	03.30.16 15:16	U	1
Styrene	100-42-5	U	0.00500	0.000742	mg/kg	03.30.16 15:16	U	1
tert-Butylbenzene	98-06-6	U	0.00500	0.000834	mg/kg	03.30.16 15:16	U	1
Tetrachloroethene	127-18-4	U	0.00500	0.00104	mg/kg	03.30.16 15:16	U	1
Toluene	108-88-3	U	0.00500	0.000588	mg/kg	03.30.16 15:16	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.00500	0.000780	mg/kg	03.30.16 15:16	U	1
trans-1,3-Dichloropropene	10061-02-6	U	0.00500	0.000670	mg/kg	03.30.16 15:16	U	1
Trichloroethene	79-01-6	U	0.00500	0.000707	mg/kg	03.30.16 15:16	U	1
Trichlorofluoromethane	75-69-4	U	0.00500	0.00351	mg/kg	03.30.16 15:16	U	1
Vinyl acetate	108-05-4	U	0.00500	0.000721	mg/kg	03.30.16 15:16	U	1
Vinyl chloride	75-01-4	U	0.00500	0.00201	mg/kg	03.30.16 15:16	U	1
Tetrahydrofuran	109-99-9	U	0.00500	0.00500	mg/kg	03.30.16 15:16	U	1

Blank Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **707107-1-BLK** Matrix: SOLID

Lab Sample Id: **707107-1-BLK**

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE

Analyst: ZHO Date Prep: 03.30.16 13:06

Seq Number: 991418

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	0.00500	0.000525	mg/kg	03.30.16 15:42	U	1
1,1,1-Trichloroethane	71-55-6	U	0.00500	0.000753	mg/kg	03.30.16 15:42	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.00500	0.00119	mg/kg	03.30.16 15:42	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	0.00500	0.00111	mg/kg	03.30.16 15:42	U	1
1,1,2-Trichloroethane	79-00-5	U	0.00500	0.000670	mg/kg	03.30.16 15:42	U	1
1,1-Dichloroethane	75-34-3	U	0.00500	0.000802	mg/kg	03.30.16 15:42	U	1
1,1-Dichloroethene	75-35-4	U	0.00500	0.00116	mg/kg	03.30.16 15:42	U	1
1,1-Dichloropropene	563-58-6	U	0.00500	0.000539	mg/kg	03.30.16 15:42	U	1
1,2,3-Trichlorobenzene	87-61-6	U	0.00500	0.000574	mg/kg	03.30.16 15:42	U	1
3,3-Dimethyl-1-butanol	624-95-3	U	0.0250	0.00500	mg/kg	03.30.16 15:42	U	1
1,2,3-Trichloropropane	96-18-4	U	0.00500	0.00165	mg/kg	03.30.16 15:42	U	1
1,2,4-Trichlorobenzene	120-82-1	U	0.00500	0.000873	mg/kg	03.30.16 15:42	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.00500	0.000720	mg/kg	03.30.16 15:42	U	1
1,2-Dichloroethane	107-06-2	U	0.00500	0.000597	mg/kg	03.30.16 15:42	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.00500	0.000814	mg/kg	03.30.16 15:42	U	1
1,3-Dichlorobenzene	541-73-1	U	0.00500	0.000997	mg/kg	03.30.16 15:42	U	1
1,3-Dichloropropane	142-28-9	U	0.00500	0.000688	mg/kg	03.30.16 15:42	U	1
1,4-Dichlorobenzene	106-46-7	U	0.00500	0.000684	mg/kg	03.30.16 15:42	U	1
2,2-Dichloropropane	594-20-7	U	0.00500	0.000599	mg/kg	03.30.16 15:42	U	1
2-Chloroethyl vinyl ether	110-75-8	U	0.0100	0.000747	mg/kg	03.30.16 15:42	U	1
2-Chlorotoluene	95-49-8	U	0.00500	0.000708	mg/kg	03.30.16 15:42	U	1
2-Hexanone	591-78-6	U	0.0100	0.00113	mg/kg	03.30.16 15:42	U	1
4-Chlorotoluene	106-43-4	U	0.00500	0.000553	mg/kg	03.30.16 15:42	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.0100	0.00323	mg/kg	03.30.16 15:42	U	1
Acetone	67-64-1	U	0.0500	0.00688	mg/kg	03.30.16 15:42	U	1
Acrolein	107-02-8	U	0.0100	0.00444	mg/kg	03.30.16 15:42	U	1
Acrylonitrile	107-13-1	U	0.0100	0.00499	mg/kg	03.30.16 15:42	U	1
Benzene	71-43-2	U	0.00500	0.000513	mg/kg	03.30.16 15:42	U	1
Bromobenzene	108-86-1	U	0.00500	0.000854	mg/kg	03.30.16 15:42	U	1
Bromochloromethane	74-97-5	U	0.00500	0.00101	mg/kg	03.30.16 15:42	U	1
Bromodichloromethane	75-27-4	U	0.00500	0.000501	mg/kg	03.30.16 15:42	U	1
Bromoform	75-25-2	U	0.00500	0.000959	mg/kg	03.30.16 15:42	U	1
Bromomethane	74-83-9	U	0.00500	0.00246	mg/kg	03.30.16 15:42	U	1
Carbon disulfide	75-15-0	U	0.00500	0.00146	mg/kg	03.30.16 15:42	U	1
Carbon tetrachloride	56-23-5	U	0.00500	0.000742	mg/kg	03.30.16 15:42	U	1
Chlorobenzene	108-90-7	U	0.00500	0.000579	mg/kg	03.30.16 15:42	U	1
Chloroethane	75-00-3	U	0.00500	0.00245	mg/kg	03.30.16 15:42	U	1
Chloroform	67-66-3	U	0.00500	0.000741	mg/kg	03.30.16 15:42	U	1
Chloromethane	74-87-3	U	0.00500	0.00230	mg/kg	03.30.16 15:42	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.00500	0.000662	mg/kg	03.30.16 15:42	U	1

Blank Summary 527416

Antea Group - Charlotte, Charlotte, NC

GPM 3035

Sample Id: **707107-1-BLK** Matrix: SOLID

Lab Sample Id: **707107-1-BLK**

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Tech: MWE

Analyst: ZHO Date Prep: 03.30.16 13:06

Seq Number: 991418

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,3-Dichloropropene	10061-01-5	U	0.00500	0.000539	mg/kg	03.30.16 15:42	U	1
Dibromochloromethane	124-48-1	U	0.00500	0.000994	mg/kg	03.30.16 15:42	U	1
Dibromomethane	74-95-3	U	0.00500	0.000613	mg/kg	03.30.16 15:42	U	1
Dichlorodifluoromethane	75-71-8	U	0.00500	0.00118	mg/kg	03.30.16 15:42	U	1
Ethyl methacrylate	97-63-2	U	0.00500	0.000730	mg/kg	03.30.16 15:42	U	1
Ethylbenzene	100-41-4	U	0.00500	0.000565	mg/kg	03.30.16 15:42	U	1
Hexachlorobutadiene	87-68-3	U	0.00500	0.000852	mg/kg	03.30.16 15:42	U	1
Isopropylbenzene	98-82-8	U	0.00500	0.000759	mg/kg	03.30.16 15:42	U	1
m,p-Xylenes	179601-23-1	U	0.0100	0.00121	mg/kg	03.30.16 15:42	U	1
Methyl tert-butyl ether	1634-04-4	U	0.0100	0.000693	mg/kg	03.30.16 15:42	U	1
Methylene chloride	75-09-2	U	0.00500	0.00217	mg/kg	03.30.16 15:42	U	1
Naphthalene	91-20-3	U	0.00500	0.00130	mg/kg	03.30.16 15:42	U	1
n-Butylbenzene	104-51-8	U	0.00500	0.000882	mg/kg	03.30.16 15:42	U	1
n-Propylbenzene	103-65-1	U	0.00500	0.000782	mg/kg	03.30.16 15:42	U	1
o-Xylene	95-47-6	U	0.00500	0.000716	mg/kg	03.30.16 15:42	U	1
Diethyl Ether (Ethyl Ether)	60-29-7	U	0.00500	0.00500	mg/kg	03.30.16 15:42	U	1
p-Isopropyltoluene	99-87-6	U	0.00500	0.000800	mg/kg	03.30.16 15:42	U	1
sec-Butylbenzene	135-98-8	U	0.00500	0.000657	mg/kg	03.30.16 15:42	U	1
Styrene	100-42-5	U	0.00500	0.000742	mg/kg	03.30.16 15:42	U	1
tert-Butylbenzene	98-06-6	U	0.00500	0.000834	mg/kg	03.30.16 15:42	U	1
Tetrachloroethene	127-18-4	U	0.00500	0.00104	mg/kg	03.30.16 15:42	U	1
Toluene	108-88-3	U	0.00500	0.000588	mg/kg	03.30.16 15:42	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.00500	0.000780	mg/kg	03.30.16 15:42	U	1
trans-1,3-Dichloropropene	10061-02-6	U	0.00500	0.000670	mg/kg	03.30.16 15:42	U	1
Trichloroethene	79-01-6	U	0.00500	0.000707	mg/kg	03.30.16 15:42	U	1
Trichlorofluoromethane	75-69-4	U	0.00500	0.00351	mg/kg	03.30.16 15:42	U	1
Vinyl acetate	108-05-4	U	0.00500	0.000721	mg/kg	03.30.16 15:42	U	1
Vinyl chloride	75-01-4	U	0.00500	0.00201	mg/kg	03.30.16 15:42	U	1
Tetrahydrofuran	109-99-9	U	0.00500	0.00500	mg/kg	03.30.16 15:42	U	1

COC# ATL302613

Page 1 of 2

FTS LABORATORIES
CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

Company Name: Antea Group	Receiver's Initials/Temp: AL / 10.1°C. S27416
Address: 3530 Toringdon Way, Suite 106, Charlotte, NC 28277	Custody Seal(s): ___ Y N Lab Work Order #
Results Sent to: Kyle Sorensen	P.O.# (if required):
Email address: ~~dale.voyklin@urs.com~~ Kyle.Sorensen@anteagroup.com	Field Comments / Lab Precautions:
Contact Phone #: 1-704-324-7045 Cell#:	
Project Name (Site): GPM 3035	**Analysis Requested**
Project Number (ID):	**Container Type:**
Regulatory Program: NCUST	**Chemical Preservation Code:**
Sampler(s): (signature)	**Sampler(s): (printed)** Mike Haseltine

Line No.	Sample ID #	Sample Depth (Ft)	Collection Date / Time	Matrix (See below)	Composite	Grab	No. of Containers	8260B	8270D	VPH	EPH
1	S-1		3/24/16 0900	S		✓	9	✓	✓	✓	✓
2	S-3		0920								
3	S-4		0932								
4	S-5		0935								
5	S-2		1335								
6	S-6		1337								
7	D-1		1430								
8	L-1		1432								
9	S-7		1438								
10	S-8		1442								

1) Relinquished By:	Date / Time 3/24/16 1800	2) Received By: Date / Time 3/25/16 9:30
3) Relinquished By:	Date / Time	4) Received By: Date / Time
5) Relinquished By:	Date / Time	6) Received By: Date / Time

Delivered by: (Circle One)
Fed Ex / UPS / Courier / Lab Pickup / Hand / Other

Turnaround Time (business days)
TAT Starts when samples are rec'd by 2PM
___10 Days ; ___5-7 Days; ___3 Days
___2 Days ; ___1 Day; ___Same Day

Matrix Guide: (W=Water) (DW = Drinking Water) (GW = Groundwater) (SW = Surface Water) (L = Liquid) (O = Oil) (S = Soil) (SD = Solid) (SL = Sludge) (A = Air) (C = Air Cartridge)

Chemical Preservation Codes: 1 = HCL / 2 = HNO_3 / 3 = H_2SO_4 / 4 = NaOH + $NaAsO_2$ / 5 = NaOH + ZnAc / 6 = $Na_2S_2O_3$ / 7 = $NaHSO_4$ & MeOH / 8 = DI Water & MeOH

Container Type: VC=Vial (Clear); VA =Vial (Amber); GC=Glass (Clear); GA=Glass (Amber); P=Plastic (HDPE); TB=Tedlar Bag; ES=EnCore Sampler; ZB=Ziploc Bag; O=Other

COC# ATL302612

Page 2 of 2

FTS LABORATORIES
CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

Company Name: Antea Group	Receiver's Initials/Temp: ___ / 1.1°C 527416
Address: 3530 Toringdon Way, Suite 106, Charlotte, NC 28277	Custody Seal(s):___ Y N Lab Work Order #
Results Sent to: Kyle Sorensen	P.O.# (if required):
Email address: ~~dale.voykin@urs.com~~ Kyle.Sorensen@anteagroup.com	Field Comments / Lab Precautions:
Contact Phone #: 1-704-324-7045 Cell#:	
Project Name (Site): GPM 3035	**Analysis Requested**
Project Number (ID):	Container Type:
Regulatory Program: NC UST	Chemical Preservation Code:
Sampler(s): (signature) MM	**Sampler(s): (printed)** Mike Hosetine

Line No.	Sample ID #	Sample Depth (Ft)	Collection Date / Time	Matrix (See below)	Composite	Grab	No. of Containers	8260B	8270D	VPH	EPH
1	S-9		3/24/16 1450	S		✓	9	✓	✓	✓	✓
2	S-10		3/24/16 1452	S		✓	9	✓	✓	✓	✓
3											
4											
5											
6											
7											
8											
9											
10											

1) Relinquished By: MM	Date / Time 3/24/16 1800	2) Received By: Dallee	Date / Time 3/25/16 9:30
3) Relinquished By:	Date / Time	4) Received By:	Date / Time
5) Relinquished By:	Date / Time	6) Received By:	Date / Time

Delivered by: (Circle One)
Fed Ex / UPS / Courier / Lab Pickup / Hand / Other

Turnaround Time (business days)
TAT Starts when samples are rec'd by 2PM
___10 Days ; ___5-7 Days; ___3 Days
___2 Days ; ___1 Day; ___Same Day

Matrix Guide: (W=Water) (DW = Drinking Water) (GW = Groundwater) (SW = Surface Water) (L = Liquid) (O = Oil) (S = Soil) (SD = Solid) (SL = Sludge) (A = Air) (C = Air Cartridge)

Chemical Preservation Codes: 1 = HCL / 2 = HNO_3 / 3 = H_2SO_4 / 4 = NaOH + $NaAsO_2$ / 5 = NaOH + ZnAc / 6 = $Na_2S_2O_3$ / 7 = $NaHSO_4$ & MeOH / 8 = DI Water & MeOH

Container Type: VC=Vial (Clear); VA =Vial (Amber); GC=Glass (Clear); GA=Glass (Amber); P=Plastic (HDPE); TB=Tedlar Bag; ES=EnCore Sampler; ZB=Ziploc Bag; O=Other

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Antea Group - Charlotte

Date/ Time Received: 03/25/2016 09:30:00 AM

Work Order #: 527416

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	1.1
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6 *Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**N/A**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4? Except for samples for the analysis of HEM or HEM-SGT which are verified by the analysts.	**N/A**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:

PH Device/Lot#:

Checklist completed by: Dario Lagunas Date: 03/25/2016

Checklist reviewed by: J. Derek Rounsley Date: 03/26/2016

Appendix F

SOIL TRANSPORTATION MANIFESTS, WEIGH TICKETS, AND DISPOSAL CERTIFICATION

Carlisle Farms, Inc.

1555 Holland Road
Autryville, NC 28318
(910)567-6138
Fax: (910)567-2891
NC Permit No. SR0600035

Date: 3-28-16

Subject: TREATMENT OF PETROLEUM CONTAMINATED SOIL

Project: 7162 Market St. Wilmington, NC. Scotchman #3035

Client: _____

Dear Client:

This letter is to verify that on 3-28-16 Carlisle Farms, Inc. had disposed of 607.94 tons of petroleum contaminated soil to our land farming facility in Autryville, NC under permit # SR0600035. We are handling your soil in compliance with our state permit conditions. Upon obtaining lab results on your soil, you, the client, will be notified that the soil has been remediated, upon request. Once again, you will no longer be responsible for the soil that we have accepted upon receipt of invoice.

It has been a pleasure serving you on this environmental matter, and we look forward to serving you in the future.

Yours very truly,

Carlisle Farms, Inc.

Rick Williams
Soil Remediation Supervisor

MATERIAL MANIFEST

Zebra Environmental & Industrial Services

EMERGENCY PHONE NO. (336) 841-5276
POST OFFICE BOX 357 HIGH POINT, NC 27261
TEL (336) 841-5276 FAX (336) 841-5509

Manifest Document No.
Page 1 of 1
Zebra Job No.

GENERATOR INFORMATION

Name: SCOTCHMAN STORE # 3035
US EPA ID No.
Street Address: 7162 MARKET ST. WILMINGTON, N.C.
Mailing Address
Phone No.: 910-796-2443
Contact: WILLIAM BARLOW

DESCRIPTION OF MATERIALS

	HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div	UN / NA ID No.	Packing Group	Containers Qty.	Containers Type	Total Quantity	Unit Wt./Vol.
a.		NON-HAZ SOIL	NA	NA	NA	1	DT		T
b.								3320	
c.								PPG FWS	

ADDITIONAL INFORMATION	ERG No.	Zebra Profile Code	Facility Use
a. PETROLEUM CONTACT SOIL			
b.			
c.			

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name: MANAGER FOR GPM INVESTMENT
Signature: for GPM INVEST.
Mo. / Day / Yr.: 3 24 16

TRANSPORTER INFORMATION

Transporter: Zebra Environmental & Industrial Services Inc
Address: 901 East Springfield Road, High Point, NC 27263
Transporter or EPA ID No.: NCO991302669
Unit No.: 22
Phone: (336) 841-5276

I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.
Signature
Shipment Date

I hereby acknowledge receipt of the above-described materials were received from the generator site and were transported to the facility listed below.
Signature
Delivery Date

FACILITY INFORMATION

Facility: ~~Zebra Environmental & Industrial Services, Inc.~~ ESIJ Inc.
Address: ~~901 East Springfield Road, High Point, NC 27263~~ Asheboro, NC
Facility or EPA ID No.: NCO991302669
Phone: (336) 841-5276
Contact: David Tedder

I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.
Signature
3-24-16
Receipt Date

Discrepancies / Routing Codes / Handling Methods
a.
b.
c.

ORIGINAL - Facility Retain COPY 2 - Return to Generator COPY 3 - Transporter Retain COPY 4 - Generator Retain

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

19.83 TONS.

ID 3
GROSS 68280 lb INBOUND
03/24/2016 01:42PM

39.32

ID 3
GROSS 68280 lb RECALLED 19.66
TARE 28960 lb
NET 39320 lb
01:54PM 03/24/2016

KING PRECISION MEASUREMENT **J.A. KING** & COMPANY, L L C. ISO 17025 ACCREDITED

MEASUREMENT PROFESSIONALS SINCE 1939

P. O. Box 160 • 6541-C Franz Warner Parkway • Whitsett, NC 27377
Ph. (336) 292-0511 • Fax (336) 294-9664

MATERIAL MANIFEST

Zebra Environmental & Industrial Services

EMERGENCY PHONE NO. (336) 841-5276

POST OFFICE BOX 357 HIGH POINT, NC 27261

TEL (336) 841-5276 FAX (336) 841-5509

Manifest Document No.

Page 2 of 2

Zebra Job No. 60584

GENERATOR INFORMATION

Name: SCOTCHMAN STORE # 3035

US EPA ID No.:

Street Address: 7162 MARKET ST. WILMINGTON, NC.

Mailing Address: 7162 MARKET ST. WILMINGTON, N.C.

Phone No.: 910-512-9875

Contact: WILLIAM BARLOW

DESCRIPTION OF MATERIALS

	HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div	UN / NA ID No.	Packing Group	Containers Qty.	Containers Type	Total Quantity	Unit Wt./Vol.
a.		NON HAZ SOIL	NA	NA	NA	1	DT		T
b.								41,980	
c.								20.99	TONS

ADDITIONAL INFORMATION		ERG No.	Zebra Profile Code	Facility Use
a.	PETROLEUM COMPACT SOIL			
b.				
c.				

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name: MAX TEDDER FOR OPM INVESTMENTS

Signature: Max Tedder for OPM INVST.

Mo. / Day / Yr.: 3 24 16

TRANSPORTER INFORMATION

Transporter: ZEBRA ENMAD

Address: 901 E. SPRINGFIELD RD. HIGH POINT, NC. 27261

Transporter or EPA ID No.:

Unit No.: D-5

Phone:

I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.

Signature: Adam [illegible] Shipment Date: 3-24-16

I hereby acknowledge receipt of the above-described materials were received from the generator site and were transported to the facility listed below.

Signature: [illegible] Delivery Date: 3-24-16

FACILITY INFORMATION

Facility: ES&J

Address: 1555 ITALIAN RD. AUBURNDALE, FL

Facility or EPA ID No.:

Phone:

Contact:

I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.

Signature: Receipt Date:

Discrepancies / Routing Codes / Handling Methods

a.

b.

c.

ORIGINAL - Facility Retain COPY 2 - Return to Generator COPY 3 - Transporter Retain COPY 4 - Generator Retain

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

ID 5
GROSS 70380 lb INBOUND
03/24/201601:50PM

20.99 Tons

ID 5
GROSS 70380 lb RECALLED
TARE 28400 lb
NET 41980 lb
02:03PM 03/24/2016

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MATERIAL MANIFEST

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Manifest Document No.

Page 1 of 3

Zebra Job No.

GENERATOR INFORMATION

Name GPM ~~[illegible]~~ IS SCOTCHMAN STREET 3035

US EPA ID No.

Street Address 1162 MARKET ST. WILMINGTON, NC.

Mailing Address

Phone No. 910-512-9875

Contact WILLIAM BARLOW

DESCRIPTION OF MATERIALS

	HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div	UN / NA ID No.	Packing Group	Containers Qty.	Containers Type	Total Quantity	Unit Wt./Vol.
a.		NON HAZ SOIL	NA	NA	NA	1	DT		T
b.								58,480	
c.								2924	TONS

ADDITIONAL INFORMATION		ERG No.	Zebra Profile Code	Facility Use
a.	PETROLEUM CONTACT SOIL			
b.				
c.				

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name MAX TEDDER FOR GPM INVESTMENTS

Signature [signature] BY GPM INV.

Mo. / Day / Yr. 3 24 16

TRANSPORTER INFORMATION

Transporter AMERICAN MATERIALS

Address 3556 DA. FURR RD. IVANHOE, N.C

Transporter or EPA ID No.

Unit No. 1514

Phone

I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.

Signature [signature] Shipment Date

I hereby acknowledge receipt of the above-described materials were received from the generator site and were transported to the facility listed below.

Signature [signature] Delivery Date

FACILITY INFORMATION

Facility TSKJ

Address 1555 HOLLAND RD KATY, VILLE, N.C.

Facility or EPA ID No.

Phone

Contact

I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.

Signature [signature] 3-25-16 Receipt Date

Discrepancies / Routing Codes / Handling Methods
a.
b.
c.

ORIGINAL - Facility Retain COPY 2 - Return to Generator COPY 3 - Transporter Retain COPY 4 - Generator Retain

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

ID 1514
GROSS 87840 lb INBOUND
03/25/2016 07:24AM

29.24 Tons

ID 1514
GROSS 87840 lb RECALLED
TARE 29360 lb
NET 58480 lb
07:50AM 03/25/2016

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MATERIAL MANIFEST

Zebra Environmental & Industrial Services

EMERGENCY PHONE NO. (336) 841-5276

POST OFFICE BOX 357 HIGH POINT, NC 27261

TEL (336) 841-5276 FAX (336) 841-5509

Manifest Document No.

Page 4 of 4

Zebra Job No. 125584

GENERATOR INFORMATION

Name: SCOTCHMAN STORE # 3035

US EPA ID No.:

Street Address: 7162 MARKET ST. WILMINGTON, N.C.

Mailing Address:

Phone No.: 910-512-9875

Contact: WILLIAM BARLOW

DESCRIPTION OF MATERIALS

	HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div	UN / NA ID No.	Packing Group	Containers Qty.	Containers Type	Total Quantity	Unit Wt./Vol.
a.		NON HAZ SOIL	NA	NA	NA	1	DT		T
b.								54,680	
c.								27.34	TONS

ADDITIONAL INFORMATION	ERG No.	Zebra Profile Code	Facility Use
a. PETROLEUM CONTACT SOIL			
b.			
c.			

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name: MAT TEDDER FOR GPM INV.

Signature: Mat Tedder for GPM

Mo. / Day / Yr.: 3 24 16

TRANSPORTER INFORMATION

Transporter: AMERICAN MATERIALS

Address: 3596 DR. KERR RD. IVANHOE, N.C.

Transporter or EPA ID No.:

Unit No.: 8614

Phone:

I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.

Signature: Bobby L. Wright

Shipment Date:

I hereby acknowledge receipt of the above-described materials were received from the generator site and were transported to the facility listed below.

Signature:

Delivery Date:

FACILITY INFORMATION

Facility: ESJT

Address: 1555 HOLLAND RD. AUTRYVILLE, N.C.

Facility or EPA ID No.:

Phone: 910-567-6138

Contact: RYK

I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.

Signature: Ryk Cain

Receipt Date: 3-25-16

Discrepancies / Routing Codes / Handing Methods
a.
b.
c.

ORIGINAL - Facility Retain COPY 2 - Return to Generator COPY 3 - Transporter Retain COPY 4 - Generator Retain

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

27.34 Tons

ID 614
GROSS 84820 lb INBOUND
03/25/201607:23AM

ID 614
GROSS 84820 lb RECALLED
TARE 30140 lb
NET 54680 lb
07:52AM 03/25/2016

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			# 5

GENERATOR

5. Generator's Name and Mailing Address
GPM Southeast, LLC
1416 Commonwealth Dr
Wilm, NC
Generator's Phone:

Generator's Site Address (if different than mailing address)
Scotchman #3035
Market St.
Wilm, NC.

6. Transporter 1 Company Name
ZEBRA ENVIRO.

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
E S & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318
Facility's Phone: (910) 567-6138

U.S. EPA ID Number
SR0600035

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	PETROLEUM CONTAMINATED SOIL		DT		LBS.	45,460
2.						22.73 TONS
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAY TEDDER FOR GPM SOUTHEAST LLC
Signature: May Tedder for GPM SOUTHEAST LLC
Month: 3 Day: 25 Year: 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Adam Alverson
Signature:
Month: 03 Day: 25 Year: 16

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Rick Sims
Signature:
Month: 3 Day: 25 Year: 16

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

22.70 TONS

ID 5
GROSS 73800 lb
TARE 28400 lb RECALLED
NET 45400 lb
07:25AM 03/25/2016

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NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number #C

5. Generator's Name and Mailing Address
GPM Southeast, LLC
1440 Commonwealth Dr.
Wilm, NC
Generator's Phone:

Generator's Site Address (if different than mailing address)
Scotchman #3035
7462 Market St.
Wilm NC.

6. Transporter 1 Company Name
ZEBRA ENVIRO

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
E S & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318
Facility's Phone: (910) 567-6138

U.S. EPA ID Number
SR0600035

GENERATOR

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	PETROLEUM CONTAMINATED SOIL				LBS.	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAX TEDDER POA GPM SOUTHEAST LLC
Signature: Max Tedder For GPM Southeast LLC
Month: 3 Day: 25 Year: 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Donald Fowler
Signature:
Month: 3 Day: 25 Year: 16

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Rick Sims
Signature:
Month: 3 Day: 25 Year: 16

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

20.25 Tons

ID 3
GROSS 69460 lb
TARE 28960 lb RECALLED
NET 40500 lb
07:27AM 03/25/2016

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60564
LOAD # 7

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
GPM Southeast, LLC.
140 Commonwealth Dr.
Wilmington, NC
Generator's Phone:

Generator's Site Address (if different than mailing address)
Scotchman # 3035
7162 Market St.
Wilmington, NC

6. Transporter 1 Company Name
ZEBRA ENVIRONMENTAL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
E S & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318
U.S. EPA ID Number
SR0600035
Facility's Phone: (910) 567-6138

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	PETROLEUM CONTAMINATED SOIL				LBS.	43.84
2.						21.92 Tons
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
MM TEDDER FOR GPM SOUTHEAST	Mm Tedder for GPM Southeast	3	28	16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Adam Albertson				
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name	Signature	Month	Day	Year
Rick Wms	Rick Wms	3	28	16

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

21.92 Tons.

ID 5
GROSS 72240 lb
TARE 28400 lb RECALLED
NET 43840 lb
08:33AM 03/28/2016

KING PRECISION MEASUREMENT
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6584 [illegible]

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: GPM Southeast, LLC, 1410 Commonwealth DR. Wilmington, NC

Generator's Site Address (if different than mailing address): Scotchman # 3035, 7162 Market St, Wilmington, N.C.

Generator's Phone:

6. Transporter 1 Company Name: ZEBRA ENVIRONMENTAL — U.S. EPA ID Number:

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: E S & J ENTERPRISES, INC. 1555 HOLLAND RD. - AUTRYVILLE, NC 28318 — U.S. EPA ID Number: SR0600035

Facility's Phone: (910) 567-6138

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1. PETROLEUM CONTAMINATED SOIL				LBS.	42,620
2.					21.31 Tons
3.					
4.					

13. Special Handling Instructions and Additional Information

16

J. KING

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAY TEDDER FOR GPM SOUTHEAST — Signature: [signature] for GPM SOUTHEAST — Month 3 Day 28 Year 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Don Farlow — Signature: [signature] — Month 3 Day 28 Year 16

Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Rick Williams — Signature: [signature] — Month 3 Day 28 Year 16

169-BLS-C 5 11979 (Rev. 9/09) DESIGNATED FACILITY'S COPY

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

21.31 Tons.

ID J
GROSS 71580 lb
TARE 28960 lb RECALLED
NET 42620 lb
08:41AM 03/28/2016

KING PRECISION MEASUREMENT **J.A. KING & COMPANY, L L C.** ISO 17025 ACCREDITED

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605849

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 911	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
GPM Southeast, LLC
1410 Commonwealth Dr
Wilmington, NC
Generator's Phone:

Generator's Site Address (if different than mailing address)
Scotchman #3035
7562 Market St
Wilmington, NC

6. Transporter 1 Company Name
AMERICAN MATERIALS
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
E S & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318
Facility's Phone: (910) 567-6138
U.S. EPA ID Number
SRC600035

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	PETROLEUM CONTAMINATED SOIL				LBS.	22.40
2.						14.95
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAX TEDDER FOR GPM SOUTHEAST LLC
Signature: MT Tedder for GPM
Month: 3 Day: 28 Year: 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: John Underwood
Signature: John Underwood
Month: 3 Day: 28 Year: 16
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: RICK WINS
Signature:
Month: 3 Day: 28 Year: 16

Red Mack

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

14.93 Tons

ID 25
GROSS 54100 lb INBOUND
03/28/2016 10:59AM

ID 25
GROSS 54100 lb RECALLED
TARE 24240 lb
NET 29860 lb 14.9 Tons
11:20AM 03/28/2016

KING PRECISION MEASUREMENT

J.A. KING & COMPANY, LLC.

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MEASUREMENT PROFESSIONALS SINCE 1939

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60584 [illegible]

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: GPM Southeast, LLC, 1410 Commonwealth Dr, Wilm NC

Generator's Site Address (if different than mailing address): Scotchman #3035, [illegible] Market St, Wilm. NC

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number: SR0600035

E S & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318

Facility's Phone: (910) 567-6138

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1. PETROLEUM CONTAMINATED SOIL				LBS.	34,9[illegible]
2. 17.47 Tons					17.47 Tons
3.					
4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Max Tedder for GPM — Signature: [signature] for GPM — Month 3 Day 28 Year 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Billy Ray Williamson Jr — Signature: [signature] — Month 3 Day 28 Year 16
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Rick Wms — Signature: [signature] — Month 3 Day 28 Year 16

169-BLS-C 5 11979 (Rev. 9/09) DESIGNATED FACILITY'S COPY

Green Ford

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

ID 9000
GROSS 58600 lb INBOUND
03/28/2016 11:00AM

17.49 TONS

ID 9000
GROSS 58600 lb RECALLED
TARE 23660 lb
NET 34940 lb
[illegible]3/28/2016

KING PRECISION MEASUREMENT

J.A. KING & COMPANY, L.L.C.

ISO 17025 ACCREDITED

MEASUREMENT PROFESSIONALS SINCE 1939

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60584 - 111

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
GPM Southeast LLC
1410 Commonwealth Dr.
Wilm NC
Generator's Phone:

Generator's Site Address (if different than mailing address)
Scotchman #3035
7160 Market St.
Wilm NC

6. Transporter 1 Company Name
Council Trucking Inc
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
E S & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318
U.S. EPA ID Number
SR0600035
Facility's Phone: (910) 567-6138

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	PETROLEUM CONTAMINATED SOIL				LBS.	22 Tons
2.						16.38 Tons
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAY TENDER for GPM
Signature: May Tender for GPM
Month: 3 Day: 28 Year: 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Archie Ross
Signature: Archie Ross
Month: 3 Day: 28 Year: 16

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Rick Cox
Signature:
Month: 3 Day: 28 Year: 16

Redfield

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

ID 0002
GROSS 57040 lb INBOUND
03/28/2016 11:00AM

16.38 Tons

ID 0002
GROSS 57040 lb RECALLED
TARE 24280 lb
NET 32760 lb
[illegible]/28/2016

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NON-HAZARDOUS WASTE MANIFEST | 1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone: 911 | 4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: GPM Southeast, LLC, 1410 Commonwealth DR. Wilmington NC
Generator's Phone:

Generator's Site Address (if different than mailing address): Scotchman #303, 7602 Market St. Wilmington, NC

6. Transporter 1 Company Name: ~~ATLANTIC ENVIRONMENTAL~~ CAROLINA CONSL. + RESTORATION — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: E S & J ENTERPRISES, INC. 1555 HOLLAND RD. - AUTRYVILLE, NC 28318 — U.S. EPA ID Number: SR0600035
Facility's Phone: (910) 567-5138

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	PETROLEUM CONTAMINATED SOIL				LBS.	31,380
2.						15 CUBIC YARDS
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAX TEDDY FOR GPM SOUTHEAST LLC — Signature: MM Teddy For GPM — Month: 3 Day: 28 Year: 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: MICHAEL LEWIS — Signature: [signature] — Month: 3 Day: 28 Year: 16

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a:

Printed/Typed Name: Rick Wms — Signature: [signature] — Month: 3 Day: 28 Year: 16

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

15.69 Tons

ID 7
GROSS 62040 lb INBOUND
03/28/201610:56AM

ID 7
GROSS 62040 lb RECALLED
TARE 30660 lb
NET 31380 lb
11:15AM 03/28/2016

KING PRECISION MEASUREMENT
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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone: 911 | 4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: GPM Southeast, LLC, 1414 Commonwealth Dr, Wilm, NC

Generator's Site Address (if different than mailing address): Scotchman # 3035, 7162 Market St, Wilm, NC

Generator's Phone:

6. Transporter 1 Company Name: [illegible] | U.S. EPA ID Number

7. Transporter 2 Company Name | U.S. EPA ID Number

8. Designated Facility Name and Site Address: E S & J ENTERPRISES, INC., 1555 HOLLAND RD. - AUTRYVILLE, NC 28318 | U.S. EPA ID Number: SR0600035

Facility's Phone: (910) 567-6138

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	PETROLEUM CONTAMINATED SOIL				LBS.	45,930
2.						22.95 TON
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAY TEDDER FOR GPM SOUTHEAST LLC | Signature: [illegible] for GPM | Month: 3 | Day: 28 | Year: 16

INT'L

15. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter Signature (for exports only):

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Don [illegible] | Signature: [illegible] | Month: 3 | Day: 28 | Year: 16

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number: U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone: Month Day Year

17c. Signature of Alternate Facility (or Generator)

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Rick Sims | Signature: [illegible] | Month: 3 | Day: 28 | Year: 16

DESIGNATED FACILITY'S COPY

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

22.95 Tons

ID 007
GROSS 65440 lb INBOUND
03/28/2016 10:55AM

ID 007
GROSS 65440 lb RECALLED
TARE 19540 lb
NET 45900 lb
1 03/28/2016

KING PRECISION MEASUREMENT

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6058 - 14

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
GPM SOUTHEAST LLC
1410 COMMONWEALTH
WILMINGTON, NC.

Generator's Site Address (if different than mailing address)
SCOTCHMAN # 3035
7162 MARKET ST.
WILMINGTON

Generator's Phone:

U.S. EPA ID Number

6. Transporter 1 Company Name
CAROLINA CONST. RESTORATION

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
E S & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318

U.S. EPA ID Number
SR0600035

Facility's Phone: (910) 567-6138

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	PETROLEUM CONTAMINATED SOIL				LBS.	39240
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAX TEDDER FOR GPM
Signature: Max Tedder for GPM
Month: 3 Day: 28 Year: 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jim Taylor
Signature:
Month: Day: Year:

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

DESIGNATED FACILITY

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: RICK WMS
Signature:
Month: 3 Day: 28 Year: 16

DESIGNATED FACILITY'S COPY

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

CCA

14.95 Tons

ID 06
GROSS 59180 lb INBOUND
03/28/201611:13AM

ID 06
GROSS 59180 lb RECALLED
TARE 29280 lb
NET 29900 lb
11:29AM 03/28/2016

KING PRECISION MEASUREMENT

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6/2/3/09 [illegible]

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number

5. Generator's Name and Mailing Address
EPM SOUTHEAST LLC
1410 COMMONWEALTH DR
WILMINGTON, N.C.

Generator's Site Address (if different than mailing address)
SCOTCHMAN # 3055
7162 MARKET ST.
WILMINGTON, N.C.

Generator's Phone:

6. Transporter 1 Company Name
ASIA
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
E S & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318
U.S. EPA ID Number
SRC600035

Facility's Phone: **(910) 567-6138**

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. **PETROLEUM CONTAMINATED SOIL**				**LBS.**
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: M. TUDOR FOR EPM
Signature: [signature] for EPM
Month 3 Day 28 Year 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Donald McNeill
Signature: [signature]
Month 3 Day 28 Year 16

Transporter 2 Printed/Typed Name: D. McNeill [signature]
Signature:
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Rick Wms
Signature: [signature]
Month 3 Day 28 Year 16

DESIGNATED FACILITY'S COPY

White Ford

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

ID 24
GROSS 52860 lb INBOUND
03/28/201611:12AM

15.04 Tons.

ID 24
GROSS 52860 lb RECALLED
TARE 22780 lb
NET 30080 lb
11:25AM 03/28/2016

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60584 #16

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: GPM Southeast, LLC, 1616 Commonwealth Dr, Wilm NC

Generator's Site Address (if different than mailing address): Scotchman #3035, 7162 Market St, Wilm, NC

Generator's Phone:

6. Transporter 1 Company Name: ZEBRA ENVIRO — U.S. EPA ID Number:

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: E S & J ENTERPRISES, INC. 1555 HOLLAND RD. - AUTRYVILLE, NC 28318 — U.S. EPA ID Number: SR0600035

Facility's Phone: (910) 567-6138

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1. PETROLEUM CONTAMINATED SOIL				LBS.	43,020
2.					21.51
3.					
4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAXTEDDER FOR GPM — Signature: Mr Tedder for GPM — Month 3 Day 28 Year 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert Wright — Signature: [signature] — Month 3 Day 28 Year 16

Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Rick Wms — Signature: [signature] — Month 3 Day 28 Year 16

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

2154 Pounds

ID 006
GROSS 70740 lb INBOUND
03/28/2016 11:38AM

ID 006
GROSS 70740 lb RECALLED
TARE 27660 lb
NET 43080 lb
1 [redacted] 3/28/2016

KING PRECISION MEASUREMENT

J.A. KING & COMPANY, L.L.C.

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60989 II-17

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: GPM SOUTHEAST LLC, 1910 COMMONWEALTH DR, WILMINGTON, N.C.

Generator's Site Address (if different than mailing address): SCOTCHMAN # 3035, 7162 MARKET ST., WILMINGTON, N.C.

Generator's Phone:

6. Transporter 1 Company Name: ZEBRA ENVIRO — U.S. EPA ID Number:

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: E S & J ENTERPRISES, INC. 1555 HOLLAND RD - AUTRYVILLE, NC 28318 — U.S. EPA ID Number: SR0600035

Facility's Phone: (910) 567-6138

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1. PETROLEUM CONTAMINATED SOIL				LBS.	
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
MAX TEDDER FOR GPM	M Tedd for GPM	3	28	16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

	Printed/Typed Name	Signature	Month	Day	Year
Transporter 1	N Adam Alberson	[signature]	3	28	16
Transporter 2					

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
SANDRA WILLIAMS	S Williams	3	28	16

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

18.74 TONS

ID 5
GROSS 65880 lb
TARE 28400 lb RECALLED
NET 37480 lb
01:22PM 03/28/2016

KING PRECISION MEASUREMENT

J.A. KING & COMPANY, L L C.

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60584 HR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address
GPM SOUTHEAST LLC
1410 COMMONWEALTH DR.
WILMINGTON, N.C.
Generator's Phone:

Generator's Site Address (if different than mailing address)
SCOTCHMAN 3035
7162 MASEKO St.
WILMINGTON, N.C.

6. Transporter 1 Company Name
ZEBRA ENVIRO
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
E S & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318
U.S. EPA ID Number
SR0600035
Facility's Phone: (910) 567-6138

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	PETROLEUM CONTAMINATED SOIL				LBS.	33,200
2.						No CS Ticket
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAP TEDDER FOR GPM
Signature: Mr Tedder for GPM
Month 3 Day 28 Year 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Don Farlow
Signature:
Month 3 Day 28 Year 16

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Nick Lewis
Signature:
Month 3 Day 28 Year 16

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

16.63 Tons.

ID 3
GROSS 62220 lb
TARE 28960 lb RECALLED
NET 33260 lb
01:57PM 03/28/2016

KING PRECISION MEASUREMENT **J.A. KING** & COMPANY, LLC. ISO 17025 ACCREDITED

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60584 #19

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: GAM Southeast, LLC, 1410 Commonwealth Dr, Wilm NC

Generator's Site Address (if different than mailing address): Scotchman #3035, 9160 Market St, Wilm.

Generator's Phone:

6. Transporter 1 Company Name: ASA — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
E S & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318
Facility's Phone: (910) 567-6138

U.S. EPA ID Number: SR0600035

9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	
1. PETROLEUM CONTAMINATED SOIL				LBS.	45,900
2.					22.95 Tons
3.					
4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAX TEDDLL FOR GPM — Signature: [signature] for GPM — Month 3 Day 28 Year 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Don — Signature: Don Gilmore — Month 3 Day 28 Year 16
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Rick Williams — Signature: [signature] — Month 3 Day 28 Year 16

169-BLS-C 5 11979 (Rev. 9/09)

DESIGNATED FACILITY'S COPY

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

22.95 Tons.

ID 007
GROSS 65440 lb RECALLED
TARE [redacted] 19590
NET [redacted]
03:08PM 03/28/2016

45,900

KING PRECISION MEASUREMENT

J.A. KING & COMPANY, L.L.C.

ISO 17025 ACCREDITED

MEASUREMENT PROFESSIONALS SINCE 1939

P. O. Box 160 • 6541-C Franz Warner Parkway • Whitsett, NC 27377
Ph. (336) 292-0511 • Fax (336) 294-9664

60584 #20

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: GPM Southeast, LLC, 1410 Commonwealth Dr, Wilm, NC
Generator's Site Address (if different than mailing address): Scotchman #3025, 7162 Market St, Wilm. NC
Generator's Phone:

6. Transporter 1 Company Name: CAROLINA CONST. & RESTORATION — U.S. EPA ID Number:

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number: SR0600035
E S & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318
Facility's Phone: (910) 567-6138

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1. PETROLEUM CONTAMINATED SOIL				LBS.	29,760 / 14.88 Tons
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAY TEDDER FOR GPM — Signature: May Tedder For GPM — Month 3 Day 28 Year 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: MICHAEL LEWIS — Signature: [signature] — Month 3 Day 28 Year 16
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Rick Wms — Signature: [signature] — Month 3 Day 28 Year 16

169-BLS-C 5 11979 (Rev. 9/09) — DESIGNATED FACILITY'S COPY

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

29,860

14,93 Tons

ID 06
GROSS 59120 lb
TARE 29260 lb RECALLED
NET 29860 lb
03:15PM 03/28/2016

KING PRECISION MEASUREMENT **J.A. KING & COMPANY, L L C.** ISO 17025 ACCREDITED

MEASUREMENT PROFESSIONALS SINCE 1939

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Ph. (336) 292-0511 • Fax (336) 294-9664

60584 #21

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: GPM Southeast, LLC, 140 Commonwealth Dr, Wilm, NC

Generator's Site Address (if different than mailing address): Scotchman #3035, 7162 Market St., Wilm, NC

Generator's Phone:

6. Transporter 1 Company Name: CAROLINA CONST & RESTORATION — U.S. EPA ID Number:

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: E S & J ENTERPRISES, INC. 1555 HOLLAND RD. - AUTRYVILLE, NC 28318 — U.S. EPA ID Number: SR0600035

Facility's Phone: (910) 567-6138

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. PETROLEUM CONTAMINATED SOIL				LBS.
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAY TEDDER For GPM — Signature: [signature] For GPM — Month 3 Day 28 Year 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Jim Taylor — Signature: [signature] — Month 3 Day 28 Year 16

Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Rick Wms — Signature: [signature] — Month 3 Day 28 Year 16

169-BLS-C 5 11979 (Rev. 9/09) DESIGNATED FACILITY'S COPY

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

15.84 Tons,

ID 6
GROSS 61040 lb
TARE 29360 lb RECALLED
NET 31680 lb
03:38PM 03/28/2016

KING PRECISION MEASUREMENT
J.A. KING & COMPANY, L L C.
ISO 17025 ACCREDITED
MEASUREMENT PROFESSIONALS SINCE 1939
P. O. Box 160 • 6541-C Franz Warner Parkway • Whitsett, NC 27377
Ph. (336) 292-0511 • Fax (336) 294-9664

60584-H22

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number

5. Generator's Name and Mailing Address: GPM SOUTHEAST LLC, 1410 COMMERCE ACTIVE DR, WILMINGTON NC 28405

Generator's Site Address (if different than mailing address): SLOTCHMAN LL 3035, 7162 MARKET ST, WILMINGTON N.C

Generator's Phone:

6. Transporter 1 Company Name: RTH — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: E S & J ENTERPRISES, INC., 1555 HOLLAND RD. - AUTRYVILLE, NC 28318 — U.S. EPA ID Number: SR0600035

Facility's Phone: (910) 567-6138

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	PETROLEUM CONTAMINATED SOIL				LBS.	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAX TEDDER FOR GPM — Signature: Mr Tedder for GPM — Month: 3 — Day: 28 — Year: 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: D Donald McNeill — Signature — Month: 3 — Day: 28 — Year: 16

Transporter 2 Printed/Typed Name: D. McNeill — Signature — Month — Day — Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Rick Wms — Signature — Month: 3 — Day: 28 — Year: 16

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

169-BLS-C 5 11979 (Rev. 9/09) DESIGNATED FACILITY'S COPY

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

12.17 TONS.

ID 24
GROSS 47100 lb
TARE 22760 lb RECALLED
NET 24340 lb
04:02PM 03/28/2016

KING PRECISION MEASUREMENT

J.A. KING & COMPANY, L L C.

ISO 17025 ACCREDITED

MEASUREMENT PROFESSIONALS SINCE 1939

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Ph. (336) 292-0511 • Fax (336) 294-9664

605847 H23 / 22

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number:
2. Page 1 of:
3. Emergency Response Phone:
4. Waste Tracking Number:

5. Generator's Name and Mailing Address: GPM SOUTHEAST LLC. 1410 COMMONWEALTH DR. WILMINGTON N.C.

Generator's Site Address (if different than mailing address): SCOTCHMAN 3035 7162 MARKET ST. WILMINGTON

Generator's Phone:

6. Transporter 1 Company Name: ASIA — U.S. EPA ID Number:

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: E S & J ENTERPRISES, INC. 1555 HOLLAND RD. - AUTRYVILLE, NC 28318 — U.S. EPA ID Number: SR0600035

Facility's Phone: (910) 567-6139

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. PETROLEUM CONTAMINATED SOIL				LBS.
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information:

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MATT TEDDER FOR GPM — Signature: [signature] For GPM — Month/Day/Year: 3 25 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: John Underwood — Signature: John Underwood — Month/Day/Year: 3 28 16
Transporter 2 Printed/Typed Name: — Signature: — Month/Day/Year:

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month/Day/Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Rick Wims — Signature: [signature] — Month/Day/Year: 3 28 16

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

169-BLS-C 5 11979 (Rev. 9/09) DESIGNATED FACILITY'S COPY

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

14.61 TONS

ID 25
GROSS 53480 lb
TARE 24260 lb RECALLED
NET 29220 lb
04:05PM 03/28/2016

KING PRECISION MEASUREMENT **J.A. KING & COMPANY, L.L.C.** ISO 17025 ACCREDITED

MEASUREMENT PROFESSIONALS SINCE 1939

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Ph. (336) 292-0511 • Fax (336) 294-9664

6058 [illegible]

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
GPM SOUTHEAST LLC
1410 COMMONWEALTH DR.
WILMINGTON, N.C.
Generator's Phone:

Generator's Site Address (if different than mailing address)
SCOTCHMAN # 3035
762 MARKET ST.
WILMINGTON, N.C.
U.S. EPA ID Number

6. Transporter 1 Company Name
COUNCIL TRUCKING
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
E S & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318
Facility's Phone: (910) 567-6138
U.S. EPA ID Number
SR0600035

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	PETROLEUM CONTAMINATED SOIL				LBS.	27340
2.						1360 Tons
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAY TECH For GPM
Signature: [signature] For GPM
Month: 3 Day: 28 Year: 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: X Archie Ross
Signature: [signature]
Month: 3 Day: 28 Year: 16
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Signature: Month: Day: Year:

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

13.67 TONS

ID 0002
GROSS 51580 lb
TARE 24240 lb RECALLED
NET 27340 lb
04:06PM 03/28/2016

KING PRECISION MEASUREMENT **J.A. KING & COMPANY, L L C.** ISO 17025 ACCREDITED

MEASUREMENT PROFESSIONALS SINCE 1939

P. O. Box 160 • 6541-C Franz Warner Parkway • Whitsett, NC 27377
Ph. (336) 292-0511 • Fax (336) 294-9664

6005874-75 354

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number

5. Generator's Name and Mailing Address: GPM Southeast LLC, 1410 Commonwealth Dr, Wilmington, NC

Generator's Site Address (if different than mailing address): Scotchman #3035, 7162 Market St, Wilmington, NC

Generator's Phone:

6. Transporter 1 Company Name: ASIA — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: E S & J ENTERPRISES, INC. 1555 HOLLAND RD. - AUTRYVILLE, NC 28318 — U.S. EPA ID Number: ~~SR0000035~~

Facility's Phone: (910) 567-6138

9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	
1. PETROLEUM CONTAMINATED SOIL				LBS.	22780
2.					14.45 ton
3.					
4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAX TEDDER FOR GPM — Signature: Max Tedder for GPM — Month 3 Day 28 Year 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Billy Ray Williamson Jr — Signature: [signature] — Month 3 Day 28 Year 16
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Rick Wms — Signature: [signature] — Month 3 Day 28 Year 16

169-BLS-C 5 11979 (Rev. 9/09) DESIGNATED FACILITY'S COPY

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

14.95 Tons

ID 9000
GROSS 53600 lb
TARE 23700 lb RECALLED
NET 29900 lb
04:06PM 03/28/2016

KING PRECISION MEASUREMENT

J.A. KING & COMPANY, L L C.

ISO 17025 ACCREDITED

MEASUREMENT PROFESSIONALS SINCE 1939

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Ph. (336) 292-0511 • Fax (336) 294-9664

605 84 #

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone
4. Waste Tracking Number

5. Generator's Name and Mailing Address: GPM Southeast, LLC, 1410 Commonwealth DR. Wilmington, N C

Generator's Site Address (if different than mailing address): Scotchman # 3035, 7162 Market St. Wilmington, N C

Generator's Phone:

6. Transporter 1 Company Name: ZEBRA ENVIRONMENTAL — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: E S & J ENTERPRISES, INC. 1555 HOLLAND RD. - AUTRYVILLE, NC 28318 — U.S. EPA ID Number: SR0600035

Facility's Phone: (910) 567-6138

9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	
1. PETROLEUM CONTAMINATED SOIL				LBS.	40,520
2.					20.26
3.					
4.					

13. Special Handling Instructions and Additional Information

JA KING

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAX TEDDER FOR GPM — Signature: [signature] for GPM — Month 3 Day 28 Year 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: X Robert Wright — Signature: [signature] — Month 3 Day 28 Year 16
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: [illegible] Wims — Signature: [signature] — Month 3 Day 28 Year 16

169-BLS-C (9/09) — **DESIGNATED FACILITY'S COPY**

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

20.26 TONS.

ID 6
GROSS 69880 lb
TARE 29360 lb RECALLED
NET 40520 lb
04:58PM 03/28/2016

KING PRECISION MEASUREMENT

J.A. KING & COMPANY, LLC.

ISO 17025 ACCREDITED

MEASUREMENT PROFESSIONALS SINCE 1939

P. O. Box 160 • 6541-C Franz Warner Parkway • Whitsett, NC 27377
Ph. (336) 292-0511 • Fax (336) 294-9664

GDS84427

NON-HAZARDOUS WASTE MANIFEST | 1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number

5. Generator's Name and Mailing Address
GPM Southeast, LLC
1410 Commonwealth Dr.
Wilm. NC
Generator's Phone:

Generator's Site Address (if different than mailing address)
Scotchman #3035
7162 Market St.
Wilm, NC

6. Transporter 1 Company Name
ZEBRA ENVIRONMENTAL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
E S & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318
Facility's Phone: (910) 567-6138
U.S. EPA ID Number
SR0600035

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	PETROLEUM CONTAMINATED SOIL				LBS.	42,120
2.						21 Tons
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAX TEDDER FOR GPM
Signature: Max Tedder for GPM
Month: 3 Day: 28 Year: 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Adam Allison
Signature:
Month: 5 Day: 28 Year: 16

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Rick Sims
Signature:
Month: 3 Day: 28 Year: 16

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

21 & Tarps.

ID 5
GROSS 70520 lb
TARE 28400 lb RECALLED
NET 42120 lb
08:01AM 03/29/2016

KING PRECISION MEASUREMENT **J.A. KING & COMPANY, L L C.** ISO 17025 ACCREDITED

MEASUREMENT PROFESSIONALS SINCE 1939

P. O. Box 160 • 6541-C Franz Warner Parkway • Whitsett, NC 27377
Ph. (336) 292-0511 • Fax (336) 294-9664

60584 # 28

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
GPM Southeast, LLC.
140 Commonwealth Dr.
Wilm. NC
Generator's Phone:

Generator's Site Address (if different than mailing address)
Scotchman # 3035
7162 Market St.
Wilm NC

6. Transporter 1 Company Name
ZEBRA ENVIRO

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
E S & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318

U.S. EPA ID Number
SR0600035

Facility's Phone: (910) 567-6138

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	PETROLEUM CONTAMINATED SOIL				LBS.	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAX TEDDER FOR GPM
Signature: Max Tedder for GPM
Month: 3 Day: 28 Year: 16

TRANSPORTER

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Don Farlow
Signature:
Month: 3 Day: 28 Year: 16

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Rick Wins
Signature:
Month: 3 Day: 28 Year: 16

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

22.26 tons

ID 3
GROSS 73480 lb
TARE 28960 lb RECALLED
NET 44520 lb
07:05PM 03/28/2016

KING PRECISION MEASUREMENT
J.A. KING & COMPANY, L L C.
ISO 17025 ACCREDITED
MEASUREMENT PROFESSIONALS SINCE 1939
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Ph. (336) 292-0511 • Fax (336) 294-9664

603... - 21

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
CPM Southeast, LLC
1410 Commonwealth Dr
Wilm, NC

Generator's Phone:

Generator's Site Address (if different than mailing address)
Scotchman # 3035
4162 Market St.
Wilm. NC

6. Transporter 1 Company Name
ASIA

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
E S & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318

Facility's Phone: (910) 567-6138

U.S. EPA ID Number
SR0600035

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. PETROLEUM CONTAMINATED SOIL				LBS.	45,900
	2.					22.95 T
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Max Tedder for CPM	Max Tedder CPM	3	28	16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Don Gilmore	[signature]	3	28	16
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Rick Wms	Rick Wms	3	28	16

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363
INVALID UNLESS SIGNED

22.95 TONS.

ID 007
GROSS 65440 lb RECALLED
TARE [redacted] 19.540
NET [redacted]
07:23PM 03/28/2016

45,900

KING PRECISION MEASUREMENT

J.A. KING & COMPANY, L.L.C.

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MEASUREMENT PROFESSIONALS SINCE 1939

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60584-ES0

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
GPM Southeast, LLC
1410 Commonwealth DR
Wilm, NC
Generator's Phone:

Generator's Site Address (if different than mailing address)
Scotchman #3035
7162 Market St
Wilm, NC

6. Transporter 1 Company Name
CAROLINA COAST + RESTORATION
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
E S & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318
U.S. EPA ID Number
SR0600035
Facility's Phone: (910) 567-6138

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	PETROLEUM CONTAMINATED SOIL				LBS.	3350
2.						16.75 Tons
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAY TODD FOR GPM
Signature: May Todd for GPM
Month: 3 Day: 28 Year: 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: X MICHAEL LEWIS
Signature:
Month: 3 Day: 28 Year: 16

Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Rick Cobb
Signature:
Month: 3 Day: 28 Year: 16

60584 #31

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: GPM Southeast, LLC, 1410 Commonwealth Dr. Wilm, NC
Generator's Site Address (if different than mailing address): Scotchman #3035, 7162 Market St. Wilm, NC
Generator's Phone:

6. Transporter 1 Company Name: Carolina Const. & Restoration — U.S. EPA ID Number:

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: E S & J ENTERPRISES, INC. 1555 HOLLAND RD., AUTRYVILLE, NC 28318 — U.S. EPA ID Number: SR0600035
Facility's Phone: (910) 567-5138

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. PETROLEUM CONTAMINATED SOIL				LBS.	38,500
	2.					[illegible]
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAX TEDDER FOR GPM — Signature: M. Tedder for GPM — Month 3 Day 28 Year 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jim Taylor — Signature: [signature] — Month 3 Day 28 Year 16
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Rick Wms — Signature: [signature] — Month 3 Day 28 Year 16

169-BLS-C 5 11979 (Rev. 9/09) DESIGNATED FACILITY'S COPY

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27363

INVALID UNLESS SIGNED

16.16

ID 7
GROSS 64160 lb
TARE 30640 lb RECALLED
NET 33520 lb
07:50PM 03/28/2016

KING PRECISION MEASUREMENT

J.A. KING & COMPANY, L L C.

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MEASUREMENT PROFESSIONALS SINCE 1939

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NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 27361

INVALID UNLESS SIGNED

16.25 Tons.

ID 06
GROSS 61760 lb
TARE 29260 lb RECALLED
NET 32500 lb
08:17PM 03/28/2016

KING PRECISION MEASUREMENT

J.A. KING & COMPANY, L L C.

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605-84 #32

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
GPM Southeast LLC
1416 Commonwealth Dr.
Wilm, NC
Generator's Phone:

Generator's Site Address (if different than mailing address)
Scotchman # 3035
7162 Market St
Wilm, NC

6. Transporter 1 Company Name
ZEBRA ENVIRO
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
E & J ENTERPRISES, INC.
1555 HOLLAND RD. - AUTRYVILLE, NC 28318
U.S. EPA ID Number
SR0600035
Facility's Phone: (910) 567-6138

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	PETROLEUM CONTAMINATED SOIL				LBS.	43100
2.						2155 Gal
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: MAX TEDDER FOR GPM
Signature: Max Tedder For GPM
Month: 3 Day: 28 Year: 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert Wright
Signature:
Month: 3 Day: 28 Year: 16

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Rick Wise
Signature:
Month: 3 Day: 25 Year: 16

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2016
RICKY L. WILLIAMS 2736

INVALID UNLESS SIGNED

21.55 Tons

ID 6
GROSS 72460 lb
TARE 29360 lb RECALLED
NET 43100 lb
08:00AM 03/29/2016

KING PRECISION MEASUREMENT

J.A. KING & COMPANY, L.L.C.

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